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Canadian Workplace Hazardous Materials Information System Material Safety Data Sheet

I. PRODUCT IDENTIFICATION

Product Name: HIGH TEMPERATURE THREAD SEALANT 250 ML
Item No: 59225
Product Type: Anaerobic

II. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
POLYGLYCOL DIMETHACRYLATE 25852-47-5	20-40	not available	not available	
POLYESTER RESIN MIXTURE	10-30	not available	not available	
SILICA, MICA 12001-26-2	10-30	not available	not available	3 mg/m ³
OCTANOL 111-87-5	<10	>3200 mg/kg	not available	
POLYETHYLENE GLYCOL ESTER 18268-70-7	<10	18 g/kg	not available	
POLYTETRAFLUOROETHYLENE 9002-84-0	<5	not available	45 mg/m ³ /30M	
TREATED SILICON DIOXIDE, SYNTHETIC, CRYSTALLINE-FREE 67762-90-7	<5	>5,000 mg/kg	not available	10 mg/m ³
TITANIUM DIOXIDE 13463-67-7	<3	>10000 mg/kg	not available	10 mg/m ³
PROPYLENE GLYCOL 57-55-6	<3	20 g/kg	not available	
DIMETHYLBENZYL HYDROPEROXIDE 80-15-9	<2	382 mg/kg	200 ppm/4H	

III. PHYSICAL DATA

Physical State/Appearance: White paste
Odour & Odour Threshold: Mild odour
Specific Gravity: 1.16-1.26
Evaporation Rate: Not determined
Vapour Pressure: Not determined
Vapour Density: Heavier than air
Freezing Point: Not determined
pH: Does not apply
Octanol/Water Coefficient: Not determined
Boiling Point: >150°C

IV. FIRE AND EXPLOSIVE DATA

Recommended Extinguishing Media: Water fog, carbon dioxide, foam, dry chemical.
Hazardous Combustion Products: Oxides of carbon
Sensitivity to Static Discharge: Sensitivity to static discharge is not expected.
Conditions of Flammability: None anticipated.
Flash Point/Range: >95°C COC
Autoignition Temperature: Not determined
Upper Explosive Limit: Octanol: 8.0%
Lower Explosive Limit: Octanol: 1.0%

V. REACTIVITY DATA

Conditions Causing Chemical Instability: None

V. REACTIVITY DATA

Materials to avoid: Strong oxidizing agents, Amines, heavy metal salts
Conditions of Reactivity: High temperatures
Hazardous Decomposition Products: Carbon oxides

VI. HAZARDS IDENTIFICATION

Primary Routes of Exposure: Eye and skin contact, ingestion, inhalation

Existing Conditions Aggravated by Exposure: May aggravate preexisting dermatitis

Toxicity Information: (See Effects of Acute Exposure to Product)

Effects of Acute Exposure: May cause eye and skin irritation.

Effects of Chronic Exposure: None known. Note: This product does not contain microcrystalline silica.

Irritancy of Product: May cause dermatitis on prolonged contact in sensitive individuals. May cause gastrointestinal irritation, central nervous system depression.

Sensitization to Product: (See Effects of Acute Exposure to Product)

Carcinogenicity: (See Effects of Chronic Exposure to Product)

Reproductive Toxicity: (See Effects of Chronic Exposure to Product)

Teratogenicity: (See Effects of Chronic Exposure to Product)

Mutagenicity: (See Effects of Chronic Exposure to Product)

Toxicologically Synergistic Products: None known

WHMIS Hazard Class: D2B TOXIC MATERIALS

VII. PREVENTATIVE MEASURES

Personal Protection

Eyes: Safety glasses.

Skin: Neoprene or nitrile gloves recommended.

Ventilation: General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product. In case of insufficient ventilation, wear an organic vapor respirator.

Engineering Controls: Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.

Spill Procedures: Follow Canadian and local regulations for disposal.

Protection of Man and Environment: Store in a dry area below 35°C.

Handling Procedures and Equipment: Avoid prolonged breathing of vapor. Keep away from eyes. Avoid prolonged contact with skin. Do not smoke while using. Wash hands after use.

VIII. FIRST AID MEASURES

Ingestion: If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.

Inhalation: Move to fresh air in case of accidental inhalation of vapours. Obtain medical attention.

Skin Contact: Wash off with soap and water. If skin irritation persists, call a physician.

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

IX. SHIPPING INFORMATION

Canadian Transportation of Dangerous Goods

Proper Shipping Name: Not regulated

Hazard Class: None

UN/ID No: None

IATA

Proper Shipping Name: Not regulated

Class or Division: None

UN/ID Number: None

IMDG

Proper Shipping: Not regulated

Hazard Class: None

UN Number: None

X. PREPARATION INFORMATION

Estimated HMIS Classification: HEALTH 2, FLAMMABILITY 1, PHYSICAL HAZARD 0

HMIS is a registered trademark of the National Paint and Coatings Assn.

Estimated NFPA Rating: HEALTH 2, FLAMMABILITY 1, REACTIVITY 1

**Product Name: HIGH TEMPERATURE THREAD
SEALANT 250 ML**

Item No: 59225

X. PREPARATION INFORMATION

NFPA is a registered trademark of the National Fire Protection Assn.

Prepared By: Denise Boyd, Manager-Environmental, Health & Safety

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Company:
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