

**HIGH SOLIDS ENAMEL PAINT, Flat White, 453 g**

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

---

**SECTION 1. IDENTIFICATION**

Product name : HIGH SOLIDS ENAMEL PAINT, Flat White, 453 g

Product code : 892.150007

Other means of identification : No data available

**Manufacturer or supplier's details**

Company name of supplier : Würth Canada Limited

Address : 345 Hanlon Creek Blvd  
GUELPH, ON N1C 0A1

Telephone : +1 (905) 564 6225

Telefax : +1 (905) 564 3671

Emergency telephone : Emergencies involving a spill, fire, explosion or exposure:  
CHEMTREC (24/7): 1-800-424-9300  
Transport related emergencies:  
CANUTEC (24/7): 1-613-996-6666 or \* 666 (cell)

Urgences impliquant un déversement, incendie, explosion ou exposition:  
CHEMTREC (24/7): 1-800-424-9300  
Urgences liées au transport:  
CANUTEC (24/7): 1-613-996-6666 ou \* 666 (cellulaire)

E-mail address : prodsafe@wurth.ca

**Recommended use of the chemical and restrictions on use**

Recommended use : Paint

Restrictions on use : Not applicable

---

**SECTION 2. HAZARDS IDENTIFICATION****GHS classification in accordance with the Hazardous Products Regulations**

Flammable aerosols : Category 1

Gases under pressure : Dissolved gas

Eye irritation : Category 2A

Specific target organ toxicity : Category 3  
- single exposure

# HIGH SOLIDS ENAMEL PAINT, Flat White, 453

g

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

Specific target organ toxicity : Category 2 (Auditory system, Central nervous system, Kidney)  
- repeated exposure

## GHS label elements

Hazard pictograms :



Signal Word : Danger

Hazard Statements : H222 Extremely flammable aerosol.  
H280 Contains gas under pressure; may explode if heated.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
H373 May cause damage to organs (Auditory system, Central nervous system, Kidney) through prolonged or repeated exposure.

Precautionary Statements :

### Prevention:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Do not pierce or burn, even after use.  
P260 Do not breathe spray.  
P264 Wash skin thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear eye protection and face protection.

### Response:

P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P314 Get medical attention if you feel unwell.  
P337 + P313 If eye irritation persists: Get medical attention.

### Storage:

P405 Store locked up.  
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C (122 °F).

### Disposal:

P501 Dispose of contents and container to an approved waste disposal plant.

## Other hazards

Repeated exposure may cause skin dryness or cracking.

# HIGH SOLIDS ENAMEL PAINT, Flat White, 453 g

Version 5.0      Revision Date: 10/06/2022      SDS Number: 10789041-00006      Date of last issue: 06/08/2022  
Date of first issue: 10/23/2017

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Components

Chemical name	Common Name/Synonym	CAS-No.	Concentration (% w/w)
Limestone	Calcium carbonate	1317-65-3	17.13
Propane	Dimethylmethane	74-98-6	15.76
Acetone	2-Propanone	67-64-1	11.4
Butane	Butyl hydride	106-97-8	9.26
Isobutyl acetate	Acetic acid, 2-methylpropyl ester	110-19-0	8.68
Titanium dioxide	Titanic anhydride	13463-67-7	7.71
Silica gel, precipitated, crystalline free	Hydrated silica	112926-00-8	2.88
2-Methoxy-1-methylethyl acetate	2-Propanol, 1-methoxy-, 2-acetate	108-65-6	2.54
Isobutyl methyl ketone	4-Methylpentan-2-one	108-10-1	1.85
Pentan-2-one	Methyl propyl ketone	107-87-9	1.4
Xylene	Benzene, dimethyl-	1330-20-7	1.35
2-(Propoxy)ethanol	Ethanol, 2-propoxy-	2807-30-9	1.09
Solvent naphtha (petroleum), light aliphatic	No data available	64742-89-8	1.07
Zirconium octoate	Hexanoic acid, 2-ethyl-, zirconium salt	22464-99-9	0.11

## SECTION 4. FIRST AID MEASURES

General advice : In the case of accident or if you feel unwell, seek medical advice immediately.  
When symptoms persist or in all cases of doubt seek medical advice.

If inhaled : If inhaled, remove to fresh air.  
Get medical attention if symptoms occur.

In case of skin contact : In case of contact, immediately flush skin with plenty of water.  
Remove contaminated clothing and shoes.  
Get medical attention.  
Wash clothing before reuse.

## HIGH SOLIDS ENAMEL PAINT, Flat White, 453

### g

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

---

- Thoroughly clean shoes before reuse.
- In case of eye contact : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.  
If easy to do, remove contact lens, if worn.  
Get medical attention.
- If swallowed : If swallowed, DO NOT induce vomiting.  
Get medical attention if symptoms occur.  
Rinse mouth thoroughly with water.
- Most important symptoms and effects, both acute and delayed : Causes serious eye irritation.  
May cause drowsiness or dizziness.  
May cause damage to organs through prolonged or repeated exposure.  
Prolonged or repeated contact may dry skin and cause irritation.
- Protection of first-aiders : First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists (see section 8).
- Notes to physician : Treat symptomatically and supportively.

---

### SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Water spray  
Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical
- Unsuitable extinguishing media : None known.
- Specific hazards during fire fighting : Flash back possible over considerable distance.  
Vapors may form explosive mixtures with air.  
Exposure to combustion products may be a hazard to health.  
If the temperature rises there is danger of the vessels bursting due to the high vapor pressure.
- Hazardous combustion products : Carbon oxides  
Metal oxides
- Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Use water spray to cool unopened containers.  
Remove undamaged containers from fire area if it is safe to do so.  
Evacuate area.
- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.  
Use personal protective equipment.

## HIGH SOLIDS ENAMEL PAINT, Flat White, 453

g

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Remove all sources of ignition.  
Use personal protective equipment.  
Follow safe handling advice (see section 7) and personal protective equipment recommendations (see section 8).
- Environmental precautions : Avoid release to the environment.  
Prevent further leakage or spillage if safe to do so.  
Prevent spreading over a wide area (e.g., by containment or oil barriers).  
Retain and dispose of contaminated wash water.  
Local authorities should be advised if significant spillages cannot be contained.
- Methods and materials for containment and cleaning up : Non-sparking tools should be used.  
Soak up with inert absorbent material.  
Suppress (knock down) gases/vapors/mists with a water spray jet.  
For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container.  
Clean up remaining materials from spill with suitable absorbent.  
Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.  
Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

### SECTION 7. HANDLING AND STORAGE

- Technical measures : See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
- Local/Total ventilation : If sufficient ventilation is unavailable, use with local exhaust ventilation.  
If advised by assessment of the local exposure potential, use only in an area equipped with explosion-proof exhaust ventilation.
- Advice on safe handling : Do not get on skin or clothing.  
Do not breathe spray.  
Do not swallow.  
Do not get in eyes.  
Wash skin thoroughly after handling.  
Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Take precautionary measures against static discharges.

# HIGH SOLIDS ENAMEL PAINT, Flat White, 453

## g

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

Take care to prevent spills, waste and minimize release to the environment.

Do not spray on an open flame or other ignition source.

Conditions for safe storage : Store locked up.  
Keep in a cool, well-ventilated place.  
Store in accordance with the particular national regulations.  
Do not pierce or burn, even after use.  
Keep cool. Protect from sunlight.

Materials to avoid : Do not store with the following product types:  
Self-reactive substances and mixtures  
Organic peroxides  
Oxidizing agents  
Flammable solids  
Pyrophoric liquids  
Pyrophoric solids  
Self-heating substances and mixtures  
Substances and mixtures which in contact with water emit flammable gases  
Explosives  
Gases

Recommended storage temperature : < 40 °C

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Limestone	1317-65-3	TWA	10 mg/m <sup>3</sup>	CA AB OEL
		TWAEV (total dust)	10 mg/m <sup>3</sup>	CA QC OEL
		TWA (Total dust)	10 mg/m <sup>3</sup>	CA BC OEL
		TWA (respirable dust fraction)	3 mg/m <sup>3</sup>	CA BC OEL
		STEL	20 mg/m <sup>3</sup>	CA BC OEL
Propane	74-98-6	TWA	1,000 ppm	CA AB OEL
		TWAEV	1,000 ppm 1,800 mg/m <sup>3</sup>	CA QC OEL
		TWA	500 ppm 1,200 mg/m <sup>3</sup>	CA AB OEL
Acetone	67-64-1	STEL	750 ppm 1,800 mg/m <sup>3</sup>	CA AB OEL
		TWA	250 ppm	CA BC OEL
		STEL	500 ppm	CA BC OEL
		TWAEV	500 ppm	CA QC OEL

**HIGH SOLIDS ENAMEL PAINT, Flat White, 453**
**g**

Version 5.0      Revision Date: 10/06/2022      SDS Number: 10789041-00006      Date of last issue: 06/08/2022  
 Date of first issue: 10/23/2017

			1,190 mg/m <sup>3</sup>	
		STEV	1,000 ppm 2,380 mg/m <sup>3</sup>	CA QC OEL
		TWA	250 ppm	ACGIH
		STEL	500 ppm	ACGIH
Butane	106-97-8	TWA	1,000 ppm	CA AB OEL
		TWAEV	800 ppm 1,900 mg/m <sup>3</sup>	CA QC OEL
		TWA	1,000 ppm	CA BC OEL
		STEL	1,000 ppm	ACGIH
Isobutyl acetate	110-19-0	TWA	150 ppm 713 mg/m <sup>3</sup>	CA AB OEL
		TWAEV	50 ppm	CA QC OEL
		STEV	150 ppm	CA QC OEL
		TWA	50 ppm	CA BC OEL
		STEL	150 ppm	CA BC OEL
		TWA	50 ppm	ACGIH
		STEL	150 ppm	ACGIH
Titanium dioxide	13463-67-7	TWA	10 mg/m <sup>3</sup>	CA AB OEL
		TWA (Total dust)	10 mg/m <sup>3</sup>	CA BC OEL
		TWA (respirable dust fraction)	3 mg/m <sup>3</sup>	CA BC OEL
		TWAEV (total dust)	10 mg/m <sup>3</sup>	CA QC OEL
		TWA (Respirable particulate matter)	2.5 mg/m <sup>3</sup> (Titanium dioxide)	ACGIH
		TWA (Respirable particulate matter)	0.2 mg/m <sup>3</sup> (Titanium dioxide)	ACGIH
Silica gel, precipitated, crystalline free	112926-00-8	TWA (Respirable)	1.5 mg/m <sup>3</sup>	CA BC OEL
		TWA (Total)	4 mg/m <sup>3</sup>	CA BC OEL
		TWAEV (respirable dust)	6 mg/m <sup>3</sup>	CA QC OEL
2-Methoxy-1-methylethyl acetate	108-65-6	TWA	50 ppm	CA BC OEL
		STEL	75 ppm	CA BC OEL
		TWA	50 ppm 270 mg/m <sup>3</sup>	CA ON OEL
Isobutyl methyl ketone	108-10-1	TWA	50 ppm 205 mg/m <sup>3</sup>	CA AB OEL
		STEL	75 ppm 307 mg/m <sup>3</sup>	CA AB OEL
		TWA	20 ppm	CA BC OEL
		STEL	75 ppm	CA BC OEL
		TWAEV	20 ppm	CA QC OEL
		STEV	75 ppm	CA QC OEL
		TWA	20 ppm	ACGIH

**HIGH SOLIDS ENAMEL PAINT, Flat White, 453**
**g**
Version  
5.0Revision Date:  
10/06/2022SDS Number:  
10789041-00006Date of last issue: 06/08/2022  
Date of first issue: 10/23/2017

Pentan-2-one	107-87-9	STEL	75 ppm	ACGIH
		TWA	200 ppm 705 mg/m <sup>3</sup>	CA AB OEL
		STEL	250 ppm 881 mg/m <sup>3</sup>	CA AB OEL
		TWA	150 ppm	CA BC OEL
		STEL	250 ppm	CA BC OEL
		TWAEV	150 ppm 530 mg/m <sup>3</sup>	CA QC OEL
Xylene	1330-20-7	STEL	150 ppm	ACGIH
		TWA	100 ppm 434 mg/m <sup>3</sup>	CA AB OEL
		STEL	150 ppm 651 mg/m <sup>3</sup>	CA AB OEL
		TWAEV	100 ppm 434 mg/m <sup>3</sup>	CA QC OEL
		STEV	150 ppm 651 mg/m <sup>3</sup>	CA QC OEL
		TWA	100 ppm	CA BC OEL
		STEL	150 ppm	CA BC OEL
		TWA	20 ppm	ACGIH
2-(Propyloxy)ethanol	2807-30-9	TWA	25 ppm 110 mg/m <sup>3</sup>	CA ON OEL
Zirconium octoate	22464-99-9	TWA	5 mg/m <sup>3</sup> (Zirconium)	CA AB OEL
		STEL	10 mg/m <sup>3</sup> (Zirconium)	CA AB OEL
		TWAEV	5 mg/m <sup>3</sup> (Zirconium)	CA QC OEL
		STEV	10 mg/m <sup>3</sup> (Zirconium)	CA QC OEL
		TWA	5 mg/m <sup>3</sup> (Zirconium)	CA BC OEL
		STEL	10 mg/m <sup>3</sup> (Zirconium)	CA BC OEL
		TWA	5 mg/m <sup>3</sup> (Zirconium)	ACGIH
		STEL	10 mg/m <sup>3</sup> (Zirconium)	ACGIH

**Biological occupational exposure limits**

Components	CAS-No.	Control parameters	Biological specimen	Sam-pling time	Permissible concentra-tion	Basis
Acetone	67-64-1	Acetone	Urine	End of shift (As soon as possible after exposure ceases)	25 mg/l	ACGIH BEI



## HIGH SOLIDS ENAMEL PAINT, Flat White, 453

g

Version 5.0      Revision Date: 10/06/2022      SDS Number: 10789041-00006      Date of last issue: 06/08/2022  
Date of first issue: 10/23/2017

Xylene	1330-20-7	Methyl-hippuric acids	Urine	End of shift (As soon as possible after exposure ceases)	1.5 g/g creatinine	ACGIH BEI
Isobutyl methyl ketone	108-10-1	methyl isobutyl ketone	Urine	End of shift (As soon as possible after exposure ceases)	1 mg/l	ACGIH BEI

**Engineering measures** : Minimize workplace exposure concentrations.  
If sufficient ventilation is unavailable, use with local exhaust ventilation.  
If advised by assessment of the local exposure potential, use only in an area equipped with explosion-proof exhaust ventilation.

### Personal protective equipment

Respiratory protection : If adequate local exhaust ventilation is not available or exposure assessment demonstrates exposures outside the recommended guidelines, use respiratory protection.

Filter type : Self-contained breathing apparatus

Hand protection  
Material : Nitrile rubber

Remarks : Choose gloves to protect hands against chemicals depending on the concentration specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. Wash hands before breaks and at the end of workday. Breakthrough time is not determined for the product. Change gloves often!

Eye protection : Wear the following personal protective equipment:  
Safety goggles

Skin and body protection : Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential.  
Wear the following personal protective equipment:  
If assessment demonstrates that there is a risk of explosive atmospheres or flash fires, use flame retardant antistatic protective clothing.  
Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc).

**HIGH SOLIDS ENAMEL PAINT, Flat White, 453  
g**

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

---

Hygiene measures : If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the working place.  
When using do not eat, drink or smoke.  
Wash contaminated clothing before re-use.

---

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : aerosol

Propellant : Propane, Butane

Color : white

Odor : aromatic

Odor Threshold : No data available

pH : No data available

Melting point/freezing point : No data available

Initial boiling point and boiling range : -44 °C

Flash point : -19 °C  
Flash point is only valid for liquid portion in the aerosol can.

Evaporation rate : Not applicable

Flammability (solid, gas) : Extremely flammable aerosol.

Upper explosion limit / Upper flammability limit : 10.9 %(V)

Lower explosion limit / Lower flammability limit : 1.7 %(V)

Vapor pressure : 2,750 hPa

Relative vapor density : Not applicable

Relative density : 0.77 - 0.85

Solubility(ies)  
Water solubility : No data available

**HIGH SOLIDS ENAMEL PAINT, Flat White, 453  
g**

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

---

Partition coefficient: n-octanol/water	:	Not applicable
Autoignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity	:	
Viscosity, kinematic	:	Not applicable
Explosive properties	:	Not explosive
Oxidizing properties	:	The substance or mixture is not classified as oxidizing.
Particle size	:	Not applicable

---

**SECTION 10. STABILITY AND REACTIVITY**

Reactivity	:	Not classified as a reactivity hazard.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	Extremely flammable aerosol. Vapors may form explosive mixture with air. If the temperature rises there is danger of the vessels bursting due to the high vapor pressure. Can react with strong oxidizing agents.
Conditions to avoid	:	Heat, flames and sparks.
Incompatible materials	:	Oxidizing agents
Hazardous decomposition products	:	No hazardous decomposition products are known.

---

**SECTION 11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

Inhalation  
Skin contact  
Ingestion  
Eye contact

**Acute toxicity**

Not classified based on available information.

**Product:**

Acute oral toxicity	:	Acute toxicity estimate: > 2,000 mg/kg Method: Calculation method
Acute inhalation toxicity	:	Acute toxicity estimate: > 20 mg/l

---

**HIGH SOLIDS ENAMEL PAINT, Flat White, 453  
g**

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

---

Exposure time: 4 h  
Test atmosphere: vapor  
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: > 2,000 mg/kg  
Method: Calculation method

**Components:****Limestone:**

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg  
Method: OECD Test Guideline 420  
Assessment: The substance or mixture has no acute oral toxicity  
Remarks: Based on data from similar materials

Acute inhalation toxicity : LC50 (Rat): > 3 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403  
Assessment: The substance or mixture has no acute inhalation toxicity  
Remarks: Based on data from similar materials

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg  
Method: OECD Test Guideline 402  
Assessment: The substance or mixture has no acute dermal toxicity  
Remarks: Based on data from similar materials

**Propane:**

Acute inhalation toxicity : LC50 (Rat): > 800000 ppm  
Exposure time: 15 min  
Test atmosphere: gas

**Acetone:**

Acute oral toxicity : LD50 (Rat): 5,800 mg/kg

Acute inhalation toxicity : LC50 (Rat): 76 mg/l  
Exposure time: 4 h  
Test atmosphere: vapor

Acute dermal toxicity : LD50 (Rabbit): 7,426 mg/kg

**Butane:**

Acute inhalation toxicity : LC50 (Rat): 658 mg/l  
Exposure time: 4 h  
Test atmosphere: vapor

**Isobutyl acetate:**

## HIGH SOLIDS ENAMEL PAINT, Flat White, 453 g

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

---

Acute oral toxicity : LD50 (Rat): 13,413 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 21.1 mg/l  
Exposure time: 4 h  
Test atmosphere: vapor  
Method: OECD Test Guideline 403

LC50 (Rat): 21.2 mg/l  
Exposure time: 4 h  
Test atmosphere: vapor  
Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 (Rabbit): > 17,400 mg/kg

### **Titanium dioxide:**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 6.82 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Assessment: The substance or mixture has no acute inhalation toxicity

### **Silica gel, precipitated, crystalline free:**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg  
Method: OECD Test Guideline 401  
Remarks: Based on data from similar materials

Acute inhalation toxicity : LC50 (Rat): > 0.69 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Remarks: Based on data from similar materials

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg  
Remarks: Based on data from similar materials

### **2-Methoxy-1-methylethyl acetate:**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

Acute inhalation toxicity : LC0 (Rat): 9.48 mg/l  
Exposure time: 4 h  
Test atmosphere: vapor

Acute dermal toxicity : LD50 (Rat): > 5,000 mg/kg

### **Isobutyl methyl ketone:**

Acute oral toxicity : LD50 (Rat): 2,080 mg/kg

Acute inhalation toxicity : Acute toxicity estimate: 11 mg/l  
Exposure time: 4 h  
Test atmosphere: vapor

## HIGH SOLIDS ENAMEL PAINT, Flat White, 453

g

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

Method: Expert judgment

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg  
Method: OECD Test Guideline 402  
Assessment: The substance or mixture has no acute dermal toxicity

### Pentan-2-one:

Acute oral toxicity : LD50 (Rat): 1,600 - 3,200 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 25.5 mg/l  
Exposure time: 4 h  
Test atmosphere: vapor  
Method: OECD Test Guideline 436

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg  
Remarks: Based on data from similar materials

### Xylene:

Acute oral toxicity : LD50 (Rat): 3,523 mg/kg  
Method: Directive 67/548/EEC, Annex V, B.1.

Acute inhalation toxicity : LC50 (Rat): 27.571 mg/l  
Exposure time: 4 h  
Test atmosphere: vapor

Acute dermal toxicity : LD50 (Rabbit): > 4,200 mg/kg

### 2-(Propyloxy)ethanol:

Acute oral toxicity : LD50 (Mouse): 3,089 mg/kg

Acute dermal toxicity : LD50 (Rabbit): 1,337 mg/kg

### Solvent naphtha (petroleum), light aliphatic:

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg  
Remarks: Based on data from similar materials

Acute inhalation toxicity : LC50 (Rat): > 5 mg/l  
Exposure time: 4 h  
Test atmosphere: vapor  
Assessment: The substance or mixture has no acute inhalation toxicity  
Remarks: Based on data from similar materials

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg  
Assessment: The substance or mixture has no acute dermal toxicity  
Remarks: Based on data from similar materials

### Zirconium octoate:

**HIGH SOLIDS ENAMEL PAINT, Flat White, 453  
g**

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

---

Acute oral toxicity : LD50 (Rat): 2,043 mg/kg  
Remarks: Based on data from similar materials

Acute inhalation toxicity : LC50 (Rat): > 4.3 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 436  
Remarks: Based on data from similar materials

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg  
Method: OECD Test Guideline 402  
Assessment: The substance or mixture has no acute dermal toxicity  
Remarks: Based on data from similar materials

**Skin corrosion/irritation**

Not classified based on available information.

**Components:****Limestone:**

Species : Rabbit  
Method : OECD Test Guideline 404  
Result : No skin irritation  
Remarks : Based on data from similar materials

**Acetone:**

Assessment : Repeated exposure may cause skin dryness or cracking.

**Isobutyl acetate:**

Species : Rabbit  
Result : No skin irritation  
Remarks : Based on data from similar materials

Assessment : Repeated exposure may cause skin dryness or cracking.  
Remarks : Based on national or regional regulation.

**Titanium dioxide:**

Species : Rabbit  
Result : No skin irritation

**Silica gel, precipitated, crystalline free:**

Species : Rabbit  
Method : OECD Test Guideline 404  
Result : No skin irritation  
Remarks : Based on data from similar materials

**2-Methoxy-1-methylethyl acetate:**

Species : Rabbit  
Result : No skin irritation

**HIGH SOLIDS ENAMEL PAINT, Flat White, 453  
g**

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

---

**Isobutyl methyl ketone:**

Species	: Rabbit
Method	: OECD Test Guideline 404
Result	: No skin irritation

Assessment	: Repeated exposure may cause skin dryness or cracking.
------------	---

**Pentan-2-one:**

Species	: Rabbit
Method	: OECD Test Guideline 404
Result	: No skin irritation
Remarks	: Based on data from similar materials

**Xylene:**

Species	: Rabbit
Result	: Skin irritation

**2-(Propyloxy)ethanol:**

Species	: Rabbit
Result	: No skin irritation

**Solvent naphtha (petroleum), light aliphatic:**

Species	: Rabbit
Result	: No skin irritation

**Zirconium octoate:**

Species	: Rabbit
Method	: OECD Test Guideline 404
Result	: No skin irritation

**Serious eye damage/eye irritation**

Causes serious eye irritation.

**Components:****Limestone:**

Species	: Rabbit
Result	: No eye irritation
Method	: OECD Test Guideline 405
Remarks	: Based on data from similar materials

**Acetone:**

Species	: Rabbit
Result	: Irritation to eyes, reversing within 21 days
Method	: OECD Test Guideline 405



**HIGH SOLIDS ENAMEL PAINT, Flat White, 453  
g**

Version 5.0      Revision Date: 10/06/2022      SDS Number: 10789041-00006      Date of last issue: 06/08/2022  
Date of first issue: 10/23/2017

---

**Isobutyl acetate:**

Species : Rabbit  
Result : No eye irritation  
Method : OECD Test Guideline 405  
Remarks : Based on data from similar materials

**Titanium dioxide:**

Species : Rabbit  
Result : No eye irritation

**Silica gel, precipitated, crystalline free:**

Species : Rabbit  
Result : No eye irritation  
Method : OECD Test Guideline 405  
Remarks : Based on data from similar materials

**2-Methoxy-1-methylethyl acetate:**

Species : Rabbit  
Result : No eye irritation

**Isobutyl methyl ketone:**

Species : Human  
Result : Irritation to eyes, reversing within 21 days

**Pentan-2-one:**

Species : Rabbit  
Result : Irritation to eyes, reversing within 7 days

**Xylene:**

Species : Rabbit  
Result : Irritation to eyes, reversing within 21 days

**2-(Propyloxy)ethanol:**

Species : Rabbit  
Result : Irritation to eyes, reversing within 21 days

**Solvent naphtha (petroleum), light aliphatic:**

Species : Rabbit  
Result : No eye irritation

**Zirconium octoate:**

Species : Rabbit  
Result : No eye irritation  
Method : OECD Test Guideline 405

**HIGH SOLIDS ENAMEL PAINT, Flat White, 453  
g**

Version 5.0      Revision Date: 10/06/2022      SDS Number: 10789041-00006      Date of last issue: 06/08/2022  
Date of first issue: 10/23/2017

---

**Respiratory or skin sensitization****Skin sensitization**

Not classified based on available information.

**Respiratory sensitization**

Not classified based on available information.

**Components:****Limestone:**

Test Type : Local lymph node assay (LLNA)  
Routes of exposure : Skin contact  
Species : Mouse  
Method : OECD Test Guideline 429  
Result : negative  
Remarks : Based on data from similar materials

**Acetone:**

Test Type : Maximization Test  
Routes of exposure : Skin contact  
Species : Guinea pig  
Result : negative

**Isobutyl acetate:**

Test Type : Maximization Test  
Routes of exposure : Skin contact  
Species : Guinea pig  
Method : OECD Test Guideline 406  
Result : negative

**Titanium dioxide:**

Test Type : Local lymph node assay (LLNA)  
Routes of exposure : Skin contact  
Species : Mouse  
Result : negative

**2-Methoxy-1-methylethyl acetate:**

Test Type : Maximization Test  
Routes of exposure : Skin contact  
Species : Guinea pig  
Method : OECD Test Guideline 406  
Result : negative

**Isobutyl methyl ketone:**

Test Type : Maximization Test  
Routes of exposure : Skin contact  
Species : Guinea pig  
Method : OECD Test Guideline 406  
Result : negative

**HIGH SOLIDS ENAMEL PAINT, Flat White, 453  
g**

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

---

**Pentan-2-one:**

Test Type	: Buehler Test
Routes of exposure	: Skin contact
Species	: Guinea pig
Method	: OECD Test Guideline 406
Result	: negative
Remarks	: Based on data from similar materials

**Xylene:**

Test Type	: Local lymph node assay (LLNA)
Routes of exposure	: Skin contact
Species	: Mouse
Result	: negative

**2-(Propyloxy)ethanol:**

Test Type	: Buehler Test
Routes of exposure	: Skin contact
Species	: Guinea pig
Method	: OECD Test Guideline 406
Result	: negative

**Solvent naphtha (petroleum), light aliphatic:**

Test Type	: Buehler Test
Routes of exposure	: Skin contact
Species	: Guinea pig
Result	: negative
Remarks	: Based on data from similar materials

**Zirconium octoate:**

Test Type	: Maximization Test
Routes of exposure	: Skin contact
Species	: Guinea pig
Result	: negative
Remarks	: Based on data from similar materials

**Germ cell mutagenicity**

Not classified based on available information.

**Components:****Limestone:**

Genotoxicity in vitro	: Test Type: Bacterial reverse mutation assay (AMES) Method: OECD Test Guideline 471 Result: negative Remarks: Based on data from similar materials
	Test Type: Chromosome aberration test in vitro Method: OECD Test Guideline 473 Result: negative

**HIGH SOLIDS ENAMEL PAINT, Flat White, 453****g**

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

---

Remarks: Based on data from similar materials

Test Type: In vitro mammalian cell gene mutation test  
Method: OECD Test Guideline 476  
Result: negative  
Remarks: Based on data from similar materials

**Propane:**

Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)  
Result: negative

Genotoxicity in vivo : Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay)  
Species: Rat  
Application Route: inhalation (gas)  
Method: OECD Test Guideline 474  
Result: negative

**Acetone:**

Genotoxicity in vitro : Test Type: In vitro mammalian cell gene mutation test  
Result: negative

Test Type: Bacterial reverse mutation assay (AMES)  
Result: negative

Test Type: Chromosome aberration test in vitro  
Result: negative

Genotoxicity in vivo : Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay)  
Species: Mouse  
Application Route: Ingestion  
Result: negative

**Butane:**

Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)  
Result: negative

Genotoxicity in vivo : Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay)  
Species: Rat  
Application Route: inhalation (gas)  
Method: OECD Test Guideline 474  
Result: negative  
Remarks: Based on data from similar materials

**Isobutyl acetate:**

Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)  
Method: OECD Test Guideline 471  
Result: negative

## HIGH SOLIDS ENAMEL PAINT, Flat White, 453

g

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

---

Test Type: In vitro mammalian cell gene mutation test  
Result: negative  
Remarks: Based on data from similar materials

Test Type: Chromosome aberration test in vitro  
Method: OECD Test Guideline 473  
Result: negative

Genotoxicity in vivo : Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay)  
Species: Mouse  
Application Route: Ingestion  
Method: OECD Test Guideline 474  
Result: negative  
Remarks: Based on data from similar materials

**Titanium dioxide:**

Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)  
Result: negative

Genotoxicity in vivo : Test Type: In vivo micronucleus test  
Species: Mouse  
Result: negative

**Silica gel, precipitated, crystalline free:**

Genotoxicity in vitro : Test Type: Chromosome aberration test in vitro  
Result: negative  
Remarks: Based on data from similar materials

Genotoxicity in vivo : Test Type: Rodent dominant lethal test (germ cell) (in vivo)  
Species: Rat  
Application Route: Ingestion  
Result: negative  
Remarks: Based on data from similar materials

**2-Methoxy-1-methylethyl acetate:**

Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)  
Result: negative

Test Type: DNA damage and repair, unscheduled DNA synthesis in mammalian cells (in vitro)  
Result: negative

Test Type: In vitro mammalian cell gene mutation test  
Result: negative  
Remarks: Based on data from similar materials

**Isobutyl methyl ketone:**

Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)  
Result: negative

## HIGH SOLIDS ENAMEL PAINT, Flat White, 453

### g

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

---

Genotoxicity in vivo	:	Test Type: In vitro mammalian cell gene mutation test Result: equivocal
	:	Test Type: Chromosome aberration test in vitro Result: negative
	:	Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay) Species: Mouse Application Route: Intraperitoneal injection Method: OECD Test Guideline 474 Result: negative

#### **Pentan-2-one:**

Genotoxicity in vitro	:	Test Type: Bacterial reverse mutation assay (AMES) Method: Directive 67/548/EEC, Annex V, B.13/14. Result: negative
	:	Test Type: In vitro mammalian cell gene mutation test Method: OECD Test Guideline 476 Result: negative
	:	Test Type: Chromosome aberration test in vitro Method: OECD Test Guideline 473 Result: negative
Genotoxicity in vivo	:	Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay) Species: Mouse Application Route: Intraperitoneal injection Result: negative Remarks: Based on data from similar materials

#### **Xylene:**

Genotoxicity in vitro	:	Test Type: Bacterial reverse mutation assay (AMES) Result: negative
	:	Test Type: Chromosome aberration test in vitro Result: negative
	:	Test Type: In vitro mammalian cell gene mutation test Result: negative
	:	Test Type: In vitro sister chromatid exchange assay in mammalian cells Result: negative
Genotoxicity in vivo	:	Test Type: Rodent dominant lethal test (germ cell) (in vivo) Species: Mouse Application Route: Skin contact Result: negative

**HIGH SOLIDS ENAMEL PAINT, Flat White, 453****g**

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

---

**2-(Propyloxy)ethanol:**

Genotoxicity in vitro : Test Type: In vitro mammalian cell gene mutation test  
Method: OECD Test Guideline 476  
Result: negative

Test Type: Bacterial reverse mutation assay (AMES)  
Method: OECD Test Guideline 471  
Result: negative

Test Type: Chromosome aberration test in vitro  
Method: OECD Test Guideline 473  
Result: negative

**Solvent naphtha (petroleum), light aliphatic:**

Genotoxicity in vitro : Test Type: In vitro mammalian cell gene mutation test  
Result: negative

Genotoxicity in vivo : Test Type: Mammalian erythrocyte micronucleus test (in vivo  
cytogenetic assay)  
Species: Rat  
Application Route: Inhalation  
Method: OPPTS 870.5395  
Result: negative

**Zirconium octoate:**

Genotoxicity in vitro : Test Type: Chromosome aberration test in vitro  
Method: OECD Test Guideline 473  
Result: negative  
Remarks: Based on data from similar materials

Genotoxicity in vivo : Test Type: Mammalian erythrocyte micronucleus test (in vivo  
cytogenetic assay)  
Species: Mouse  
Application Route: Ingestion  
Method: OECD Test Guideline 474  
Result: negative  
Remarks: Based on data from similar materials

**Carcinogenicity**

Not classified based on available information.

**Product:**

Carcinogenicity - Assessment : No data available

**Components:****Acetone:**

Species : Mouse  
Application Route : Skin contact  
Exposure time : 424 days

## HIGH SOLIDS ENAMEL PAINT, Flat White, 453

### g

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

---

Result : negative

#### Titanium dioxide:

Species : Rat  
 Application Route : inhalation (dust/mist/fume)  
 Exposure time : 2 Years  
 Method : OECD Test Guideline 453  
 Result : positive  
 Remarks : The mechanism or mode of action may not be relevant in humans.

Carcinogenicity - Assessment : Limited evidence of carcinogenicity in inhalation studies with animals.

#### Silica gel, precipitated, crystalline free:

Species : Rat  
 Application Route : Ingestion  
 Exposure time : 103 weeks  
 Result : negative  
 Remarks : Based on data from similar materials

#### 2-Methoxy-1-methylethyl acetate:

Species : Rat  
 Application Route : inhalation (vapor)  
 Exposure time : 2 Years  
 Result : negative  
 Remarks : Based on data from similar materials

#### Isobutyl methyl ketone:

Species : Rat  
 Application Route : inhalation (vapor)  
 Exposure time : 2 Years  
 Method : OECD Test Guideline 451  
 Result : positive

Species : Mouse  
 Application Route : inhalation (vapor)  
 Exposure time : 2 Years  
 Method : OECD Test Guideline 451  
 Result : positive

Carcinogenicity - Assessment : Limited evidence of carcinogenicity in animal studies

#### Xylene:

Species : Rat  
 Application Route : Ingestion  
 Exposure time : 103 weeks  
 Result : negative



**HIGH SOLIDS ENAMEL PAINT, Flat White, 453  
g**

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

---

**Reproductive toxicity**

Not classified based on available information.

**Product:**

Reproductive toxicity - Assessment : No data available

**Components:****Limestone:**Effects on fertility : Test Type: Combined repeated dose toxicity study with the reproduction/developmental toxicity screening test  
Species: Rat  
Application Route: Ingestion  
Method: OECD Test Guideline 422  
Result: negative  
Remarks: Based on data from similar materialsEffects on fetal development : Test Type: Combined repeated dose toxicity study with the reproduction/developmental toxicity screening test  
Species: Rat  
Application Route: Ingestion  
Method: OECD Test Guideline 422  
Result: negative  
Remarks: Based on data from similar materials**Propane:**Effects on fertility : Test Type: Combined repeated dose toxicity study with the reproduction/developmental toxicity screening test  
Species: Rat  
Application Route: inhalation (gas)  
Method: OECD Test Guideline 422  
Result: negativeEffects on fetal development : Test Type: Combined repeated dose toxicity study with the reproduction/developmental toxicity screening test  
Species: Rat  
Application Route: inhalation (gas)  
Method: OECD Test Guideline 422  
Result: negative**Acetone:**Effects on fertility : Test Type: One-generation reproduction toxicity study  
Species: Rat  
Application Route: Ingestion  
Result: negativeEffects on fetal development : Test Type: Embryo-fetal development  
Species: Rat  
Application Route: inhalation (vapor)  
Result: negative

## HIGH SOLIDS ENAMEL PAINT, Flat White, 453

g

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

---

**Butane:**

Effects on fertility : Test Type: Combined repeated dose toxicity study with the reproduction/developmental toxicity screening test  
Species: Rat  
Application Route: inhalation (gas)  
Method: OECD Test Guideline 422  
Result: negative

Effects on fetal development : Test Type: Combined repeated dose toxicity study with the reproduction/developmental toxicity screening test  
Application Route: inhalation (gas)  
Method: OECD Test Guideline 422  
Result: negative

**Isobutyl acetate:**

Effects on fertility : Test Type: Two-generation reproduction toxicity study  
Species: Rat  
Application Route: inhalation (vapor)  
Method: OPPTS 870.3800  
Result: negative  
Remarks: Based on data from similar materials

Effects on fetal development : Test Type: Embryo-fetal development  
Species: Rat  
Application Route: Inhalation  
Result: negative  
Remarks: Based on data from similar materials

**Silica gel, precipitated, crystalline free:**

Effects on fetal development : Test Type: Embryo-fetal development  
Species: Rat  
Application Route: Ingestion  
Result: negative  
Remarks: Based on data from similar materials

**2-Methoxy-1-methylethyl acetate:**

Effects on fertility : Test Type: Two-generation reproduction toxicity study  
Species: Rat  
Application Route: inhalation (vapor)  
Method: OECD Test Guideline 416  
Result: negative  
Remarks: Based on data from similar materials

Effects on fetal development : Test Type: Embryo-fetal development  
Species: Rat  
Application Route: inhalation (vapor)  
Result: negative

**Isobutyl methyl ketone:**

|| Effects on fertility : Test Type: Two-generation reproduction toxicity study

**HIGH SOLIDS ENAMEL PAINT, Flat White, 453  
g**

Version 5.0      Revision Date: 10/06/2022      SDS Number: 10789041-00006      Date of last issue: 06/08/2022  
Date of first issue: 10/23/2017

---

Species: Rat  
Application Route: inhalation (vapor)  
Result: negative

Effects on fetal development : Test Type: Embryo-fetal development  
Species: Rat  
Application Route: inhalation (vapor)  
Result: negative

**Pentan-2-one:**

Effects on fertility : Test Type: Reproduction/Developmental toxicity screening test  
Species: Rat  
Application Route: inhalation (vapor)  
Method: OECD Test Guideline 421  
Result: negative

Effects on fetal development : Test Type: Embryo-fetal development  
Species: Rat  
Application Route: inhalation (vapor)  
Method: OECD Test Guideline 414  
Result: negative

**Xylene:**

Effects on fertility : Test Type: One-generation reproduction toxicity study  
Species: Rat  
Application Route: inhalation (vapor)  
Result: negative

Effects on fetal development : Test Type: Embryo-fetal development  
Species: Rat  
Application Route: inhalation (vapor)  
Result: negative

**2-(Propyloxy)ethanol:**

Effects on fetal development : Test Type: Embryo-fetal development  
Species: Rabbit  
Application Route: inhalation (vapor)  
Result: negative

**Solvent naphtha (petroleum), light aliphatic:**

Effects on fertility : Test Type: Two-generation reproduction toxicity study  
Species: Rat  
Application Route: inhalation (vapor)  
Result: negative

Effects on fetal development : Test Type: Embryo-fetal development  
Species: Rat  
Application Route: inhalation (vapor)  
Result: negative

**HIGH SOLIDS ENAMEL PAINT, Flat White, 453  
g**

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

---

**Zirconium octoate:**

- Effects on fertility : Test Type: Fertility/early embryonic development  
Species: Rat  
Application Route: Ingestion  
Result: negative  
Remarks: Based on data from similar materials
- Effects on fetal development : Test Type: Embryo-fetal development  
Species: Rat  
Application Route: Ingestion  
Result: positive  
Remarks: Based on data from similar materials
- Reproductive toxicity - Assessment : Some evidence of adverse effects on development, based on animal experiments.

**STOT-single exposure**

May cause drowsiness or dizziness.

**Components:****Propane:**

Assessment : May cause drowsiness or dizziness.

**Acetone:**

Assessment : May cause drowsiness or dizziness.

**Butane:**

Assessment : May cause drowsiness or dizziness.

**Isobutyl acetate:**

Assessment : May cause drowsiness or dizziness.  
Remarks : Based on data from similar materials

**2-Methoxy-1-methylethyl acetate:**

Assessment : May cause drowsiness or dizziness.

**Isobutyl methyl ketone:**

Assessment : May cause drowsiness or dizziness.

**Xylene:**

Assessment : May cause respiratory irritation.

**STOT-repeated exposure**

May cause damage to organs (Auditory system, Central nervous system, Kidney) through prolonged or repeated exposure.

**HIGH SOLIDS ENAMEL PAINT, Flat White, 453  
g**

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

---

**Components:****Xylene:**

Routes of exposure	:	inhalation (vapor)
Target Organs	:	Auditory system
Assessment	:	Shown to produce significant health effects in animals at concentrations of >0.2 to 1 mg/l/6h/d.

**Solvent naphtha (petroleum), light aliphatic:**

Target Organs	:	Central nervous system, Kidney
Assessment	:	Shown to produce significant health effects in animals at concentrations of >0.2 to 1 mg/l/6h/d.

**Repeated dose toxicity****Components:****Limestone:**

Species	:	Rat
NOAEL	:	> 300 mg/kg
Application Route	:	Ingestion
Exposure time	:	28 Days
Method	:	OECD Test Guideline 422
Remarks	:	Based on data from similar materials

**Propane:**

Species	:	Rat
NOAEL	:	7.214 mg/l
Application Route	:	inhalation (gas)
Exposure time	:	6 Weeks
Method	:	OECD Test Guideline 422

**Acetone:**

Species	:	Rat
NOAEL	:	900 mg/kg
LOAEL	:	1,700 mg/kg
Application Route	:	Ingestion
Exposure time	:	90 Days

Species	:	Rat
NOAEL	:	45 mg/l
Application Route	:	inhalation (vapor)
Exposure time	:	8 Weeks

**Butane:**

Species	:	Rat
NOAEL	:	9000 ppm
Application Route	:	inhalation (gas)
Exposure time	:	6 Weeks
Method	:	OECD Test Guideline 422

**HIGH SOLIDS ENAMEL PAINT, Flat White, 453  
g**

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

---

**Isobutyl acetate:**

Species : Rat  
NOAEL : > 100 mg/kg  
Application Route : Ingestion  
Exposure time : 92 Days  
Remarks : Based on data from similar materials

Species : Rat  
NOAEL : > 2.4 mg/l  
Application Route : inhalation (vapor)  
Exposure time : 13 Weeks  
Remarks : Based on data from similar materials

**Titanium dioxide:**

Species : Rat  
NOAEL : 24,000 mg/kg  
Application Route : Ingestion  
Exposure time : 28 Days

Species : Rat  
NOAEL : 10 mg/m<sup>3</sup>  
Application Route : inhalation (dust/mist/fume)  
Exposure time : 2 y

**Silica gel, precipitated, crystalline free:**

Species : Rat  
NOAEL : > 4,500 mg/kg  
Application Route : Ingestion  
Exposure time : 90 Days  
Remarks : Based on data from similar materials

**2-Methoxy-1-methylethyl acetate:**

Species : Rat  
NOAEL : > 1,000 mg/kg  
Application Route : Ingestion  
Exposure time : 41 - 45 Days  
Method : OECD Test Guideline 422

Species : Mouse  
NOAEL : 1.62 mg/l  
Application Route : inhalation (vapor)  
Exposure time : 2 y  
Remarks : Based on data from similar materials

Species : Rabbit  
NOAEL : > 1,838 mg/kg  
Application Route : Skin contact  
Exposure time : 90 Days  
Remarks : Based on data from similar materials

**HIGH SOLIDS ENAMEL PAINT, Flat White, 453  
g**

Version 5.0      Revision Date: 10/06/2022      SDS Number: 10789041-00006      Date of last issue: 06/08/2022  
Date of first issue: 10/23/2017

---

**Isobutyl methyl ketone:**

Species : Rat  
NOAEL : 250 mg/kg  
LOAEL : 1,000 mg/kg  
Application Route : Ingestion  
Exposure time : 13 Weeks

Species : Rat  
NOAEL : 4.106 mg/l  
Application Route : inhalation (vapor)  
Exposure time : 14 Weeks

**Pentan-2-one:**

Species : Rat  
NOAEL : 5.28 mg/l  
Application Route : inhalation (vapor)  
Exposure time : 13 Weeks  
Method : OECD Test Guideline 413

**Xylene:**

Species : Rat  
LOAEL : > 0.2 - 1 mg/l  
Application Route : inhalation (vapor)  
Exposure time : 13 Weeks  
Remarks : Based on data from similar materials

Species : Rat  
LOAEL : 150 mg/kg  
Application Route : Ingestion  
Exposure time : 90 Days

**2-(Propyloxy)ethanol:**

Species : Rat  
LOAEL : 195 mg/kg  
Application Route : Ingestion  
Exposure time : 6 Weeks

**Zirconium octoate:**

Species : Rat  
NOAEL : 300 mg/kg  
Application Route : Ingestion  
Exposure time : 91 - 93 Days  
Remarks : Based on data from similar materials

**Aspiration toxicity**

Not classified based on available information.

## HIGH SOLIDS ENAMEL PAINT, Flat White, 453

g

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

### Components:

#### **Acetone:**

The substance or mixture causes concern owing to the assumption that it causes a human aspiration toxicity hazard.

#### **Isobutyl methyl ketone:**

|| The substance or mixture causes concern owing to the assumption that it causes a human aspiration toxicity hazard.

#### **Pentan-2-one:**

The substance or mixture causes concern owing to the assumption that it causes a human aspiration toxicity hazard.

#### **Xylene:**

The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard.

#### **Solvent naphtha (petroleum), light aliphatic:**

The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard.

## SECTION 12. ECOLOGICAL INFORMATION

### **Ecotoxicity**

#### Components:

##### **Limestone:**

- |   |   |  |
|---|---|--|
| Toxicity to fish                                    | : | LL50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l<br>Exposure time: 96 h<br>Test substance: Water Accommodated Fraction<br>Method: OECD Test Guideline 203<br>Remarks: Based on data from similar materials   |
| Toxicity to daphnia and other aquatic invertebrates | : | LL50 (Daphnia magna (Water flea)): > 100 mg/l<br>Exposure time: 48 h<br>Test substance: Water Accommodated Fraction<br>Method: OECD Test Guideline 202<br>Remarks: Based on data from similar materials  |
| Toxicity to algae/aquatic plants                    | : | EL50 (Desmodesmus subspicatus (green algae)): > 14 mg/l<br>Exposure time: 72 h<br>Test substance: Water Accommodated Fraction<br>Method: OECD Test Guideline 201<br>Remarks: No toxicity at the limit of solubility.<br>Based on data from similar materials |
|   |   | EL10 (Desmodesmus subspicatus (green algae)): > 14 mg/l  |



## HIGH SOLIDS ENAMEL PAINT, Flat White, 453

### g

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

---

Exposure time: 72 h  
 Test substance: Water Accommodated Fraction  
 Method: OECD Test Guideline 201  
 Remarks: No toxicity at the limit of solubility.  
 Based on data from similar materials

Toxicity to microorganisms : EC50: > 100 mg/l  
 Exposure time: 3 h  
 Method: OECD Test Guideline 209  
 Remarks: Based on data from similar materials

#### Acetone:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 5,540 mg/l  
 Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia pulex (Water flea)): 8,800 mg/l  
 Exposure time: 48 h

Toxicity to algae/aquatic plants : NOEC (Pseudokirchneriella subcapitata (green algae)): 7,000 mg/l  
 Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): >= 79 mg/l  
 Exposure time: 21 d  
 Method: OECD Test Guideline 211

Toxicity to microorganisms : EC50: 61,150 mg/l  
 Exposure time: 30 min  
 Method: ISO 8192

#### Isobutyl acetate:

Toxicity to fish : LC50 (Oryzias latipes (Japanese medaka)): 16.6 mg/l  
 Exposure time: 96 h  
 Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 24.6 mg/l  
 Exposure time: 48 h  
 Method: OECD Test Guideline 202

Toxicity to algae/aquatic plants : EL50 (Pseudokirchneriella subcapitata (green algae)): 397 mg/l  
 Exposure time: 72 h  
 Test substance: Water Accommodated Fraction  
 Method: OECD Test Guideline 201

NOELR (Pseudokirchneriella subcapitata (green algae)): 196 mg/l  
 Exposure time: 72 h  
 Test substance: Water Accommodated Fraction  
 Method: OECD Test Guideline 201

Toxicity to daphnia and other : NOEC (Daphnia magna (Water flea)): 23.2 mg/l

## HIGH SOLIDS ENAMEL PAINT, Flat White, 453

### g

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

---

aquatic invertebrates (Chronic toxicity) : Exposure time: 21 d  
Method: OECD Test Guideline 211

Toxicity to microorganisms : EC10 (Pseudomonas putida): 487 mg/l  
Exposure time: 6 h

#### Titanium dioxide:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 100 mg/l  
Exposure time: 48 h

Toxicity to algae/aquatic plants : EC50 (Skeletonema costatum (marine diatom)): > 10,000 mg/l  
Exposure time: 72 h

Toxicity to microorganisms : EC50: > 1,000 mg/l  
Exposure time: 3 h  
Method: OECD Test Guideline 209

#### Silica gel, precipitated, crystalline free:

Toxicity to fish : LL50 (Danio rerio (zebra fish)): > 10,000 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203  
Remarks: Based on data from similar materials

Toxicity to daphnia and other aquatic invertebrates : EL50 (Daphnia magna (Water flea)): > 1,000 mg/l  
Exposure time: 24 h  
Method: OECD Test Guideline 202  
Remarks: Based on data from similar materials

Toxicity to algae/aquatic plants : EL50 (Scenedesmus subspicatus): > 10,000 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201  
Remarks: Based on data from similar materials

#### 2-Methoxy-1-methylethyl acetate:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 - 180 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 500 mg/l  
Exposure time: 48 h

Toxicity to algae/aquatic plants : ErC50 (Pseudokirchneriella subcapitata (green algae)): > 1,000 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 201

## HIGH SOLIDS ENAMEL PAINT, Flat White, 453

### g

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

NOEC (Pseudokirchneriella subcapitata (algae)): > 1,000 mg/l  
 Exposure time: 96 h  
 Method: OECD Test Guideline 201

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): >= 100 mg/l  
 Exposure time: 21 d  
 Method: OECD Test Guideline 211

Toxicity to microorganisms : EC10: > 1,000 mg/l  
 Exposure time: 0.5 h

#### Isobutyl methyl ketone:

Toxicity to fish : LC50 (Danio rerio (zebra fish)): > 179 mg/l  
 Exposure time: 96 h  
 Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 200 mg/l  
 Exposure time: 48 h  
 Method: OECD Test Guideline 202

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): 30 mg/l  
 Exposure time: 21 d

#### Pentan-2-one:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 1,240 mg/l  
 Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 110 mg/l  
 Exposure time: 48 h  
 Method: OECD Test Guideline 202

Toxicity to algae/aquatic plants : ErC50 (Pseudokirchneriella subcapitata (green algae)): > 150 mg/l  
 Exposure time: 72 h  
 Method: OECD Test Guideline 201

NOEC (Pseudokirchneriella subcapitata (green algae)): 73.77 mg/l  
 Exposure time: 72 h  
 Method: OECD Test Guideline 201

#### Xylene:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 13.5 mg/l  
 Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 1 - 10 mg/l  
 Exposure time: 24 h  
 Method: OECD Test Guideline 202  
 Remarks: Based on data from similar materials

## HIGH SOLIDS ENAMEL PAINT, Flat White, 453 g

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

---

Toxicity to algae/aquatic plants : EC50 (Skeletonema costatum (marine diatom)): 10 mg/l  
Exposure time: 72 h

Toxicity to fish (Chronic toxicity) : NOEC (Danio rerio (zebra fish)): > 0.1 - < 1 mg/l  
Exposure time: 35 d  
Method: OECD Test Guideline 210  
Remarks: Based on data from similar materials

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : EL10 (Daphnia magna (Water flea)): > 1 - 10 mg/l  
Exposure time: 21 d  
Method: OECD Test Guideline 211  
Remarks: Based on data from similar materials

Toxicity to microorganisms : NOEC: > 100 mg/l  
Exposure time: 3 h  
Method: OECD Test Guideline 209  
Remarks: Based on data from similar materials

### 2-(Propyloxy)ethanol:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): > 5,000 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 5,000 mg/l  
Exposure time: 48 h

Toxicity to algae/aquatic plants : NOEC (Pseudokirchneriella subcapitata (green algae)): >= 100 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

ErC50 (Pseudokirchneriella subcapitata (green algae)): > 100 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

Toxicity to microorganisms : IC50: > 1,000 mg/l  
Exposure time: 16 h

### Solvent naphtha (petroleum), light aliphatic:

Toxicity to fish : LL50 (Pimephales promelas (fathead minnow)): 8.2 mg/l  
Exposure time: 96 h  
Test substance: Water Accommodated Fraction  
Remarks: Based on data from similar materials

Toxicity to daphnia and other aquatic invertebrates : EL50 (Daphnia magna (Water flea)): 4.5 mg/l  
Exposure time: 48 h  
Test substance: Water Accommodated Fraction  
Method: OECD Test Guideline 202  
Remarks: Based on data from similar materials

Toxicity to algae/aquatic plants : EL50 (Pseudokirchneriella subcapitata (green algae)): 3.1 mg/l

## HIGH SOLIDS ENAMEL PAINT, Flat White, 453

g

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

---

Exposure time: 72 h  
Test substance: Water Accommodated Fraction  
Method: OECD Test Guideline 201  
Remarks: Based on data from similar materials

NOELR (Pseudokirchneriella subcapitata (green algae)): 0.5 mg/l

Exposure time: 72 h  
Test substance: Water Accommodated Fraction  
Method: OECD Test Guideline 201  
Remarks: Based on data from similar materials

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOELR (Daphnia magna (Water flea)): 2.6 mg/l  
Exposure time: 21 d  
Test substance: Water Accommodated Fraction  
Method: OECD Test Guideline 211  
Remarks: Based on data from similar materials

**Zirconium octoate:**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 180 mg/l  
Exposure time: 96 h  
Remarks: Based on data from similar materials

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 0.17 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202  
Remarks: No toxicity at the limit of solubility.

Toxicity to algae/aquatic plants : EC50 (Desmodesmus subspicatus (green algae)): 49.3 mg/l  
Exposure time: 96 h  
Remarks: Based on data from similar materials

EC10 (Desmodesmus subspicatus (green algae)): 32 mg/l  
Exposure time: 96 h  
Remarks: Based on data from similar materials

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): 25 mg/l  
Exposure time: 21 d  
Method: OECD Test Guideline 211  
Remarks: Based on data from similar materials

Toxicity to microorganisms : EC50 (Pseudomonas putida): 112.1 mg/l  
Exposure time: 17 h  
Method: DIN 38 412 Part 8  
Remarks: Based on data from similar materials

**Persistence and degradability****Components:****Propane:**

Biodegradability : Result: Readily biodegradable.  
Biodegradation: 100 %

**HIGH SOLIDS ENAMEL PAINT, Flat White, 453  
g**

Version 5.0      Revision Date: 10/06/2022      SDS Number: 10789041-00006      Date of last issue: 06/08/2022  
Date of first issue: 10/23/2017

---

Exposure time: 385.5 h  
Remarks: Based on data from similar materials

**Acetone:**

Biodegradability : Result: Readily biodegradable.  
Biodegradation: 91 %  
Exposure time: 28 d

**Butane:**

Biodegradability : Result: Readily biodegradable.  
Biodegradation: 100 %  
Exposure time: 385.5 h  
Remarks: Based on data from similar materials

**Isobutyl acetate:**

Biodegradability : Result: Readily biodegradable.  
Biodegradation: 81 %  
Exposure time: 20 d

**2-Methoxy-1-methylethyl acetate:**

Biodegradability : Result: Readily biodegradable.  
Biodegradation: 90 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301F

**Isobutyl methyl ketone:**

Biodegradability : Result: Readily biodegradable.  
Biodegradation: 83 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301F

**Pentan-2-one:**

Biodegradability : Result: Readily biodegradable.  
Biodegradation: 70 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301D

**Xylene:**

Biodegradability : Result: Readily biodegradable.  
Biodegradation: > 70 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301F  
Remarks: Based on data from similar materials

**2-(Propyloxy)ethanol:**

Biodegradability : Result: Readily biodegradable.  
Biodegradation: 100 %  
Exposure time: 20 d

**HIGH SOLIDS ENAMEL PAINT, Flat White, 453  
g**

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

---

**Solvent naphtha (petroleum), light aliphatic:**

Biodegradability : Result: Readily biodegradable.  
Biodegradation: > 60 %  
Exposure time: 28 d  
Remarks: Based on data from similar materials

**Zirconium octoate:**

Biodegradability : Result: Readily biodegradable.  
Biodegradation: 99 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301E  
Remarks: Based on data from similar materials

**Bioaccumulative potential****Components:****Acetone:**

Partition coefficient: n-octanol/water : log Pow: -0.27 - -0.23

**Butane:**

Partition coefficient: n-octanol/water : log Pow: 2.31

**Isobutyl acetate:**

Partition coefficient: n-octanol/water : log Pow: 2.3

**2-Methoxy-1-methylethyl acetate:**

Partition coefficient: n-octanol/water : log Pow: 1.2

**Isobutyl methyl ketone:**

Partition coefficient: n-octanol/water : log Pow: 1.9

**Pentan-2-one:**

Partition coefficient: n-octanol/water : log Pow: 0.857

**Xylene:**

Partition coefficient: n-octanol/water : log Pow: 3.16  
Remarks: Calculation

**2-(Propyloxy)ethanol:**

**HIGH SOLIDS ENAMEL PAINT, Flat White, 453  
g**

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

---

Partition coefficient: n-  
octanol/water : log Pow: 0.673

**Solvent naphtha (petroleum), light aliphatic:**

Partition coefficient: n-  
octanol/water : log Pow: > 4  
Remarks: Expert judgment

**Mobility in soil**

No data available

**Other adverse effects**

No data available

---

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

Waste from residues : Dispose of in accordance with local regulations.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.  
Empty containers retain residue and can be dangerous.  
Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, or other sources of ignition. They may explode and cause injury and/or death.  
If not otherwise specified: Dispose of as unused product.  
Please ensure aerosol cans are sprayed completely empty (including propellant)

---

**SECTION 14. TRANSPORT INFORMATION****International Regulations****UNRTDG**

UN number : UN 1950  
Proper shipping name : AEROSOLS  
Class : 2.1  
Packing group : Not assigned by regulation  
Labels : 2.1

**IATA-DGR**

UN/ID No. : UN 1950  
Proper shipping name : Aerosols, flammable  
Class : 2.1  
Packing group : Not assigned by regulation  
Labels : Flammable Gas  
Packing instruction (cargo aircraft) : 203  
Packing instruction (passenger aircraft) : 203

**IMDG-Code**

UN number : UN 1950

---



# HIGH SOLIDS ENAMEL PAINT, Flat White, 453 g

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

Proper shipping name : AEROSOLS  
(Trizinc bis(orthophosphate), Solvent naphtha (petroleum), light aliphatic)

Class : 2.1

Packing group : Not assigned by regulation

Labels : 2.1

EmS Code : F-D, S-U

Marine pollutant : yes

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

### Domestic regulation

#### TDG

UN number : UN 1950

Proper shipping name : AEROSOLS

Class : 2.1

Packing group : Not assigned by regulation

Labels : 2.1

ERG Code : 126

Marine pollutant : yes(Trizinc bis(orthophosphate), Solvent naphtha (petroleum), light aliphatic)

### Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

## SECTION 15. REGULATORY INFORMATION

**Volatile organic compounds (VOC) content** : CANADIAN ENVIRONMENTAL PROTECTION ACT, 1999 - Guidelines for VOC in Consumer Products  
VOC content: 44 % / 480.8 g/l

### The ingredients of this product are reported in the following inventories:

DSL : All chemical substances in this product comply with the CEPA 1999 and NSNR and are on or exempt from listing on the Canadian Domestic Substances List (DSL).

## SECTION 16. OTHER INFORMATION

### Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)

ACGIH BEI : ACGIH - Biological Exposure Indices (BEI)

CA AB OEL : Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)

CA BC OEL : Canada. British Columbia OEL

CA ON OEL : Ontario Table of Occupational Exposure Limits made under the Occupational Health and Safety Act.

## HIGH SOLIDS ENAMEL PAINT, Flat White, 453

### g

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

---

CA QC OEL	:	Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants
ACGIH / TWA	:	8-hour, time-weighted average
ACGIH / STEL	:	Short-term exposure limit
CA AB OEL / TWA	:	8-hour Occupational exposure limit
CA AB OEL / STEL	:	15-minute occupational exposure limit
CA BC OEL / TWA	:	8-hour time weighted average
CA BC OEL / STEL	:	short-term exposure limit
CA ON OEL / TWA	:	Time-Weighted Average Limit (TWA)
CA QC OEL / TWAEV	:	Time-weighted average exposure value
CA QC OEL / STEV	:	Short-term exposure value

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECl - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECl - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

Sources of key data used to compile the Material Safety Data Sheet	:	Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a>
--	---	---

Revision Date	:	10/06/2022
Date format	:	mm/dd/yyyy

**HIGH SOLIDS ENAMEL PAINT, Flat White, 453****g**

Version	Revision Date:	SDS Number:	Date of last issue: 06/08/2022
5.0	10/06/2022	10789041-00006	Date of first issue: 10/23/2017

---

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

CA / Z8