

MSDS

Petrol-Seal SBS Part B

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Petrol-Seal SBS - Part B
Generic Name: Sealant Base
Chemical Family: Polysulfide Sealant

Responsible Party: RPM Technology, LLC
P.O. Box 33186
Reno, NV 89533

For further information contact MSDS Coordinator:
8am - 4pm Pacific Time, Mon - Fri: 886-403-4842

EMERGENCY OVERVIEW

24 Hour Emergency Telephone Numbers:

For Chemical Emergencies:

Spill, Leak, Fire or Accident
Call CHEMTREC

North America: (800)424-9300

Others: (703)527-3887(collect)

HMIS HAZARD CLASS: Health: 1 (Slight)
Flammability: 1 (Slight)
Reactivity: 0 (Least)

HAZARDOUS INGREDIENTS:

Common Name	CAS Number	Approximate %
Titanium Dioxide	13463-67-7	10 – 20
Calcium carbonate	471-34-1	5 – 10
Limestone	1317-65-3	5 – 10
Non-hazardous and other ingredients	Proprietary	
Balance below reportable levels		

2. HEALTH HAZARD DATA:

EMERGENCY OVERVIEW: May cause eye irritation. Prolonged or repeated contact may cause skin irritation. Do not swallow. See sections 3, 5, & 6.

PRIMARY ROUTES OF EXPOSURE: Eye. Skin.

EYE CONTACT: May cause slight to mild irritation.

SKIN CONTACT: Prolonged or repeated contact may cause irritation.

INHALATION (Breathing): Not hazardous in normal industrial use. INGESTION (Swallowing): Not hazardous in normal industrial use.

TARGET ORGANS/CHRONIC EFFECTS: Eyes.

CONDITIONS AGGRAVATED BY EXPOSURE: Exposure to this product is not expected to contribute, worsen or aggravate any pre-existing medical conditions.

CARCINOGENICITY:	ACGIH	IARC	NTP	OSHA
Titanium Dioxide	NO	NO	NO	NO

Calcium carbonate	NO	NO	NO	NO
Limestone	NO	NO	NO	NO

1. FIRST AID:

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

SKIN CONTACT: Immediately flush with water. Remove contaminated clothing and shoes. Get medical attention if irritation persists. Professionally wash clothing and shoes before re-use.

INHALATION (Breathing): Medical attention is not normally required.

INGESTION (Swallowing): Seek medical attention. Immediately induce vomiting, as directed by medical personnel. Never give anything by mouth to an unconscious person.

NOTES TO PHYSICIANS: Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.

2. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT:	>200F 93.3C	METHOD:	Not Applicable
EXPLOSIVE LIMITS:	LEL(%) Not Applicable	UEL(%)	Not Applicable
AUTOIGNITION:	Not Applicable		

HAZARDOUS COMBUSTION AND DECOMPOSITION PRODUCTS: Smoke, soot, and toxic/irritating fumes (i.e., carbon dioxide, carbon monoxide, etc.). Formaldehyde and/or other aldehydes. Oxides of sulfur. Hydrogen sulfide. Low molecular weight hydrocarbons.

FIRE AND EXPLOSION HAZARDS: During a fire, irritating and highly toxic gases may be generated during combustion or decomposition.

EXTINGUISHING MEDIA: **Small Fires:** Dry chemical, carbon dioxide, Halon, water spray, or foam. **Large Fires:** Water spray, fog, or alcohol foam.

FIRE FIGHTING PROCEDURES/EQUIPMENT: Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH-approved positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.

3. ENVIRONMENTAL AND DISPOSAL INFORMATION:

EVACUATION: Isolate hazard area. Keep unnecessary and unprotected personnel from entering.

CONTAINMENT: Safely stop discharge. Contain material, as necessary, with a dike or barrier. Stop material from contaminating soil, or from entering sewers or bodies of water.

CLEAN-UP/PERSONAL PROTECTION EQUIPMENT: Appropriate safety measures and protective equipment should be used. Use supplied air respirator or self-contained breathing apparatus in enclosed spaces or if airborne exposure limits can be exceeded. See section 8.

COLLECTION AND DISPOSAL: Stop discharge, if safe to do so. Use proper protective equipment. Cover spills with absorbent clay or sawdust and place in closed chemical waste containers. Dispose of according to applicable local, state and federal regulations.

REPORTING: Spills of this material in excess of a components = RQ must be reported to the National

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Response Center (1-800-424-8802) and to the appropriate state and local emergency response organizations. No regulated ingredients.

4. HANDLING AND STORAGE:

STORAGE CONDITIONS: Store in cool, dry, well ventilated area away from heat, ignition sources, and direct sunlight. Keep containers tightly closed.

TRANSFER: No special precautions are needed. Follow good manufacturing and handling practices.

PERSONAL HYGIENE: Wash thoroughly after handling, especially before eating, drinking, smoking, and using restroom facilities. Wash contaminated goggles, face shield, and gloves. Professionally launder contaminated clothing before re-use.

EMPTY CONTAINER PRECAUTIONS: **Attention!** This container can be hazardous when empty. Follow label warnings even after container is emptied since empty containers may retain product residues. Do not reuse empty container without professional cleaning for food, clothing, or products for human or animal consumption or where skin contact can occur.

5. EXPOSURE CONTROLS/PERSONAL PROTECTION:

EXPOSURE GUIDELINES:

ACGIH - TLV

Titanium Dioxide	10mg/M3
Calcium carbonate	10mg/M3 Total dust
Limestone	10mg/M3 Total dust

OSHA - PEL

Titanium Dioxide	10mg/M3
Calcium carbonate	5mg/M3 Resp. Dust
Limestone	5mg/M3 Resp. Dust

ENGINEERING CONTROLS/VENTILATION: No special requirements, but always provide adequate ventilation.

EYE PROTECTION: An eye wash facility should be readily available. Wear chemical splash goggles or safety glasses with side shields.

SKIN PROTECTION: Wear protective clothing and appropriate impervious gloves. Because a variety of protective gloves exist, consult glove manufacturer to determine the proper type for a specific operation.

RESPIRATORY PROTECTION: Respiratory protection is not usually required.

6. PHYSICAL DATA:

Appearance:	Off-white	Odor :	Mercaptan
Physical State:	Paste	Solubility:	Insoluble
pH:	Not Applicable	Vapor Pressure:	Not Established
Vapor Density:	Not Established	Evaporation Rt:	Not Established
VOC Material:	Not Established	Specific Gravity:	1.7
%Non-Vol. (w/w):	Approximately 100		

NOTE: The physical data presented above are typical values and should not be construed as a specification.

7. REACTIVITY DATA:

CHEMICAL STABILITY: Stable under normal conditions of use.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: High temperatures. Ultraviolet light and/or sunlight.

INCOMPATIBILITY WITH OTHER MATERIALS: Oxidizers. Reducers. Acids. Strong bases.

8. TOXICITY INFORMATION:**COMPONENTS:**

TITANIUM DIOXIDE: In a 2-year study in rats, an increase in benign and malignant lung tumors was observed at 250mg/M3 respirable dust level. This level is 50 times the current occupational exposure level and is not expected to correlate to human exposures.

Calcium carbonate: Repeated exposure to dusts can lead to particulate deposition in the lungs (i.e., pneumoconiosis).

Limestone: Repeated exposure to dusts can lead to particulate deposition in the lungs (i.e., pneumoconiosis). Can contain trace amounts of crystalline silica as an impurity.

9. ECOLOGICAL INFORMATION:

No data are available on this product.

10. DISPOSAL INFORMATION:

DISPOSAL: Dispose in accordance with all local, state, and federal regulations.

GENERAL STATEMENTS: Federal regulations may apply to empty container. State and/or local regulations may be different.

GENERAL RECOMMENDATIONS: Of the methods of disposal currently available, it is recommended that an alternative be selected according to the following order of preference, based upon environmental acceptability: (1) recycle or rework, if feasible; (2) incinerate at an authorized facility; (3) treat at an acceptable waste treatment facility.

SPECIAL INSTRUCTIONS: Be sure to contact the appropriate government environmental agencies if further guidance is required.

11. TRANSPORTATION INFORMATION:

Shipping name	49 CFR	IATA	IMO
Not regulated	Y	Y	Y
DOT Label: Not Applicable	UN/NA ID Num: Not Applicable		
DOT Label No: L142-3	WHMIS Label: F142		

12. REGULATORY INFORMATION:

FEDERAL: This product is considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

SARA Title III - Section 311/312 - Hazard Categories:

N - Fire Hazard	N - Sudden Release of Pressure Hazard
N - Reactivity Hazard	Y - Immediate (acute) Health Hazard
N- Delayed (chronic) Health Hazard	

OZONE-Depleting Chemicals - No regulated ingredients.

SARA Section 302 Extremely Hazardous Mat - No regulated ingredients. SARA Section 313 Toxic

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Chemicals - No regulated ingredients.

CHEMICAL Listing - Listed on the following Country=s Chemical Inventories:

United States Toxic Substance Control Act Chemical component(s) in this product are on the section 8(b) Chemical Substance Inventory List (40 CFR 710).

STATE RIGHT TO KNOW:

Pennsylvania - New Jersey R-T-K

Titanium Dioxide	13463-67-7	10 - 20
Calcium carbonate	471-34-1	5 - 10
Limestone	1317-65-3	5 - 10
Non-hazardous trade secret ingredient(s)		Proprietary Balance

California - California Proposition 65

Warning: This product contains a chemical(s) known to the State of California to cause cancer.

Formaldehyde 50-00-0 Trace*

Cancer Hazard.

* Trace = present at less than 0.01 percent.

CONEG - No data available.

CANADA: This is a controlled product under the Canadian Workplace Hazardous Materials Information System (WHMIS).

Class D Division 2 Sub-division B

CEPA - NPRI - No regulated ingredients.

13. ADDITIONAL INFORMATION:

USERS RESPONSIBILITY: A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions - in addition to those described herein - are required. Any health hazard and safety information herein should be passed on to your customers or employees, as the case may be.

The information herein is given in good faith. No warranty, expressed or implied, is given regarding the accuracy of these data or the results obtained from the use thereof. Consult RPM Technology, LLC for further information.