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## Material Safety Data Sheet

### 1. PRODUCT IDENTIFICATION

**Product Name:** HIGH TEMPERATURE THREAD SEALANT 50ML  
**Item No:** 59235  
**Product Type:** Anaerobic

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Weight Percent	ACGIH TLV:	OSHA PEL:
POLYGLYCOL DIMETHACRYLATE 25852-47-5	20-40	Not Listed	Not Listed
BISPHENOL A FUMARATE RESIN 39382-25-7	25-35	Not Listed	Not Listed
OCTANOL 111-87-5	10-20	Not Listed	Not Listed
SILICA, MICA 12001-26-2	10-20	3 mg/m <sup>3</sup> TWA	20 mppcf TWA
POLYTETRAFLUOROETHYLENE 9002-84-0	1-10	Not Listed	Not Listed
SILICON DIOXIDE, AMORPHOUS 112945-52-5	1-10	10 mg/m <sup>3</sup> TWA	6 mg/m <sup>3</sup> TWA
TITANIUM DIOXIDE 13463-67-7	<3	10 mg/m <sup>3</sup> TWA ACGIH	15 mg/m <sup>3</sup> TWA (total dust)
DIMETHYLBENZYL HYDROPEROXIDE 80-15-9	<3	Not Listed	Not Listed

### 3. HAZARDS IDENTIFICATION

**Toxicity:** Ingestion may irritate digestive tract and cause nausea, vomiting and diarrhea. May cause eye and skin irritation. May cause skin sensitization. Note: This product does not contain microcrystalline silica.  
**Primary Routes of Entry:** Eye and skin contact, ingestion, inhalation  
**Signs and Symptoms of Exposure:** Repeated skin contact may cause allergic skin reactions. May cause redness to eyes and irritation to nasal passages.

Ingredient	Weight Percent	NTP	ACGIH Carcinogens	IARC
POLYTETRAFLUOROETHYLENE 9002-84-0	1-10			Group 3 Supplement 7, 1987; Monograph 19, 1979
SILICON DIOXIDE, AMORPHOUS 112945-52-5	1-10			Amorphous Silica, Group 3: Vol. 68: 1997
TITANIUM DIOXIDE 13463-67-7	<3	male rat-negative, female rat-negative, male mice-negative, female mice-negative	A4	Group 2B; Vol 93,2006; Vol 47,1989

**Medical Conditions Recognized as Being Aggravated by Exposure:** Preexisting skin disorders.

### 4. 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.

### 5. FIRE FIGHTING MEASURES

**Flash Point (°F/C):** >200° F. Method: TCC

## **5. FIRE FIGHTING MEASURES**

**Recommended Extinguishing Media:**

**Special Fire-Fighting Procedures:**

**Hazardous Products of Combustion:**

**Unusual Fire/Explosion Hazards:**

Water fog, carbon dioxide, foam, dry chemical.

Firefighters should wear self-contained breathing apparatus.

Irritating vapors, Oxides of carbon

None.

**Lower Explosive Limit:**

1.0: Octanol

**Upper Explosive Limit:**

8.0: Octanol

## **6. ACCIDENTAL RELEASE MEASURES**

**Spill Procedures:**

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

## **7. HANDLING AND STORAGE**

**Storage:**

Store below 100 degrees F. Keep in cool and dark place. Avoid direct sunlight.

**Handling:**

Avoid prolonged skin contact. Keep away from eyes.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Eyes:**

Safety glasses

**Skin:**

Rubber or plastic gloves.

**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.

**Respiratory Protection:**

An approved respirator (i.e. NIOSH, etc.) should be worn when exposures are expected to exceed the applicable limits.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:**

White paste

**Odor:**

MILD

**Boiling Point:**

>300°C.

**pH:**

Does not apply

**Solubility in Water:**

Insoluble

**Specific Gravity:**

1.15

**VOC Content(Wt.%):**

16.9%

**Vapor Pressure:**

Not determined

**Vapor Density (Air=1):**

Heavier than air

**Evaporation Rate:**

Not Determined

## **10. STABILITY AND REACTIVITY**

**Chemical Stability:**

Stable at normal conditions

**Hazardous Polymerization:**

WILL NOT OCCUR.

**Incompatibilities:**

Metal salts, heat and amines.

**Conditions to Avoid:**

Heat

**Hazardous Products of Combustion:**

Irritating vapors, Oxides of carbon

## **11. TOXICOLOGICAL INFORMATION**

See Section 3

## **12. ECOLOGICAL INFORMATION**

No data available

## **13. DISPOSAL CONSIDERATIONS**

**Recommended Method of Disposal:** Disposal should be made in accordance with federal, state and local regulations.

**US EPA Waste Number:**

NH - Not a RCRA Hazardous Waste Material

## **14. TRANSPORTATION INFORMATION**

**DOT (49CFR 172)**

**Domestic Ground Transport**

**DOT Shipping Name:**

Unrestricted

**Product Name:** HIGH TEMPERATURE THREAD  
SEALANT 50ML

**Item No:** 59235

**Hazard Class:** None  
**UN/ID Number:** None  
**Marine Pollutant:** None

**IATA**

**Proper Shipping Name:** Not regulated  
**Class or Division:** None  
**UN/NA Number:** None

**IMDG**

**Proper Shipping:** Unrestricted  
**Hazard Class:** None  
**UN Number:** None

**15. REGULATORY INFORMATION**

**SARA 313 Chemicals:** The following component(s) is listed as a SARA Section 313 Toxic Chemical.

DIMETHYLBENZYL HYDROPEROXIDE

**CALIFORNIA PROP 65:**

No California Prop 65 chemicals are known to be present.

**TSCA Inventory Status:**

**Listed on Inventory:** YES All components of this product are listed (or exempt) on the EPA TSCA inventory.

**16. OTHER INFORMATION**

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

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

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

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

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