

**PERMAGUM CORDS & SLUGS (revised September 2007)****Material Safety Data Sheet****SECTION I - COMPANY IDENTIFICATION****PRODUCT:** PERMAGUM CORDS & SLUGS**CAT. NO.:** PP22, PP250, PP33, PP36**DISTRIBUTED BY:**Sporlan Division-Parker Hannifin Corporation  
206 Lange Drive  
Washington, MO 63090**TELEPHONE NUMBERS:**Office: 1-(636) 239-1111  
Emergency Only: 1-(800) 424-9300**SECTION II - HAZARDOUS INGREDIENTS****OSHA Hazardous Components (29 CFR 1910.1200)**Limestone (CAS# 1317-65-3 )  
Talc (CAS# 14807-96-6)  
Cellulose (CAS# 65996-61-4)

Crystalline Silica (CAS# 1408-60-7)

**EXPOSURE LIMITS: 8 HR. TWA****OSHA PEL**15 mg/m<sup>3</sup> (Total Dust)  
2 mg/m<sup>3</sup> (Respirable)  
15 mg/m<sup>3</sup> (Total Dust)  
0.3 mg/m<sup>3</sup> (Total Dust)**ACGIH TLV**10mg/m<sup>3</sup> (Respirable)  
2mg/m<sup>3</sup> (Respirable)  
10mg/m<sup>3</sup> (Respirable)0.3 mg/m<sup>3</sup> (Total Dust)  
0.1 mg/m<sup>3</sup> (Respirable)0.1mg/m<sup>3</sup> (Respirable)**SECTION III - HAZARDS IDENTIFICATIONS****EMERGENCY OVERVIEW:** This product is an off white gray, non-hardening sealing compound. It is a tacky material and is supplied as a bead or tape on a release a paper/film, or in bulk slugs. As supplied, this product is not expected to cause any adverse health or physical effects when used in accordance with good industrial and safety practices. It does not present any unusual fire hazard. There are no spill containment concerns.**POTENTIAL HEALTH EFFECTS:****INHALATION:** Contains no volatile compounds. Inhalation is not a hazard in normal use.**EYE CONTACT:** May irritate or scratch the eye if the material comes into direct contact.**SKIN CONTACT:** Prolonged contact may cause irritation. May cause allergic reactions or sensitization in susceptible individuals.**INGESTION:** Not expected to be a hazard in normal industrial use.**CHRONIC Effects:** None known.**NOTE:****CARCINOGENICITY:** LISTED IN NTP? Crystalline Silica-only IARC? Crystalline Silica-only OSHA Regulated? No**SECTION IV - FIRST AID MEASURES****INHALATION:** Not applicable.**EYE CONTACT:** Treat as any foreign particle. Flush eyes with running water for several minutes until all of the material is removed. Seek medical attention if irritation persists.**SKIN CONTACT:** Wash thoroughly with soap and water if any signs or irritation appear. Individuals who show symptoms of an allergic reaction or sensitization should seek medical attention and should avoid further contact with this product.**INGESTION:** Not applicable.**SECTION V - FIRE FIGHTING MEASURES****FLASHPOINT (TEST METHOD):** >350 F**FLAMMABLE LIMITS:** **LOWER:** Not established.**UPPER:** Not established.**AUTOIGNITION TEMPERATURE:** Not established.**GENERAL HAZARD:**

This material is not considered flammable or combustible, but will burn if involved in a fire.

**FIRE FIGHTING INSTRUCTIONS:** Wear full bunker gear including a positive pressure self-contained breathing apparatus.**EXTINGUISHING MEDIA:** Water fog, foam, carbon dioxide, dry chemical.**HAZARDOUS COMBUSTION PRODUCTS:** Compounds of carbon, hydrogen, nitrogen and oxygen including carbon monoxide.**SECTION VI - ACCIDENTAL RELEASE MEASURES**

Recover material and place into suitable container. Dispose of in accordance with federal, state, and local regulations.

**SECTION VII - HANDLING AND STORAGE****HANDLING:** No special requirements.**STORAGE:** Store below 100 F for maximum shelf life.**SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION****ENGINEERING CONTROLS:** None needed.**PERSONAL PROTECTION:** Cotton or other gloves. The use of safety glasses is not required; however, it is a good industrial practice. Contaminated gloves should be discarded. Wash hands after use and before eating or drinking.

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**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**VAPOR PRESSURE @ 25 C:** Less than 0.01 mm Hg

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 1.6

**SOLUBILITY IN WATER:** Negligible

**pH:** NA

**BOILING POINT:** NA

**APPEARANCE & ODOR:** Off-white gray, non-hardening sealing compound. It is a tacky material as a bead or tape on a release paper/film. No appreciable odor.

**VAPOR DENSITY (Air=1):** NA

**EVAPORATION RATE (H<sub>2</sub>O=1):** NA

**VOC (LB/GAL):** 0

**FREEZING POINT:** NA

**PERCENT VOLATILE:** Less than 1%

**SECTION X - STABILITY AND REACTIVITY**

**STABILITY:** Stable.

**CONDITIONS TO AVOID:** None known.

**MATERIALS TO AVOID:** Strong oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Compounds of carbon, hydrogen, nitrogen and oxygen including carbon monoxide.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**SECTION XI - TOXICOLOGICAL INFORMATION**

No human or animal toxicology studies have been done on this compound. No acute or chronic hazards are known. As a solid material with no volatile ingredients, routes of exposure are limited. Irritation or possible sensitization from prolonged skin contact are potential concerns. No sensitization has been reported, but may occur in susceptible individuals.

**SECTION XII - ECOLOGICAL INFORMATION**

This compound contains no volatile ingredients and is not soluble in water and, as such, is not expected to present any threat to air or water quality in normal use. See Section XIII for disposal concerns for damaged or unwanted material.

**SECTION XIII - DISPOSAL CONSIDERATIONS**

Refer to federal, state, and local regulations regarding the proper disposal of this material.

**SECTION XIV - TRANSPORTATION INFORMATION**

**PROPER SHIPPING NAME:** Material is not classified as hazardous material. Not regulated material.

**HAZARD CLASS:** NA

**IDENTIFICATION NUMBER:** NA

**DOT Emergency Guide #:** NA

**Reportable Quantity (RQ):** NA

**International:** NA

**SECTION XV - REGULATORY INFORMATION**

**TSCA (Toxic Substance Control Act):** All of the ingredients of this material are listed on the inventory or are exempt from listing.

**CERCLA (Comprehensive Environmental Response, Compensation and Liability Act):** None

**SARA TITLE III (Superfund Amendments and Reauthorization Act):** None

**CALIFORNIA PROPOSITION 65:** Not listed.

**SECTION XVI - OTHER INFORMATION**

State Right-to-Know Programs: MA, PA, NJ

NFPA Ratings

Health: 1

Flammability: 0

Reactivity: 0

HMIS Protective Equipment: X See your supervisor

Prepared by: Sporlan Division-Parker Hannifin Corporation

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