

MATERIAL SAFETY DATA SHEET

PRC 469 FM, Part B
FM5526

Effective Date: 08/16/02

SECTION I - MANUFACTURER AND PRODUCT INFORMATION

PRC-DeSoto International, Inc.
A PPG Industries Company
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Trade Name: PRC 469 FM, Part B
Base component

Product Code: FM5526
Form ID No: XXX
Product Class: Filled Modified polysulfide resin
Synonyms:

HMIS HAZARD RATING
HEALTH - 2
FLAMMABILITY - 2
REACTIVITY - 0
PPE - H
None(0)--->Extreme(4)

SECTION II - COMPOSITION

INGREDIENTS INFORMATION

CAS NUMBER	Wt %	CHEMICAL IDENTITY
001317-65-3	30 - 60	Limestone
061788-76-9	10 - 30	Chlorinated Paraffin
000471-34-1	10 - 30	Calcium Carbonate
REF00000003	10 - 30	Mercaptan terminated polyurethane polymer
000067-56-1	< 5	Methyl Alcohol
000108-88-3	< 5	Toluene
014808-60-7	< 2	Crystalline Silica Quartz

EXPOSURE LIMITS

CAS NUMBER	EXPOSURE LIMITS (ppm)				
	ACGIH TLVs		OSHA PELs		
	TWA	STEL	TWA	STEL	
001317-65-3	10 mg/m3	N/E	N/E	N/E	S
061788-76-9	N/E	N/E	N/E	N/E	
000471-34-1	10	N/E	15	N/E	S
REF00000003	N/E	N/E	N/E	N/E	
000067-56-1	200	250	200	N/E	S
000108-88-3	50	N/E	100	N/E	S
014808-60-7	0.1 mg/m3	N/E	0.1 mg/m3	N/E	S

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Footnotes

- (S) Occupational Exposure Standard
- (R) Supplier's Recommended Limit

N/Av = Not Available

N/Ap = Not Applicable

N.E. = Not Established

NotknownXXX = CAS Number is not known.

SECTION III - HAZARDS IDENTIFICATION

Permissible Exposure Limits for Product:

Not established for product. See Section II.

ROUTE OF ENTRY AND EFFECTS OF OVEREXPOSURE

ROUTE OF ENTRY:

Inhalation and dermal.

INHALATION:

Vapor will irritate nose, throat and respiratory tract. High vapor concentration may cause dizziness, drowsiness and fatigue.

EYE CONTACT:

Vapor or substance is severely irritating to eyes and cause redness and tearing.

SKIN CONTACT:

Substance can cause severe skin irritation with drying, defatting, splitting and cracking on repeated contact.

INGESTION:

Substance can cause irritation of gastro-intestinal tract followed by nausea, vomiting and abdominal discomfort.

DELAYED EFFECTS:

Repeated overexposure may cause central nervous systems depression, and kidney/liver damage.

Contains an ingredient listed as known or suspected carcinogen?

NTP: No OSHA: No IARC: Yes

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SECTION IV - FIRST AID MEASURES

INHALATION:

If inhaled, remove from area to fresh air. If not breathing, give artificial respiration. Get immediate medical attention. If breathing is difficult, transport to medical facility and, if available, give supplemental oxygen.

EYE CONTACT:

For eye contact, immediately flush eyes for at least 15 minutes with running water. Hold eyelids apart to ensure rinsing of the entire eye surface and lids with water. Get immediate medical attention.

SKIN CONTACT:

For skin contact, wipe excess material with dry towel. Then wash exposed areas with plenty of water, and soap if available, for several minutes. Get medical attention if irritation occurs.

INGESTION:

If swallowed dilute by giving two(2) glasses of water to drink. Get immediate medical attention. Never give anything by mouth to an unconscious person.

GENERAL:

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

SECTION V - FIRE AND EXPLOSION HAZARD IDENTIFICATION

FLASHPOINT: 104 F 40 C Method: Setaflash

LEL (%): N/Av UEL (%): N/Av

FLAMMABILITY CLASSIFICATION:

Combustible

FIRE AND EXPLOSION HAZARDS:

Decomposition and combustion products may be hazardous. High temperatures may cause pressure build-up in closed containers. Vapors may accumulate in inadequately ventilated or confined areas. Vapors may form explosive mixture with air. Vapors are heavier than air and may travel long distances. Flashback or flame to the handling site may occur. Closed containers may explode when exposed to extreme heat.

EXTINGUISHING MEDIA:

Carbon dioxide, dry chemical, foam.

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FIRE FIGHTING PROCEDURES:

Water spray may be ineffective. Cool fire exposed containers with water. Fog nozzles are preferable. Wear NIOSH/MSHA approved self-contained breathing apparatus and complete protective clothing to prevent contact with skin and eyes.

SECTION VI - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Remove all ignition sources. Wear an air-supplied respirator for an unventilated spill. Cover with absorbent. Scoop into containers using non-sparking tools. Clean up residue with a suitable cleaning solvent. Wear appropriate personal protective equipment (See Section VIII).

SECTION VII - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep container tightly closed. Isolate from heat, electrical equipment, sparks and flame. Use grounding and bonding procedures during transfer. Do not store above 120 degrees F. Vapors of this product are heavier than air and may collect in low or confined areas. Empty drums may contain explosive vapors. Do not cut, puncture, or weld on or near drum. Wear proper personal protective equipment (See Section VIII). Wash thoroughly after handling and before smoking or eating.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

Local and/or general ventilation as required to maintain hazardous ingredients below recommended (ACGIH-TLV) or regulated (OSHA-PEL) limits.

RESPIRATORY PROTECTION:

When spraying or applying in any circumstances likely to produce airborne levels of solvent vapors in excess of the TLV, use an organic vapor cartridge or air-supplied respirator.

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EYE PROTECTION:

Chemical goggles or full-face shield.

SKIN PROTECTION:

Solvent resistant gloves.

GENERAL:

Safety shower, eye wash station and washing facilities should be available. When using in circumstances where skin contact is likely, use complete protective garments.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Off-White
Physical State:	Paste
Low Boiling Point:	N/Av
High Boiling Point:	N/Av
Evaporation Rate:	Slower than n-butyl acetate
Vapor Density:	Heavier than air
% Volatiles by Volume:	9
Specific Gravity:	1.72
Liquid Density:	Heavier than water
Weight Per Gallon:	14.33
VOC (GR/L):	85
VOC (GR/L, Combined):	78

SECTION X - STABILITY AND REACTIVITY

STABILITY:

Stable.

HAZARDOUS POLYMERIZATION:

Will not occur.

INCOMPATIBILITY:

Strong oxidizing agents, strong acids.

CONDITIONS TO AVOID:

See incompatibilities above.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of carbon and nitrogen, sulfur dioxide, traces of hydrogen sulfide.

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SECTION XI - TOXICOLOGICAL INFORMATION

ACUTE ORAL, DERMAL AND INHALATION EFFECTS (LD50 AND LC50):

CAS NUMBER	LD50	LC50
001317-65-3	6450 mg/kg,oral,rat	N/AV.
061788-76-9	>4000 mg/Kg,oral,rat	N/AV.
000471-34-1	2000 mg/kg,oral,rat	N/AV.
REF00000003	N/Av	N/Av
000067-56-1	N/AV.	N/AV.
000108-88-3	2600 mg/kg,oral,rat	8800 ppm,rat,4hr.
014808-60-7	5000 mg/kg,oral,rat	N/AV.

Carcinogenicity:

Crystalline Silica (Quartz):

Crystalline silica dust in its neat form is on the IARC Monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Humans (Volume 42, 1987) concludes that there is sufficient evidence for the carcinogenicity of crystalline silica to experimental animals, and there is limited evidence of the carcinogenicity of crystalline silica to humans. IARC Class 2A.

NOTICE:

There are no data available on the product itself.

SECTION XIII - ECOLOGICAL INFORMATION

NOTICE:

There are no data available on the product itself.

SECTION XIII - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

When disposing of this material, ensure that it is packaged, stored, transported, and otherwise handled in accordance with local, state, and federal regulations.

EPA WASTE NUMBERS:

D-001 (Ignitable)

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SECTION XIV - TRANSPORT INFORMATION

DOT (Non-Bulk):

PROPER SHIPPING NAME: Not regulated
HAZARD CLASS: Not Applicable
UN NUMBER: Not Available

SPECIAL NOTES:

Closed cup flash point is required information. However, the actual flammability of this material is more accurately indicated by the fire point due to low concentration of volatile ingredients. Testing by U.S. Bureau of Explosives, conducted according to the U.S. Department of Transportation regulations, has demonstrated that this material is not classified as a flammable liquid and is not sufficiently ignitable to be classified as flammable solid. Therefore it is not regulated as a flammable material for transportation.

SECTION XV - REGULATORY INFORMATION

TSCA Section 8(b) - Inventory Status:

All ingredients in this product are listed in the TSCA Inventory or are exempt from listing.

CANADIAN EPA - DSL Inventory Status:

The DSL status of this product is unknown at this time.

SARA Title III Section 313 - Toxic Chemical List (TCL):

This product contains a toxic chemical for routine annual "Toxic Chemical Release Reporting" under Section 313 (40 CFR 372). This information must be included in all MSDS's copied or distributed for this product.

000067-56-1 Methyl Alcohol
000108-88-3 Toluene

SARA Title III Section 302 - CERCLA:

This product contains the following chemicals regulated under Section 302 as extremely hazardous substance(s) for emergency release notification (CERCLA List).

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000067-56-1 Methyl Alcohol	5000
000108-88-3 Toluene	1000

CALIFORNIA PROPOSITION 65 - Reportable ingredients:

Chemicals known by the state of CA to cause cancer:

This product contains the following chemical which is known to the state of California to cause cancer.

014808-60-7 Crystalline Silica Quartz

Chemicals known by the state of CA to cause reproductive toxicity:

This product contains the following chemical which is known to the state of California to cause reproductive toxicity.

000108-88-3 Toluene

TSCA Section 12(b) - Export Notification:

This product does not contain any chemicals subject to Section 12(b) export notification.

CLEAN AIR ACT - Hazardous Air Pollutants (CAA Section 112):

This product contains the following chemicals regulated under Section 112 for National Emission Standards of Hazardous Air Pollutants notification.

000067-56-1	Methyl Alcohol
000108-88-3	Toluene
000123-31-9	Hydroquinone

Pennsylvania Right to Know - Reportable Ingredients:

The following is required composition information. Also, review Section II for additional information for other chemicals.

000067-56-1	Methyl Alcohol
000108-88-3	Toluene
000123-31-9	Hydroquinone
001317-65-3	Limestone

New Jersey Right to Know - Reportable Ingredients:

The following is required composition information. Also, review Section II for additional information for other chemicals.

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000067-56-1	Methyl Alcohol
000108-88-3	Toluene
014808-60-7	Crystalline Silica Quartz

SECTION XVI - OTHER INFORMATION

Effective Date: 08/16/02 Supersedes Date: 08/16/2002

Revision Number: 00

Revision Reason: Base # and formula change

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