

ITW Permatex  
 10 Columbus Blvd.  
 Hartford, CT 06106 USA  
 Telephone: 1-87-Permatex  
 (877) 376-2839  
 Emergency: 800-255-3924 (ChemTel)  
 International Emergency: +01-813-248-0585

## Material Safety Data Sheet

### 1. PRODUCT IDENTIFICATION

**Product Name:** 1-MINUTE GASKET 85 GR  
**Item No:** 25229  
**Product Type:** Elastomeric rubber (pressurized)

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH; TLV-TWA	OSHA PEL
CALCIUM CARBONATE 471-34-1	25-50	10 mg/m <sup>3</sup>	Not listed
POLY (DIMETHYLSILOXANE), HYDROXY TERMINATED 70131-67-8	20-40	Not listed	Not listed
POLYDIMETHYLSILOXANE 63148-62-9	5-20	Not listed	Not listed
VINYL OXIMINOSILANE 2224-33-1	<5	Not listed	Not listed
STEARIC ACID 57-11-4	<3	Not listed	Not listed
NITROGEN 7727-37-9	<2	Not listed	Not listed
2-BUTANONE OXIME 96-29-7	0.5-2.0	Not listed	Not listed

### 3. HAZARDS IDENTIFICATION

**Toxicity:** May cause eye and skin irritation. May irritate lips, gums, tongue, mouth, nose and throat. May be harmful if swallowed. \*\*\*\*When this product is exposed to moisture, methyl ethyl ketoxime may be formed. Note: This product does not contain microcrystalline silica.

**Primary Routes of Entry:** Eye and skin contact, ingestion, inhalation

**Signs and Symptoms of Exposure:** 2-Butanone oxime produced during cure is toxic and irritates eyes, nose and throat. Overexposure may cause eye and skin redness. Overexposure to nitrogen propellant (only released if can is punctured) may cause headache, drowsiness, dizziness, excitation, excess salivation, vomiting, unconsciousness.

**Aggravated Medical Condition:** None known.

### 4. FIRST AID MEASURES

**Ingestion:** Rinse mouth. 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:** Wipe off material with paper towel or cloth. 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

**Recommended Extinguishing Media:** Carbon Dioxide, Dry Chemicals, Foam.

**Special Fire-Fighting Procedures:** \*\*\*Warning: This container is pressurized with nitrogen. Do not remove rubber plug. Water spray may be ineffective on flames but should be used to keep fire-exposed containers cool. Keep containers cool. Use equipment or shielding required to protect against bursting or venting of containers. Oxides of carbon, Formaldehyde, Silica fume

**Hazardous Products of Combustion:** Contents under pressure. Heated cans may burst. Use equipment or shielding to protect personnel from bursting containers.

**Unusual Fire/Explosion Hazards:**

**Lower Explosive Limit:** Not determined

**Upper Explosive Limit:** Not determined

## 6. ACCIDENTAL RELEASE MEASURES

**Spill Procedures:** Wipe or scrape up spill material. Maintain good ventilation for large spills. Place scrap material in a well-ventilated area and allow to cure to rubber. Clean up spills thoroughly as residue is slippery.

## 7. HANDLING AND STORAGE

**Storage:** Store in a dry area below 90 degrees F. Keep container closed when not in use. Do not puncture or burn container. Exposure to high temperatures may cause container to burst.

**Handling:** Avoid contact with skin and eyes. Do not inhale vapors. Wash hands before eating and smoking.

## 8. EXPOSURE CONTROLS/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.

**Respiratory Protection:** An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits.

**Comments:** When heated to temperatures above 300 degrees F. in the presence of air, this product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard and a known skin and respiratory sensitizer. Safe handling conditions may be maintained by keeping vapor concentrations below the OSHA permissible limit for formaldehyde

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Black paste

**Odor:** Mild

**Boiling Point:** Not applicable, polymeric material

**pH:** 7-8

**Solubility in Water:** Polymerized

**Specific Gravity:** 1.34

**VOC(Wt.%):** <3%

**Vapor Pressure:** <5 mm Hg

**Vapor Density (Air=1):** 3.0

**Evaporation Rate:** <1 (butyl acetate = 1)

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable at normal conditions

**Hazardous Polymerization:** Will not occur

**Incompatibilities:** Strong oxidizers, Polymerized by contact with moisture

**Conditions to Avoid:** Exposure to moisture. Heat.

**Hazardous Products of Combustion:** Oxides of carbon, Formaldehyde, Silica fume

## 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)**

**U.S. Department of Transportation - DOT - 49 CFR (Ground)**

**DOT Shipping Name:** Aerosols, Limited Quantity

**Hazard Class:** Class 2.2

**UN/ID Number:** UN 1950

**IATA (Air)**

**Proper Shipping Name:** Consumer Commodity (Not more than 1 liter)

**Class or Division:** Class 9

**UN/ID Number:** ID 8000

**Product Name:** 1-MINUTE GASKET 85 GR

**Item No.** 25229

### **IMDG (Vessel)**

**Proper Shipping Name:** Aerosols, Limited Quantity  
**Hazard Class:** Class 2.2  
**UN Number:** UN 1950

**Marine Pollutant:** None

## **15. REGULATORY INFORMATION**

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

NONE

**California Proposition 65:** No California Prop 65 chemicals are known to be present.

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

## **16. OTHER INFORMATION**

**Estimated NFPA Rating:** HEALTH 1, FLAMMABILITY 1, REACTIVITY 0.

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

(NFPA is a registered trademark of the National Fire Protection Association)

HMIS is a registered trademark of the National Paint and Coatings Association

**Prepared By:** Denise Boyd, Manager-Environmental, Health & Safety  
**Company:** ITW Permatex 10 Columbus Blvd. Hartford, CT USA 06106  
**Telephone No.:** 1-87-Permatex (877) 376-2839

**Revision Date:** January 27, 2012

**Revision Number:** 10