

# Grobet File Company of America, LLC.

## SAFETY DATA SHEET

MSDS No : PL19003 - Resin - GHS  
 Date-Revised : 11/13/2020  
 Revision No : 4

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT DESCRIPTION:** 12.0451 Jewelers Epoxy Fast - Resin

**DISTRIBUTED BY**

Grobet File Company of America, LLC  
 750 Washington Avenue  
 OCarlstadt, NJ 07072

**Emergency Contact:** ChemTel

**Emergency Phone:** 800-255-3924

**Phone:** 201-939-6700

### 2. HAZARDS IDENTIFICATION

**GHS CLASSIFICATIONS**

**Health:**

Skin Irritation, Category 2  
 Eye Irritation, Category 2  
 Skin Sensitization, Category 1

**GHS LABEL ELEMENTS**



Exclamation  
 mark

**SIGNAL WORD:** WARNING

**HAZARD STATEMENTS**

H315: Causes skin irritation.  
 H317: May cause an allergic skin reaction.  
 H319: Causes serious eye irritation.

**PRECAUTIONARY STATEMENT(S)**

**Prevention:**

P273: Avoid release to the environment.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.  
 5468C4VS: Contains epoxy constituents. May produce an allergic reaction.  
 P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P272: Contaminated work clothing should not be allowed out of the workplace.  
 P362: Take off contaminated clothing and wash before reuse.  
 P363: Wash contaminated clothing before reuse.  
 P391: Collect spillage.  
 P264: Wash skin and hands thoroughly after handling.

**Response:**

# SAFETY DATA SHEET

**Date Prepared :** 11/25/2013

**MSDS No :** PL19003 - Resin - GHS

**Date-Revised :** 11/13/2020

**Revision No :** 4

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P313: Get medical advice/attention.

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

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

## Storage:

P403+P235: Store in a well-ventilated place. Keep cool.

## Disposal:

7944L5O1: Dispose of in a manner consistent with federal, state, and local regulations.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Epoxy resin	100	25068-38-6

### 4. FIRST AID MEASURES

**EYES:** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.

**SKIN:** Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms reoccur. Wash clothing before reuse.

**INGESTION:** If swallowed, do not induce vomiting. Keep individual calm. Get medical attention and show container label.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Causes eye irritation.

**SKIN:** Irritating to skin. May cause allergic skin reaction with prolonged contact.

**SKIN ABSORPTION:** None known.

**INGESTION:** May be irritating. Seek medical advice.

**INHALATION:** Prolonged or excessive inhalation may cause respiratory tract irritation.

**ACUTE TOXICITY:** Slightly irritating to eyes and respiratory tracts.

**CHRONIC EFFECTS:** Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis).

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** Not Flammable

**EXTINGUISHING MEDIA:** Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

**HAZARDOUS COMBUSTION PRODUCTS:** Combustion products may include and are not limited to: Carbon monoxide, carbon dioxide and phenolics.

**EXPLOSION HAZARDS:** None known.

**FIRE FIGHTING PROCEDURES:** Use water spray to keep fire-exposed containers cool and to knock down vapors which may result from product decomposition.

# SAFETY DATA SHEET

**Date Prepared :** 11/25/2013

**MSDS No :** PL19003 - Resin - GHS

**Date-Revised :** 11/13/2020

**Revision No :** 4

**FIRE FIGHTING EQUIPMENT:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

**FIRE EXPLOSION:** None known.

**SENSITIVE TO STATIC DISCHARGE:** None known.

**SENSITIVITY TO IMPACT:** None known.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Dioxide, Carbon Monoxide and other toxic or irritating compounds may form when heated to decomposition.

## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Absorb liquid and place in sealed container for disposal.

**LARGE SPILL:** Contain spill with dike to prevent entry into sewers. Absorb liquid and place in sealed container for disposal.

### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** This material is a water pollutant and should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water.

**LAND SPILL:** None known.

**AIR SPILL:** None known.

## 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Use with adequate ventilation. Avoid contact with eyes, skin and clothing.

**HANDLING:** Avoid breathing (dust, vapor, mist, gas). Avoid contact with skin, eyes and clothing. Keep container closed when not in use.

**STORAGE:** Store in a cool place in original container and protect from sunlight. Keep away from sources of ignition.

**STORAGE TEMPERATURE:** Ambient room temperature (70F/21C).

**LOADING TEMPERATURE:** Not Established

**LOADING/UNLOADING VISCOSITY:** Not Established

**STORAGE PRESSURE:** Not Established

**ELECTROSTATIC ACCUMULATION HAZARD:** None known.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Not Established

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** For normal conditions, wear safety glasses. Where there is reasonable probability of liquid contact, wear splash-proof goggles.

**SKIN:** Wear rubber gloves to avoid prolonged skin contact.

**RESPIRATORY:** Use only in a well ventilated area.

**PROTECTIVE CLOTHING:** Wear rubber gloves & apron.

**WORK HYGIENIC PRACTICES:** Avoid contact with skin and eyes. Wash thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

# SAFETY DATA SHEET

Date Prepared : 11/25/2013

MSDS No : PL19003 - Resin - GHS

Date-Revised : 11/13/2020

Revision No : 4



Precision Tools &amp; Technology



IMPORTED BY:

**PRECISION TOOLS & TECHNOLOGY**

57 Caswell Street, East Brisbane, QLD, 4169.

**EMERGENCY PHONE: 1300 852 999****PHYSICAL STATE:** Viscous li**ODOR:** Mild odor.**ODOR THRESHOLD:** Not Established**APPEARANCE:** Light yellow colored viscous liquid.**pH:** Not Established**PERCENT VOLATILE:** Not Established**FLASHPOINT AND METHOD:** 264°C (507°F) to 268°C (514°F) CC - Closed Cup**VAPOR PRESSURE:** 0.03 mmHg at 25°C (77°F)**VAPOR DENSITY:** No data available on this product.**BOILING POINT:** > 320°C (608°F)**FREEZING POINT:** No data available on this product.**MELTING POINT:** No data available on this product.**POUR POINT:** No data available on this product.**THERMAL DECOMPOSITION:** No data available on this product.**SOLUBILITY IN WATER:** 5.4 to 8.4 mg/L at 20°C (68°F)**EVAPORATION RATE:** No data available on this product.**SPECIFIC GRAVITY:** 1.16 g/cc @ 25C / 77F**VISCOSITY #1:** 11000 to 14000 mPa. s. at 25°C (77°F) ASTM D445**MOLECULAR WEIGHT:** No data available on this product.**(VOC):** Not Applicable.

## 10. STABILITY AND REACTIVITY

**STABLE:** Yes**HAZARDOUS POLYMERIZATION:** No**STABILITY:** Stable.**POLYMERIZATION:** Will not occur.**CONDITIONS TO AVOID:** Avoid temperatures above (300 ) F (148 ) C.**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, aldehydes, acids and other organic substances may be formed during combustion (>500F) temperature degradation.**INCOMPATIBLE MATERIALS:** Strong acids, oxidizing agents, mineral and organic bases, and especially aliphatic amines.**COMMENTS:** REACTIVITY: Product may react if exposed to oxidizing materials, acids or bases.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE

**EYES:** Direct contact may cause mild irritation.**DERMAL LD<sub>50</sub>:** 23000 mg/kg (rabbit)**ORAL LD<sub>50</sub>:** > 15000 mL/kg (rat)**INHALATION LC<sub>50</sub>:** No data available on this product.

Precision Tools &amp; Technology



IMPORTED BY:

**PRECISION TOOLS & TECHNOLOGY**

57 Caswell Street, East Brisbane, QLD, 4169.

**EMERGENCY PHONE: 1300 852 999**

# SAFETY DATA SHEET

**Date Prepared :** 11/25/2013

**MSDS No :** PL19003 - Resin - GHS

**Date-Revised :** 11/13/2020

**Revision No :** 4

**EYE EFFECTS:** Mildly to moderately irritating.

**SKIN EFFECTS:** Irritating to skin. May cause allergic skin reaction with prolonged contact.

**CHRONIC:** Repeated exposure may cause skin sensitization.

**SUBCHRONIC:** None known.

## CARCINOGENICITY

**IARC:** Not listed.

**NTP:** Not listed.

**OSHA:** Not listed.

**REPEATED DOSE EFFECTS:** None known.

**IRRITATION:** Prolonged or repeated skin contact may cause irritation.

**CORROSIVITY:** None known.

**SENSITIZATION:** May cause sensitization.

**NEUROTOXICITY:** None known.

**GENETIC EFFECTS:** None known.

**REPRODUCTIVE EFFECTS:** None known.

**TARGET ORGANS:** None known.

**TERATOGENIC EFFECTS:** None known.

**MUTAGENICITY:** None known.

**SYNERGISTIC MATERIALS:** None known.

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Do not flush to sewer.

**ECOTOXICOLOGICAL INFORMATION:** Rainbow trout LC50, semi-static test, 96 h: 2 mg/L; Water flea EC50, static test, 48 h, immobilization: 1.8 mg/L; Bacteria IC50, 18 h: >42.6 mg/L.

**BIOACCUMULATION/ACCUMULATION:** Bioconcentration potential is moderate (BCF 100 to 3000 or Log Pow 3 to 5).

**Notes:** Material is toxic to aquatic organisms (LC50 between 1 and 10 mg/L in the most sensitive species).

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Cure by mixing with equal portion of paired component for non-hazardous solid waste disposal.

**PRODUCT DISPOSAL:** Avoid runoff into storm sewers and ditches which lead to waterways.

## 14. TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Not restricted by DOT

### ROAD AND RAIL (ADR/RID)

**PROPER SHIPPING NAME:** Not restricted

### AIR (ICAO/IATA)

**SHIPPING NAME:** Not restricted

# SAFETY DATA SHEET

Date Prepared : 11/25/2013

MSDS No : PL19003 - Resin - GHS

Date-Revised : 11/13/2020

Revision No : 4

## VESSEL (IMO/IMDG)

SHIPPING NAME: Not restricted

## CANADA TRANSPORT OF DANGEROUS GOODS

SHIPPING NAME: Not restricted

## 15. REGULATORY INFORMATION

## UNITED STATES

## SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

FIRE: No PRESSURE GENERATING: No REACTIVITY: No ACUTE: Yes CHRONIC: No

TITLE III NOTES: To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

## TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Epoxy resin	25068-38-6

TSCA STATUS: All ingredients in this mixture are in compliance with TSCA.

CALIFORNIA PROPOSITION 65: No California Proposition 65 ingredients are known to be in this product.

## CANADA

## WHMIS HAZARD SYMBOL AND CLASSIFICATION



Toxic

IRRITANT

WHMIS CLASS: D2B - Eye or Skin Irritant.

D2B - Skin sensitizer.

## 16. OTHER INFORMATION

TITLE: Regulatory Affairs Manager

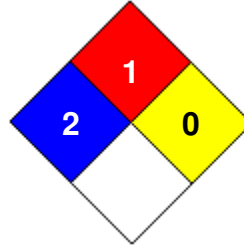
PREPARED BY: Mary Robles Date-Revised: 11/13/2020

REVISION SUMMARY: This MSDS replaces the 11/13/2014 MSDS.

# SAFETY DATA SHEET

**Date Prepared :** 11/25/2013**MSDS No :** PL19003 - Resin - GHS**Date-Revised :** 11/13/2020**Revision No :** 4**HMIS RATING**

HEALTH	<input type="text"/>	2
FLAMMABILITY	<input type="text"/>	1
PHYSICAL HAZARD	<input type="text"/>	0
PERSONAL PROTECTION	<input type="text"/>	

**NFPA CODES****MANUFACTURER DISCLAIMER:**

To the best of our knowledge, the information contained herein is accurate. However, Pacer Technology does not assume any liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.