

MATERIAL SAFETY DATA SHEET

PRC 449 FM, Part B  
FM5552

Effective Date: 01/16/03

SECTION I - MANUFACTURER AND PRODUCT INFORMATION

PRC-DeSoto International, Inc.  
A PPG Industries Company  
5430 San Fernando Road  
P.O. Box 1800  
Glendale, CA 91209

Information Phone: (818) 240-2060  
Emergency Phone: (800) 228-5635  
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CHEMTREC: (800) 424-9300

Trade Name: PRC 449 FM, Part B  
Base component

Product Code: FM5552  
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
000471-34-1	10 - 30	Calcium Carbonate
061788-76-9	10 - 30	Chlorinated Paraffin
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	15 mg/M3	N/E	S
000471-34-1	10 mg/M3	N/E	15 mg/M3	N/E	S
061788-76-9	N/E	N/E	N/E	N/E	
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.  
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SECTION III - HAZARDS IDENTIFICATION  
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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 or fume will irritate the nose and throat.

EYE CONTACT:

Vapor or fume can irritate the eyes.

SKIN CONTACT:

Substance can cause moderate irritation.

INGESTION:

Ingestion can cause irritation of gastro-intestinal tract.

DELAYED EFFECTS:

Repeated overexposure may cause headaches, dizziness, drowsiness, unconsciousness and central nervous system effects.

Contains an ingredient listed as known or suspected carcinogen?

NTP: No

OSHA: No

IARC: Yes  
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SECTION IV - FIRST AID MEASURES  
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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  
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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.  
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SECTION V - FIRE AND EXPLOSION HAZARD IDENTIFICATION  
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FLASHPOINT: 111 F 43.88 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.

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.  
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SECTION VI - ACCIDENTAL RELEASE MEASURES  
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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).

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SECTION VII - HANDLING AND STORAGE  
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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.

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SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION  
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ENGINEERING CONTROLS:

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

RESPIRATORY PROTECTION:

Not normally required. 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.

EYE PROTECTION:

Safety glasses.

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

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likely, use complete protective garments.  
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SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES  
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Appearance:	Off-White
Physical State:	Paste
Low Boiling Point:	N/Av
High Boiling Point:	N/Av
Evaporation Rate:	Non-volatile
Vapor Density:	Heavier than air
% Volatiles by Volume:	4
Specific Gravity:	1.80
Liquid Density:	Heavier than water
Weight Per Gallon:	14.97
VOC (GR/L):	56
VOC (GR/L, Combined):	N/Av

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SECTION X - STABILITY AND REACTIVITY  
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STABILITY:

Stable.

HAZARDOUS POLYMERIZATION:

Will not occur.

INCOMPATIBILITY:

Strong oxidizing agents.

CONDITIONS TO AVOID:

See incompatibilities above.

HAZARDOUS DECOMPOSITION PRODUCTS:

Products of combustion are hazardous including oxides of carbon, oxides of nitrogen, oxides of sulphur and hydrogen chloride.  
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SECTION XI - TOXICOLOGICAL INFORMATION  
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ACUTE ORAL, DERMAL AND INHALATION EFFECTS (LD50 AND LC50):

CAS NUMBER	LD50	LC50
001317-65-3	6450 mg/kg,oral, rat	N/AV.
000471-34-1	2000 mg/kg,oral, rat	N/AV.
061788-76-9	>4000 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.

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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.  
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SECTION XII - ECOLOGICAL INFORMATION  
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NOTICE:

There are no data available on the product itself.  
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SECTION XIII - DISPOSAL CONSIDERATIONS  
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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  
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DOT (Non-Bulk):

PROPER SHIPPING NAME: Adhesives  
HAZARD CLASS: 3  
UN NUMBER: UN 1133  
PACKING GROUP: II  
LABEL: Flammable liquid

SPECIAL NOTES:

None  
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SECTION XV - REGULATORY INFORMATION  
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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).

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

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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.

000067-56-1      Methyl Alcohol

000108-88-3      Toluene

014808-60-7      Crystalline Silica Quartz

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SECTION XVI - OTHER INFORMATION  
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Effective Date: 01/16/03      Supersedes Date: 01/16/2003  
Revision Number: 00  
Revision Reason: New MSDS

The information in this MSDS was obtained from sources which we believe to be reliable. However, since much of the information has been received from sources outside the company, it is provided without any warranty, expressed or implied, regarding its correctness, or suitability for specific situations. The conditions of handling, storage, use, and disposal of this product are beyond our control and may be beyond our knowledge. The user has the sole responsibility to determine the suitability of the material for any use, and the manner and conditions of use. Therefore, we cannot assume responsibility and expressly disclaim liability for loss, damage, injury, or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. Effects can be aggravated by other materials and/or this material may aggravate or add to the effects of other materials.

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