

MATERIAL SAFETY DATA SHEET

PR-142 Adhesion Promoter  
FM0866

Effective Date: 05/22/2000

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  
CHEMTREC: (800) 424-9300

Trade Name: PR-142 Adhesion Promoter  
One Component

Product Code: FM0866  
Form ID No: A03  
Product Class: Modifiers in solvents

HMIS HAZARD RATING  
HEALTH - 2  
FLAMMABILITY - 3  
REACTIVITY - 0  
PPE - H  
None (0) ---> Extreme (4)

SECTION II - COMPOSITION

INGREDIENTS INFORMATION

CAS NUMBER	Wt %	CHEMICAL IDENTITY
000067-56-1	70 - 100	Methyl Alcohol
001760-24-3	< 5	N-Beta-(Aminoethyl)-Gamma- Aminopropyltrimethoxysil

EXPOSURE LIMITS

CAS NUMBER	EXPOSURE LIMITS (ppm)			
	ACGIH TLVs		OSHA PELs	
	TWA	STEL	TWA	STEL
000067-56-1	200	250	200	N/E S
001760-24-3	N/E	N/E	N/E	N/E

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 and mist will irritate nose, throat and respiratory tract. Repeated overexposure is harmful and may be fatal. High vapor concentration may cause dizziness, drowsiness, nausea and vomiting.

EYE CONTACT:

Vapor, mist or liquid is irritating to eyes and may cause temporary corneal damage.

SKIN CONTACT:

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

INGESTION:

Liquid can cause irritation of gastro-intestinal tract followed by nausea and vomiting. Harmful if ingested and may be fatal. May cause blindness and hearing loss.

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: No  
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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 attention.  
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-----

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: 54 F 12.22 C

Method: Tag Closed Cup

LEL (%): N/Av

UEL (%): N/Av

FLAMMABILITY CLASSIFICATION:

Flammable

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. Store in a dry location. 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:

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:

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.

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-----

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES  
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Appearance: Clear  
Physical State: Liquid  
Low Boiling Point: 147 F 63.88 C  
High Boiling Point: N/Av  
Evaporation Rate: Faster than n-butyl acetate  
Vapor Density: Heavier than air  
% Volatiles by Volume: 98.6  
Specific Gravity: 0.796  
Liquid Density: Lighter than water  
Weight Per Gallon: 6.63  
VOC (GR/L): 788  
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, strong acids.

CONDITIONS TO AVOID:

See incompatibilities above.

HAZARDOUS DECOMPOSITION PRODUCTS:

Products of combustion are hazardous including carbon monoxide,  
carbon dioxide, and oxides of nitrogen.  
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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
000067-56-1	N/AV.	N/AV.
001760-24-3	7460 mg/kg, oral, rat	N/AV.

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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:	Methanol solution
HAZARD CLASS:	3, (6.1)
UN NUMBER:	UN 1230
PACKING GROUP:	II
LABEL:	Flammable liquid & Toxic

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

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

CALIFORNIA PROPOSITION 65 - Reportable ingredients:

Chemicals known by the state of CA to cause cancer:

This product does not contain any chemicals currently on the California list of known carcinogens.

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

This product does not contain any chemicals currently on the California list of known Reproductive Toxins.

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

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Pollutants notification.

000067-56-1 Methyl Alcohol

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

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  
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SECTION XVI - OTHER INFORMATION  
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Effective Date: 05/22/2000 Supersedes Date: 01/07/2000  
Revision Number: 02

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