

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## Final Touch, Flowable finishing putty, 710 mL

Version 4.0      Revision Date: 06/25/2024      SDS Number: 5182984-00007      Date of last issue: 12/06/2023  
Date of first issue: 10/21/2019

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### SECTION 1. IDENTIFICATION

Product name : Final Touch, Flowable finishing putty, 710 mL  
Product code : 892.67900A  
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 : Automotive  
Filler  
  
Restrictions on use : Not applicable

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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS classification in accordance with the Hazardous Products Regulations

Flammable liquids : Category 3  
Acute toxicity (Oral) : Category 4  
Skin irritation : Category 2  
|| Serious eye damage : Category 1

# SAFETY DATA SHEET

according to the Hazardous Products Regulations




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Version 4.0      Revision Date: 06/25/2024      SDS Number: 5182984-00007      Date of last issue: 12/06/2023  
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Skin sensitization	:	Sub-category 1B
Carcinogenicity	:	Category 2
Reproductive toxicity	:	Category 1B
Specific target organ toxicity - single exposure	:	Category 3
Specific target organ toxicity - repeated exposure	:	Category 1 (Auditory system)
Specific target organ toxicity - repeated exposure	:	Category 2 (Kidney)
Aspiration hazard	:	Category 1

### GHS label elements

Hazard pictograms	:	
Signal Word	:	Danger
Hazard Statements	:	H226 Flammable liquid and vapor. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H335 May cause respiratory irritation. H351 Suspected of causing cancer. H360D May damage the unborn child. H372 Causes damage to organs (Auditory system) through prolonged or repeated exposure. H373 May cause damage to organs (Kidney) through prolonged or repeated exposure.
Precautionary Statements	:	<b>Prevention:</b> P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P260 Do not breathe vapors. P264 Wash skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves, protective clothing, eye protection

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## Final Touch, Flowable finishing putty, 710 mL

Version 4.0      Revision Date: 06/25/2024      SDS Number: 5182984-00007      Date of last issue: 12/06/2023  
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and face protection.

### Response:

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

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 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER.

P308 + P313 IF exposed or concerned: Get medical attention.

P331 Do NOT induce vomiting.

P333 + P313 If skin irritation or rash occurs: Get medical attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

### Storage:

P405 Store locked up.

### Disposal:

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

### Other hazards

Vapors may form explosive mixture with air.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Components

Chemical name	Common Name/Synonym	CAS-No.	Concentration (% w/w)
Quartz	Crystallized silicon dioxide	14808-60-7	>= 80 - <= 100 *
2,2'-(m-Tolylimino)diethanol	Ethanol, 2,2'-[(3-methylphenyl)imino]bis-	91-99-6	>= 80 - <= 100 *
Magnesium carbonate	No data available	13717-00-5	>= 80 - <= 100 *
Silicon dioxide	Silica	7631-86-9	>= 80 - <= 100 *
Styrene	Benzene, ethenyl-	100-42-5	>= 10 - < 30 *
Talc	Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )	14807-96-6	>= 10 - < 30 *
Limestone	Calcium carbonate	1317-65-3	>= 10 - < 30 *
Glass, oxide, chemi-	Glass	65997-17-3	>= 5 - < 10 *

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## Final Touch, Flowable finishing putty, 710 mL

Version 4.0      Revision Date: 06/25/2024      SDS Number: 5182984-00007      Date of last issue: 12/06/2023  
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icals			
Titanium dioxide	Titanic anhydride	13463-67-7	$\geq 1 - < 5$ *
N,N-Dimethylacetamide	Acetamide, N,N-dimethyl-	127-19-5	$\geq 0.1 - < 1$ *

\* Actual concentration or concentration range is withheld as a trade secret

### 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.
- In case of skin contact : In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.  
Get medical attention.  
Wash clothing before reuse.  
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 immediately.
- If swallowed : If swallowed, DO NOT induce vomiting.  
If vomiting occurs have person lean forward.  
Call a physician or poison control center immediately.  
Rinse mouth thoroughly with water.  
Never give anything by mouth to an unconscious person.
- Most important symptoms and effects, both acute and delayed : Harmful if swallowed.  
May be fatal if swallowed and enters airways.  
Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye damage.  
May cause respiratory irritation.  
Suspected of causing cancer.  
May damage the unborn child.  
Causes damage to organs through prolonged or repeated exposure.
- 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

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## Final Touch, Flowable finishing putty, 710 mL

Version	Revision Date:	SDS Number:	Date of last issue: 12/06/2023
4.0	06/25/2024	5182984-00007	Date of first issue: 10/21/2019

---

- Suitable extinguishing media : Water spray  
Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during fire fighting : Do not use a solid water stream as it may scatter and spread fire.  
Flash back possible over considerable distance.  
Vapors may form explosive mixtures with air.  
Exposure to combustion products may be a hazard to health.
- Hazardous combustion products : Carbon oxides  
Nitrogen oxides (NO<sub>x</sub>)  
Metal oxides  
Silicon 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.
- 

### 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 absor-

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## Final Touch, Flowable finishing putty, 710 mL

Version	Revision Date:	SDS Number:	Date of last issue: 12/06/2023
4.0	06/25/2024	5182984-00007	Date of first issue: 10/21/2019

---

bent.

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.

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### 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.<br>Use explosion-proof electrical, ventilating and lighting equipment.   |
| Advice on safe handling     | : | Do not get on skin or clothing.<br>Do not breathe vapors.<br>Do not swallow.<br>Do not get in eyes.<br>Wash skin thoroughly after handling.<br>Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment<br>Non-sparking tools should be used.<br>Keep container tightly closed.<br>Already sensitized individuals, and those susceptible to asthma, allergies, chronic or recurrent respiratory disease, should consult their physician regarding working with respiratory irritants or sensitizers.<br>Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>Take precautionary measures against static discharges.<br>Do not eat, drink or smoke when using this product.<br>Take care to prevent spills, waste and minimize release to the environment. |
| Conditions for safe storage | : | Keep in properly labeled containers.<br>Store locked up.<br>Keep tightly closed.<br>Keep in a cool, well-ventilated place.<br>Store in accordance with the particular national regulations.<br>Keep away from heat and sources of ignition.  |
| Materials to avoid          | : | Do not store with the following product types:<br>Strong oxidizing agents<br>Self-reactive substances and mixtures<br>Organic peroxides<br>Flammable solids<br>Pyrophoric liquids<br>Pyrophoric solids   |

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## Final Touch, Flowable finishing putty, 710 mL

Version 4.0      Revision Date: 06/25/2024      SDS Number: 5182984-00007      Date of last issue: 12/06/2023  
Date of first issue: 10/21/2019

Self-heating substances and mixtures  
Substances and mixtures which in contact with water emit flammable gases  
Explosives  
Gases  
Very acutely toxic substances and mixtures

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Quartz	14808-60-7	TWA (Respirable particulates)	0.025 mg/m <sup>3</sup>	CA AB OEL
		TWA (Respirable fraction)	0.1 mg/m <sup>3</sup>	CA ON OEL
		TWAEV (respirable dust)	0.1 mg/m <sup>3</sup>	CA QC OEL
		TWA (Respirable particulate matter)	0.025 mg/m <sup>3</sup> (Silica)	ACGIH
Magnesium carbonate	13717-00-5	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
Silicon dioxide	7631-86-9	TWAEV (respirable dust)	6 mg/m <sup>3</sup>	CA QC OEL
Styrene	100-42-5	TWA	20 ppm 85 mg/m <sup>3</sup>	CA AB OEL
		STEL	40 ppm 170 mg/m <sup>3</sup>	CA AB OEL
		TWA	20 ppm	CA BC OEL
		STEL	40 ppm	CA BC OEL
		TWA	35 ppm	CA ON OEL
		STEL	100 ppm	CA ON OEL
		TWAEV	50 ppm	CA QC OEL
		STEV	75 ppm	CA QC OEL
		TWA	10 ppm	ACGIH
		STEL	20 ppm	ACGIH
Talc	14807-96-6	TWAEV (respirable dust)	2 mg/m <sup>3</sup>	CA QC OEL
		TWA (Res-	2 mg/m <sup>3</sup>	CA AB OEL

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## Final Touch, Flowable finishing putty, 710 mL

Version  
4.0

Revision Date:  
06/25/2024

SDS Number:  
5182984-00007

Date of last issue: 12/06/2023  
Date of first issue: 10/21/2019

		pirable particulates)		
		TWA (Respirable)	2 mg/m <sup>3</sup>	CA BC OEL
		TWA	2 fibres per cubic centimeter	CA ON OEL
		TWA (Respirable fraction)	2 mg/m <sup>3</sup>	CA ON OEL
		TWA (Respirable particulate matter)	2 mg/m <sup>3</sup>	ACGIH
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
Glass, oxide, chemicals	65997-17-3	TWA (fibers)	1 fibres per cubic centimeter	CA AB OEL
		TWA (Total fibres)	5 mg/m <sup>3</sup>	CA AB OEL
		TWA (fibers)	1 fibres per cubic centimeter	CA AB OEL
		TWA (fibers)	1 fibres per cubic centimeter	CA AB OEL
		TWAEV (fibers)	1 fibres per cubic centimeter	CA QC OEL
		TWAEV (fibers)	1 fibres per cubic centimeter	CA QC OEL
		TWAEV (fibers)	1 fibres per cubic centimeter	CA QC OEL
		TWAEV (fibers)	1 fibres per cubic centimeter	CA QC OEL
		TWA	1 fibres per cubic centimeter	CA BC OEL
		TWA (Inhalable)	5 mg/m <sup>3</sup>	CA BC OEL
		TWA	1 fibres per cubic centimeter	CA BC OEL
		TWA	1 fibres per cubic centimeter	CA BC OEL
		TWA	1 fibres per cubic centimeter	CA ON OEL
		TWA (Inhalable fraction)	5 mg/m <sup>3</sup>	CA ON OEL
		TWA	1 fibres per cubic centimeter	CA ON OEL
		TWA	1 fibres per cubic	CA ON OEL



# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## Final Touch, Flowable finishing putty, 710 mL

Version 4.0      Revision Date: 06/25/2024      SDS Number: 5182984-00007      Date of last issue: 12/06/2023  
 Date of first issue: 10/21/2019

			centimeter	
		TWA (fibers)	1 fibres per cubic centimeter	ACGIH
		TWA (Inhalable particulate matter)	5 mg/m <sup>3</sup>	ACGIH
		TWA (fibers)	1 fibres per cubic centimeter	ACGIH
		TWA (fibers)	1 fibres per cubic centimeter	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
N,N-Dimethylacetamide	127-19-5	TWA	10 ppm 36 mg/m <sup>3</sup>	CA AB OEL
		TWA	10 ppm	CA BC OEL
		TWAEV	10 ppm 36 mg/m <sup>3</sup>	CA QC OEL
		TWA	10 ppm	ACGIH

**This substance(s) is not bioavailable and therefore does not contribute to a dust inhalation hazard.**

Quartz

Titanium dioxide

### Biological occupational exposure limits

Components	CAS-No.	Control parameters	Biological specimen	Sampling time	Permissible concentration	Basis
Styrene	100-42-5	Mandelic acid plus phenylglyoxylic acid	Urine	End of shift (As soon as possible after exposure ceases)	150 mg/g creatinine	ACGIH BEI
		Styrene	Urine	End of shift (As soon as possible after exposure ceases)	20 µg/l	ACGIH BEI

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## Final Touch, Flowable finishing putty, 710 mL

Version 4.0      Revision Date: 06/25/2024      SDS Number: 5182984-00007      Date of last issue: 12/06/2023  
Date of first issue: 10/21/2019

N,N-Dimethylacetamide	127-19-5	N-Methylacetamide	Urine	End of shift at end of work-week	30 mg/g creatinine	ACGIH BEI
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**Engineering measures** : Minimize workplace exposure concentrations.  
If sufficient ventilation is unavailable, use with local exhaust ventilation.  
Use explosion-proof electrical, ventilating and lighting equipment.

### 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 : Combined particulates and organic vapor type

### Hand protection

Material : Polyethylene

Material : PVA

Material : PVC

Material : Fluorinated 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:  
Chemical resistant goggles must be worn.  
If splashes are likely to occur, wear:  
Face-shield

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).

Hygiene measures : If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the wor-

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## Final Touch, Flowable finishing putty, 710 mL

Version	Revision Date:	SDS Number:	Date of last issue: 12/06/2023
4.0	06/25/2024	5182984-00007	Date of first issue: 10/21/2019

---

king place.  
When using do not eat, drink or smoke.  
Contaminated work clothing should not be allowed out of the workplace.  
Wash contaminated clothing before re-use.

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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	paste
Color	:	light yellow
Odor	:	hydrocarbon-like
Odor Threshold	:	No data available
pH	:	No data available
Melting point/freezing point	:	No data available
Initial boiling point and boiling range	:	145 °C
Flash point	:	32 °C Method: closed cup
Evaporation rate	:	No data available
Flammability (solid, gas)	:	Not applicable
Flammability (liquids)	:	No data available
Upper explosion limit / Upper flammability limit	:	6.8 %(V)
Lower explosion limit / Lower flammability limit	:	0.9 %(V)
Vapor pressure	:	No data available
Relative vapor density	:	No data available
Relative density	:	0.973
Solubility(ies) Water solubility	:	slightly soluble

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## Final Touch, Flowable finishing putty, 710 mL

Version	Revision Date:	SDS Number:	Date of last issue: 12/06/2023
4.0	06/25/2024	5182984-00007	Date of first issue: 10/21/2019

---

Partition coefficient: n-octanol/water	:	Not applicable
Autoignition temperature	:	490 °C
Decomposition temperature	:	No data available
Viscosity	:	
Viscosity, dynamic	:	31,000 mPa.s
Viscosity, kinematic	:	No data available
Explosive properties	:	Not explosive
Oxidizing properties	:	The substance or mixture is not classified as oxidizing.
Particle characteristics	:	
Particle size	:	Not applicable

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### SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	Not classified as a reactivity hazard.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	Flammable liquid and vapor. Vapors may form explosive mixture with air. 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.

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

Inhalation  
Skin contact  
Ingestion  
Eye contact

#### Acute toxicity

|| Harmful if swallowed.

#### Product:

Acute oral toxicity	:	Acute toxicity estimate: 500 mg/kg Method: Calculation method
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# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## Final Touch, Flowable finishing putty, 710 mL

Version 4.0      Revision Date: 06/25/2024      SDS Number: 5182984-00007      Date of last issue: 12/06/2023  
Date of first issue: 10/21/2019

---

Acute inhalation toxicity : Acute toxicity estimate: > 20 mg/l  
Exposure time: 4 h  
Test atmosphere: vapor  
Method: Calculation method

### **Components:**

#### **Quartz:**

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

#### **2,2'-(m-Tolylimino)diethanol:**

Acute oral toxicity : LD50 (Rat, female): > 300 - 2,000 mg/kg  
Method: OECD Test Guideline 423

Acute dermal toxicity : LD50 (Rat, female): > 2,000 mg/kg  
Method: OECD Test Guideline 402

#### **Magnesium carbonate:**

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

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

#### **Silicon dioxide:**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg  
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rat): > 2.08 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Assessment: The substance or mixture has no acute inhalation toxicity

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

#### **Styrene:**

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

Acute inhalation toxicity : LC50 (Rat): 11.8 mg/l  
Exposure time: 4 h  
Test atmosphere: vapor

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg  
Method: OECD Test Guideline 402

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## Final Touch, Flowable finishing putty, 710 mL

Version 4.0      Revision Date: 06/25/2024      SDS Number: 5182984-00007      Date of last issue: 12/06/2023  
Date of first issue: 10/21/2019

---

Assessment: The substance or mixture has no acute dermal toxicity

### Talc:

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

### 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

### Glass, oxide, chemicals:

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg  
Method: OECD Test Guideline 423  
Assessment: The substance or mixture has no acute oral toxicity  
Remarks: Based on data from similar materials

### 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

### N,N-Dimethylacetamide:

Acute oral toxicity : LD50 (Rat): 4,800 mg/kg

Acute inhalation toxicity : LC50 (Rat): 2.2 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## Final Touch, Flowable finishing putty, 710 mL

Version 4.0      Revision Date: 06/25/2024      SDS Number: 5182984-00007      Date of last issue: 12/06/2023  
Date of first issue: 10/21/2019

---

Acute dermal toxicity : Acute toxicity estimate: 1,100 mg/kg  
Method: Expert judgment  
Remarks: Based on national or regional regulation.

### Skin corrosion/irritation

|| Causes skin irritation.

#### Components:

##### **2,2'-(m-Tolylimino)diethanol:**

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

##### **Magnesium carbonate:**

Species : reconstructed human epidermis (RhE)  
Method : Regulation (EC) No. 440/2008, Annex, B.46  
Result : No skin irritation

##### **Silicon dioxide:**

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

##### **Styrene:**

Species : Rabbit  
Result : Skin irritation

##### **Talc:**

Species : Rabbit  
Result : No skin irritation

##### **Limestone:**

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

##### **Glass, oxide, chemicals:**

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

##### **Titanium dioxide:**

Species : Rabbit

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## Final Touch, Flowable finishing putty, 710 mL

Version 4.0      Revision Date: 06/25/2024      SDS Number: 5182984-00007      Date of last issue: 12/06/2023  
Date of first issue: 10/21/2019

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Result : No skin irritation

### **N,N-Dimethylacetamide:**

Species : Rabbit  
Result : No skin irritation

### **Serious eye damage/eye irritation**

**||** Causes serious eye damage.

#### **Components:**

##### **2,2'-(m-Tolylimino)diethanol:**

Species : Rabbit  
Result : Irreversible effects on the eye  
Remarks : Based on data from similar materials

##### **Magnesium carbonate:**

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

##### **Silicon dioxide:**

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

##### **Styrene:**

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

##### **Talc:**

Species : Rabbit  
Result : No eye irritation

##### **Limestone:**

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

##### **Glass, oxide, chemicals:**

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



# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## Final Touch, Flowable finishing putty, 710 mL

Version 4.0      Revision Date: 06/25/2024      SDS Number: 5182984-00007      Date of last issue: 12/06/2023  
Date of first issue: 10/21/2019

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### Titanium dioxide:

Species : Rabbit  
Result : No eye irritation

### N,N-Dimethylacetamide:

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

### Respiratory or skin sensitization

#### Skin sensitization

|| May cause an allergic skin reaction.

#### Respiratory sensitization

|| Not classified based on available information.

### Components:

#### 2,2'-(m-Tolylimino)diethanol:

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

Assessment : Probability or evidence of low to moderate skin sensitization rate in humans

#### Magnesium carbonate:

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

#### Talc:

Routes of exposure : Skin contact  
Species : Humans  
Result : negative

#### 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

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## Final Touch, Flowable finishing putty, 710 mL

Version 4.0      Revision Date: 06/25/2024      SDS Number: 5182984-00007      Date of last issue: 12/06/2023  
Date of first issue: 10/21/2019

---

### Titanium dioxide:

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

### N,N-Dimethylacetamide:

Routes of exposure : Skin contact  
Species : Guinea pig  
Result : negative

### Germ cell mutagenicity

|| Not classified based on available information.

### Components:

#### 2,2'-(m-Tolylimino)diethanol:

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

Test Type: In vitro mammalian cell gene mutation test  
Method: OECD Test Guideline 490  
Result: negative

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

#### Magnesium carbonate:

Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)  
Result: negative  
Remarks: Based on data from similar materials

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

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

#### Silicon dioxide:

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

Genotoxicity in vivo : Test Type: Mutagenicity (in vivo mammalian bone-marrow cytogenetic test, chromosomal analysis)  
Species: Rat

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## Final Touch, Flowable finishing putty, 710 mL

Version 4.0      Revision Date: 06/25/2024      SDS Number: 5182984-00007      Date of last issue: 12/06/2023  
Date of first issue: 10/21/2019

---

Application Route: Ingestion  
Result: negative

### Styrene:

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: Mouse  
Application Route: inhalation (vapor)  
Method: OECD Test Guideline 474  
Result: negative

### Talc:

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

Genotoxicity in vivo : Test Type: Chromosome aberration test in vitro  
Species: Rat  
Application Route: Ingestion  
Result: negative

### 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  
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

### 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

### N,N-Dimethylacetamide:

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

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## Final Touch, Flowable finishing putty, 710 mL

Version 4.0      Revision Date: 06/25/2024      SDS Number: 5182984-00007      Date of last issue: 12/06/2023  
Date of first issue: 10/21/2019

---

Result: negative

Genotoxicity in vivo : Test Type: Rodent dominant lethal test (germ cell) (in vivo)  
Species: Rat  
Application Route: Inhalation  
Method: OECD Test Guideline 478  
Result: negative

### Carcinogenicity

|| Suspected of causing cancer.

#### Components:

##### Quartz:

Species : Humans  
Application Route : inhalation (dust/mist/fume)  
Result : positive  
Remarks : This substance(s) is not bioavailable and therefore does not contribute to a dust inhalation hazard.

Carcinogenicity - Assessment : Positive evidence from human epidemiological studies (inhalation)

##### Magnesium carbonate:

Species : Mouse  
Application Route : Ingestion  
Exposure time : 18 Months  
Result : negative  
Remarks : Based on data from similar materials

##### Silicon dioxide:

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

##### Styrene:

Species : Rat  
Application Route : inhalation (vapor)  
Exposure time : 104 weeks  
Result : positive  
Remarks : The mechanism or mode of action may not be relevant in humans.

Carcinogenicity - Assessment : Limited evidence of carcinogenicity in animal studies

##### Talc:

Species : Mouse  
Application Route : inhalation (dust/mist/fume)  
Exposure time : 2 Years

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## Final Touch, Flowable finishing putty, 710 mL

Version 4.0      Revision Date: 06/25/2024      SDS Number: 5182984-00007      Date of last issue: 12/06/2023  
Date of first issue: 10/21/2019

---

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.  
This substance(s) is not bioavailable and therefore does not contribute to a dust inhalation hazard.

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

### **N,N-Dimethylacetamide:**

Species : Rat  
Application Route : inhalation (vapor)  
Exposure time : 18 month(s)  
Result : negative

### **Reproductive toxicity**

|| May damage the unborn child.

### **Components:**

#### **2,2'-(m-Tolylimino)diethanol:**

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

Effects on fetal development : Test Type: Reproduction/Developmental toxicity screening test  
Species: Rat  
Application Route: Ingestion  
Method: OECD Test Guideline 421  
Result: negative

#### **Magnesium carbonate:**

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 materials

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## Final Touch, Flowable finishing putty, 710 mL

Version 4.0      Revision Date: 06/25/2024      SDS Number: 5182984-00007      Date of last issue: 12/06/2023  
Date of first issue: 10/21/2019

---

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

### **Silicon dioxide:**

Effects on fetal development : Test Type: Embryo-fetal development  
Species: Rat  
Application Route: Ingestion  
Result: negative

### **Styrene:**

Effects on fertility : Test Type: Three-generation reproduction toxicity study  
Species: Rat  
Application Route: Ingestion  
Result: negative

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

Reproductive toxicity - Assessment : Some evidence of adverse effects on development, based on animal experiments.

### **Talc:**

Effects on fetal development : Test Type: Embryo-fetal development  
Species: Rat  
Application Route: Ingestion  
Result: negative

### **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 materials

Effects 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

### **N,N-Dimethylacetamide:**

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## Final Touch, Flowable finishing putty, 710 mL

Version 4.0      Revision Date: 06/25/2024      SDS Number: 5182984-00007      Date of last issue: 12/06/2023  
Date of first issue: 10/21/2019

---

Effects on fertility : Test Type: One-generation reproduction toxicity study  
Species: Rat  
Application Route: Inhalation  
Result: negative

Effects on fetal development : Test Type: Embryo-fetal development  
Species: Rat  
Application Route: Inhalation  
Result: positive

Reproductive toxicity - Assessment : Clear evidence of adverse effects on development, based on animal experiments.

### STOT-single exposure

|| May cause respiratory irritation.

#### Components:

##### Styrene:

Assessment : May cause respiratory irritation.

### STOT-repeated exposure

|| Causes damage to organs (Auditory system) through prolonged or repeated exposure.  
|| May cause damage to organs (Kidney) through prolonged or repeated exposure.

#### Components:

##### Quartz:

Routes of exposure : inhalation (dust/mist/fume)  
Target Organs : Lungs  
Assessment : Shown to produce significant health effects in animals at concentrations of 0.02 mg/l/6h/d or less.

##### 2,2'-(m-Tolylimino)diethanol:

Routes of exposure : Ingestion  
Target Organs : Kidney  
Assessment : Shown to produce significant health effects in animals at concentrations of >10 to 100 mg/kg bw.

##### Styrene:

Target Organs : Auditory system  
Assessment : Causes damage to organs through prolonged or repeated exposure.

### Repeated dose toxicity

#### Components:

##### Quartz:

Species : Humans  
LOAEL : 0.053 mg/m<sup>3</sup>

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## Final Touch, Flowable finishing putty, 710 mL

Version 4.0      Revision Date: 06/25/2024      SDS Number: 5182984-00007      Date of last issue: 12/06/2023  
Date of first issue: 10/21/2019

---

Application Route : inhalation (dust/mist/fume)  
Remarks : This substance(s) is not bioavailable and therefore does not contribute to a dust inhalation hazard.

### 2,2'-(m-Tolylimino)diethanol:

Species : Rat, male  
LOAEL : 50 mg/kg  
Application Route : Ingestion  
Exposure time : 28 Days  
Method : OECD Test Guideline 407

### Magnesium carbonate:

Species : Rat  
NOAEL : > 100 mg/kg  
Application Route : Ingestion  
Exposure time : 90 Days  
Remarks : Based on data from similar materials

### Silicon dioxide:

Species : Rat  
NOAEL : 1.3 mg/m<sup>3</sup>  
Application Route : inhalation (dust/mist/fume)  
Exposure time : 13 Weeks

### Styrene:

Species : Rat  
NOAEL : 1.28 mg/l  
Application Route : inhalation (vapor)  
Exposure time : 4 Weeks

Species : Rat  
NOAEL : 1,000 - 2,000 mg/kg  
Application Route : Ingestion  
Exposure time : 78 - 100 Weeks

### 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

### Glass, oxide, chemicals:

Species : Rat  
LOAEL : 2,400 mg/l  
Application Route : inhalation (dust/mist/fume)  
Exposure time : 3 Months



# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## Final Touch, Flowable finishing putty, 710 mL

Version 4.0      Revision Date: 06/25/2024      SDS Number: 5182984-00007      Date of last issue: 12/06/2023  
Date of first issue: 10/21/2019

---

### 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

### N,N-Dimethylacetamide:

Species : Rat  
NOAEL : 90 mg/m<sup>3</sup>  
LOAEL : 360 mg/m<sup>3</sup>  
Application Route : inhalation (vapor)  
Exposure time : 24 Months

### Aspiration toxicity

|| May be fatal if swallowed and enters airways.

### Components:

#### Styrene:

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:

#### Quartz:

#### Ecotoxicology Assessment

Acute aquatic toxicity : No toxicity at the limit of solubility.

Chronic aquatic toxicity : No toxicity at the limit of solubility.

#### 2,2'-(m-Tolylimino)diethanol:

Toxicity to fish : LC50 (Danio rerio (zebra fish)): > 68.6 mg/l  
Exposure time: 96 h  
Method: Directive 67/548/EEC, Annex V, C.1.

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 107 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202

Toxicity to algae/aquatic plants : ErC50 (Raphidocelis subcapitata (freshwater green alga)): > 100 mg/l

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## Final Touch, Flowable finishing putty, 710 mL

Version 4.0      Revision Date: 06/25/2024      SDS Number: 5182984-00007      Date of last issue: 12/06/2023  
Date of first issue: 10/21/2019

---

Exposure time: 72 h  
Method: OECD Test Guideline 201

NOEC (Raphidocelis subcapitata (freshwater green alga)):  
100 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

Toxicity to microorganisms : EC10 (activated sludge): 817 mg/l  
Exposure time: 3 h

### Magnesium carbonate:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): > 100 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)): > 100 mg/l  
Exposure time: 48 h  
Remarks: Based on data from similar materials

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

ErC50 (Desmodesmus subspicatus (green algae)): > 100 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201  
Remarks: Based on data from similar materials

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : EC10 (Daphnia magna (Water flea)): > 100 mg/l  
Exposure time: 21 d  
Remarks: Based on data from similar materials

Toxicity to microorganisms : EC50: > 900 mg/l  
Exposure time: 3 h  
Method: OECD Test Guideline 209  
Remarks: Based on data from similar materials

### Silicon dioxide:

Toxicity to fish : LC50 (Danio rerio (zebra fish)): > 10,000 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 1,000 mg/l  
Exposure time: 24 h  
Method: OECD Test Guideline 202

Toxicity to algae/aquatic plants : EC50 (Desmodesmus subspicatus (green algae)): > 10,000 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## Final Touch, Flowable finishing putty, 710 mL

Version 4.0      Revision Date: 06/25/2024      SDS Number: 5182984-00007      Date of last issue: 12/06/2023  
Date of first issue: 10/21/2019

---

Remarks: Based on data from similar materials

NOEC (Desmodesmus subspicatus (green algae)): 10,000 mg/l

Exposure time: 72 h

Method: OECD Test Guideline 201

Remarks: Based on data from similar materials

### Styrene:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 10 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 4.7 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202

Toxicity to algae/aquatic plants : ErC50 (Pseudokirchneriella subcapitata (green algae)): 6.3 mg/l  
Exposure time: 96 h

EC10 (Pseudokirchneriella subcapitata (green algae)): 0.28 mg/l

Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): 1.01 mg/l  
Exposure time: 21 d  
Method: OECD Test Guideline 211

Toxicity to microorganisms : NOEC (Pseudomonas putida): 72 mg/l  
Exposure time: 16 h

### Talc:

Toxicity to fish : LC50 (Brachydanio rerio (zebrafish)): > 100,000 mg/l  
Exposure time: 24 h

### Limestone:

Toxicity to fish : LL50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l  
Exposure time: 96 h  
Test substance: Water Accommodated Fraction  
Method: OECD Test Guideline 203  
Remarks: Based on data from similar materials

Toxicity to daphnia and other aquatic invertebrates : LL50 (Daphnia magna (Water flea)): > 100 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 (Desmodesmus subspicatus (green algae)): > 14 mg/l  
Exposure time: 72 h  
Test substance: Water Accommodated Fraction

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## Final Touch, Flowable finishing putty, 710 mL

Version 4.0      Revision Date: 06/25/2024      SDS Number: 5182984-00007      Date of last issue: 12/06/2023  
Date of first issue: 10/21/2019

---

Method: OECD Test Guideline 201  
Remarks: No toxicity at the limit of solubility.  
Based on data from similar materials

EL10 (Desmodesmus subspicatus (green algae)): > 14 mg/l  
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

### Glass, oxide, chemicals:

Toxicity to fish : LL50 (Danio rerio (zebra fish)): > 1,000 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: 72 h  
Method: OECD Test Guideline 202  
Remarks: Based on data from similar materials

Toxicity to algae/aquatic plants : EL10 (Pseudokirchneriella subcapitata (green algae)): > 1,000 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201  
Remarks: Based on data from similar materials

EL50 (Pseudokirchneriella subcapitata (green algae)): > 1,000 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201  
Remarks: Based on data from similar materials

### 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

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## Final Touch, Flowable finishing putty, 710 mL

Version 4.0      Revision Date: 06/25/2024      SDS Number: 5182984-00007      Date of last issue: 12/06/2023  
Date of first issue: 10/21/2019

---

Method: OECD Test Guideline 209

### **N,N-Dimethylacetamide:**

Toxicity to fish : LC50 (Leuciscus idus (Golden orfe)): > 500 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 500 mg/l  
Exposure time: 48 h  
Method: Directive 67/548/EEC, Annex V, C.2.

Toxicity to algae/aquatic plants : EC50 (Desmodesmus subspicatus (green algae)): > 500 mg/l  
Exposure time: 72 h

EC10 (Desmodesmus subspicatus (green algae)): > 500 mg/l  
Exposure time: 72 h

Toxicity to microorganisms : EC10: > 1,995 mg/l  
Exposure time: 30 min

### **Persistence and degradability**

#### **Components:**

#### **2,2'-(m-Tolylimino)diethanol:**

Biodegradability : Result: Not readily biodegradable.  
Biodegradation: 0 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301D

#### **Styrene:**

Biodegradability : Result: Readily biodegradable.  
Biodegradation: 100 %  
Exposure time: 28 d

#### **N,N-Dimethylacetamide:**

Biodegradability : Result: Not readily biodegradable.  
Biodegradation: 70 %  
Exposure time: 28 d  
Remarks: The 10 day time window criterion is not fulfilled.

### **Bioaccumulative potential**

#### **Components:**

#### **2,2'-(m-Tolylimino)diethanol:**

Partition coefficient: n-octanol/water : log Pow: 1.9  
Method: OECD Test Guideline 117

#### **Styrene:**

Partition coefficient: n- : log Pow: 2.96

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## Final Touch, Flowable finishing putty, 710 mL

Version	Revision Date:	SDS Number:	Date of last issue: 12/06/2023
4.0	06/25/2024	5182984-00007	Date of first issue: 10/21/2019

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octanol/water

### Mobility in soil

No data available

### Other adverse effects

No data available

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : Do not dispose of waste into sewer.

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.

---

## SECTION 14. TRANSPORT INFORMATION

### International Regulations

#### UNRTDG

UN number : UN 1866  
Proper shipping name : RESIN SOLUTION  
Class : 3  
Packing group : III  
Labels : 3  
Environmentally hazardous : no

#### IATA-DGR

UN/ID No. : UN 1866  
Proper shipping name : Resin solution  
Class : 3  
Packing group : III  
Labels : Flammable Liquids  
Packing instruction (cargo aircraft) : 366  
Packing instruction (passenger aircraft) : 355

#### IMDG-Code

UN number : UN 1866  
Proper shipping name : RESIN SOLUTION  
  
Class : 3  
Packing group : III  
Labels : 3

---

# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## Final Touch, Flowable finishing putty, 710 mL

Version 4.0      Revision Date: 06/25/2024      SDS Number: 5182984-00007      Date of last issue: 12/06/2023  
Date of first issue: 10/21/2019

---

EmS Code : F-E, S-E  
Marine pollutant : no

### 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 1866  
Proper shipping name : RESIN SOLUTION

Class : 3  
Packing group : III  
Labels : 3  
ERG Code : 127  
Marine pollutant : no

### 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.

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## SECTION 15. REGULATORY INFORMATION

**Volatile organic compounds (VOC) content**      CANADIAN ENVIRONMENTAL PROTECTION ACT, 1999 - Guidelines for VOC in Consumer Products  
VOC content: 3.6 % / 35 g/l  
Remarks: VOC content excluding water and exempt compounds

### 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).

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## 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.  
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

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# SAFETY DATA SHEET

according to the Hazardous Products Regulations



## Final Touch, Flowable finishing putty, 710 mL

Version	Revision Date:	SDS Number:	Date of last issue: 12/06/2023
4.0	06/25/2024	5182984-00007	Date of first issue: 10/21/2019

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 ON OEL / STEL	:	Short-Term Exposure Limit (STEL)
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, <http://echa.europa.eu/>

Revision Date : 06/25/2024  
Date format : mm/dd/yyyy

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



# SAFETY DATA SHEET

according to the Hazardous Products Regulations



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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