

DUCT SEAL
KILLARK CATALOG NUMBERS: DS-1, DS-5

578.20

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Permacel Automotive
1218 Central Industrial Drive
St. Louis, MO 63110

Information Phone: 314 577 1100

PRODUCT NAME: 578.20

PRODUCT TYPE: Sealer

FAMILY / CHEMICAL NAME: Rubber and/or polymer compound

MSDS PREPARED BY: Jeffrey N. Bruhn
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Revision: 02

2. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS		OSHA PEL	ACGIH TLV	Listed as carcinogen NTP, NIOSH, IARC, or OSHA
C.A.S.# 64742-54-7	Petroleum Hydrocarbon Oil	5.0 mg/m ³ (Total mist)	5.0 mg/m ³ (Total mist)	No
C.A.S.# 14807-96-6	Talc	20mmpcf (Respirable)	2 mg/m ³ (Respirable)	No
C.A.S.# 1317-65-3	Limestone	15 mg/m ³ (Total Dust) 5 mg/m ³ (Respirable)	10 mg/m ³ (Respirable)	No

OSHA REGULATORY STATUS

This solid material, as supplied, is not expected to present the user with any health risks. OSHA and ACGIH have not established any specific exposure limits for this material. When dusting results from grinding, chipping, cutting, sanding, etc., the OSHA/ ACGIH nuisance dusts exposure limits should be followed. The OSHA-PEL/TWA for nuisance dusts is 15mg/m³ total and 5mg/m³ respirable dust. The ACGIH TLV/TWA for nuisance dusts is 10mg/m³ total dust.

3. HAZARDS IDENTIFICATIONS

EMERGENCY OVERVIEW

This product is a gray to off-white, soft rubber compound. 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

EYES: May irritate or scratch the eye if the material comes into direct contact

SKIN: 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.

INHALATION: Contains no volatile components. Inhalation is not a hazard in normal use.

4. FIRST AID MEASURES

EYES: 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: Wash thoroughly with soap and water if any signs of 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.

INHALATION: Not applicable.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASHPOINT: > 350°F

FLAMMABLE LIMITS

LFL: Not established.

UFL: Not established.

EXTINGUISHING MEDIA: Water fog, foam, carbon dioxide, dry chemical.

FIRE & EXPLOSION HAZARDS: This material is not considered flammable or combustible, but will burn if involved in a fire. It may release dangerous combustion products including compounds of carbon, hydrogen, nitrogen and oxygen including carbon monoxide.

FIRE FIGHTING EQUIPMENT: Wear full bunker gear including a positive pressure self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

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

7. HANDLING AND STORAGE

Store away from sunlight at temperatures not to exceed 95°F for maximum shelf life. No special handling is required.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: None needed.

PERSONAL PROTECTION: Cotton or other cloth gloves. The use of safety glasses is not required; however, it is a good industrial practice.

GENERAL HYGIENE CONSIDERATIONS: There are no known health hazards when this material is used as recommended. In accordance with good industrial hygiene practices, operators should wear gloves to minimize exposure. Contaminated gloves should be discarded. Wash hands after use and before eating or drinking.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Gray to off-white, soft rubber compound

ODOR: None.

SPECIFIC GRAVITY: 1.7 ± 0.1

BOILING POINT: Not applicable.

VAPOR PRESSURE: Less than 0.01 mm Hg at 25°C

PERCENT VOLATILE: Less than 1%

VOC CONTENT (Theoretical, in LBS./GAL.): 0

SOLUBILITY IN WATER: Negligible

pH: Not applicable

10. STABILITY AND REACTIVITY

GENERAL: This product is stable and hazardous decomposition will not occur.

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION: None identified.

11. 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.

12. 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 13 for disposal concerns for damaged or unwanted material.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

This material is not classified as hazardous by DOT regulations.

15. REGULATORY INFORMATION

U. S. FEDERAL REGULATIONS

TSCA: All of the ingredients of this material are listed on the inventory or are exempt from listing.

OSHA: Not classified as a hazardous material.

DOT: Not regulated.

SARA Title III, Section 311/312 Hazard Categories: None.

SARA Title III, Section 313 Reportable Substances: None.

CERCLA Reportable Quantity Substances: None.

RCRA: Not classified as a hazardous waste

16. OTHER INFORMATION

MSDS review – 30 January 2007.

MSDS was revised to conform to the ANSI Z400.1-1998 format 21 July 2000.

The information and recommendations contained herein are based on data believed to be correct. However, no warranty of any kind, expressed or implied, is made with respect to the information supplied. Final determination of the suitability of any material is the sole responsibility of the user.
