

**SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

MSDS PREPARED BY: Environmental Health Dept.-Grace Construction Products

W.R.Grace & Co.-Conn.  
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294 Clements Rd. West  
Ajax, Ontario, L1S 3C6Telephone Number for Information and Emergency Response  
In USA: (617) 876-1400 In Canada: (905) 683-8561

MSDS Number: M-85663 000001 Cancels MSDS # M-85650 Date: 07/27/1999

Trade Names and Synonyms:  
(SEE SECTION 16 FOR ADDITIONAL  
PRODUCT IDENTIFICATION)

WATER-BASED PRIMERS

Chemical Names and Family:

Modified Latex Dispersion

Product Use:

Adhesive Surface Conditioner

Formula:

Mixture-NA

CAS# (Chemical Abstract Service):

MIXTURE-NA

**SECTION 2 - HAZARDOUS INGREDIENT AND MAJOR COMPONENT INFORMATION**

(See Section 11 for Complete Chemical Names)

**EXPOSURE LIMITS**

INGREDIENT:	Max. % By Wt.	EXPOSURE LIMITS		
		OSHA	Exposure Limits ACGIH	OTHER
METHYL ALCOHOL (METHANOL)	7.00	200 ppm	200 ppm	NIOSH: 200 ppm
CAS# 00067-56-1		260 mg/m3 TWA	262 mg/m3 TWA	260 mg/m3 TWA
		250 ppm	250 ppm	250 ppm
		310 mg/m3 STEL	328 mg/m3 STEL	325 mg/m3 STEL

**EXPOSURE GUIDELINES - CANADA**

Employers should check with local provincial regulatory agencies for exposure guidelines, which may vary locally.

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**SECTION 3 - HAZARDS IDENTIFICATION**

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**Emergency Overview:****Warning Statements:**

CAUTION! MAY CAUSE IRRITATION TO EYES AND SKIN.  
MAY BE HARMFUL IF SWALLOWED.

- ... Contains Acrylic latex polymer CAS# 25951-38-6/70677-00-8,  
Methanol CAS# 67-56-1 and Water CAS# 7732-18-5.
- ... May cause eye and skin irritation.
- ... Inhalation of vapor or mist can cause respiratory irritation.
- ... May be harmful if swallowed.
- ... Read and understand all Health and Safety information on  
the product Label and Material Safety Data Sheet before use.

**NPCA-HMIS Hazard Index:**

- o Health: 1
- o Flammability: 2
- o Reactivity: 0
- o Personal Protection: B  
(See Section 8)

**Potential Health Effects****Routes of Exposure:****Inhalation:**

Inhalation of vapor or mist may cause irritation of the upper respiratory tract causing sore throat, coughing or breathing difficulties and may produce symptoms of headache and nausea in poorly ventilated areas. Repeated or prolonged exposure may cause effects similar to those outlined under ingestion.

**Skin and Eye:**

Skin contact may cause irritation resulting in temporary reddening of the skin. Skin absorption of the Methanol fraction of this product may cause metabolic effects similar to those outlined under ingestion.

Eye contact with solution, spray, mist or vapor may irritate eyes causing tearing and/or temporary reddening. Repeated or prolonged contact may result in conjunctivitis.

**Ingestion:**

If swallowed, may cause irritation to mouth, throat and stomach causing pain and nausea. When ingested, Methanol acts as a narcotic/neurotoxin and may cause mild inebriation and subsequent drowsiness, headache, weakness, vertigo and violent pain in the back, abdomen, and extremities. Effects on the eyes may include blurred or dimmed vision, eye pain, partial blindness or permanent blindness may occur. Ingestion of Methanol may be fatal.

**Carcinogenicity Information:**

This product is not carcinogenic according to NTP, IARC and OSHA.

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**SECTION 4 - FIRST AID MEASURES**

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**EYE:** In case of eye contact, immediately flush eyes for 15-30 minutes with large amounts of clean, lukewarm water while holding eyelids apart. Consult a physician.

**SKIN:** In case of skin contact, immediately remove any contaminated clothing. Promptly cleanse the area with waterless hand cleaner, thoroughly clean fingernails and follow by washing with soap and water. NEVER USE SOLVENTS TO CLEAN SKIN! If irritation develops or persists, consult a physician.

**INHALATION:** If irritation due to inhalation develops, get fresh air immediately. If irritation persists, consult a physician.

**INGESTION:** If swallowed, contact a physician or Poison Control Center immediately. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

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**SECTION 5 - FIRE FIGHTING MEASURES**

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Flash Point: 141°F

Method Used: Closed Cup

LEL NA

UEL NA

N.F.P.A. Rating: H-1, F-2, R-0

Extinguishing Media

To extinguish use water spray, Carbon dioxide, dry chemical or alcohol-type.

Special Fire Fighting Procedures

Not Applicable

Unusual Fire and Explosion Hazards

Not Applicable

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**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

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Prevent product from entering drinking water supplies or streams. Observing above precautions, collect liquid with inert, noncombustible material and remove for disposal.

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**SECTION 7 - HANDLING AND STORAGE INFORMATION**

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Precautionary Measures:

- ... Avoid breathing vapors and spray mists. Use with adequate ventilation and/or respiratory protection.
- ... Avoid contact with eyes and skin.
- ... Use with adequate ventilation.
- ... Keep container closed when not in use.
- ... Wash thoroughly after handling.
- ... FOR PROFESSIONAL USE ONLY. KEEP OUT OF CHILDREN'S REACH.

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**SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**

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Ventilation:

Local Exhaust: Recommended when used in confined area.

Mechanical: Recommended when used in confined area.  
 Special: Not generally required.  
 Other: Not generally required.

Respiratory Protection:

Caution: Methanol has poor warning properties and will result in a shortened organic vapor canister service life. It is recommended that self-contained breathing apparatus (SCBA) be used to maintain exposures below the regulatory limits outlined in Section 2.

Skin Protection:

Rubber or other impervious gloves should be worn to prevent skin contact.

Eye Protection:

Safety glasses or goggles should be worn to protect against eye contact with liquid or spray mist.

Other Protective Clothing or Equipment:

Wear appropriate clothing to prevent skin contact.

Work/Hygienic Practices:

Use work practices to prevent the build-up and subsequent inhalation of vapors. Prevent direct skin contact. Avoid rubbing eyes while handling. Always use good personal hygiene practices after handling.

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**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

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<u>Boiling Point:</u> >212°F	<u>Specific Gravity</u> (H <sub>2</sub> O=1) ~1.1
<u>Vapor Pressure</u> (mm Hg.) Not Tested	<u>% Volatiles</u> ~30 by weight
<u>Vapor Density</u> (AIR = 1) Not Tested	<u>Evaporation Rate</u> Not Tested (Butyl Acetate = 1)
<u>Solubility in Water:</u> Complete	<u>pH</u> ~7.9
<u>Bulk Density</u> (#/cu. ft): 8.9 lbs/gallon	
<u>Appearance and Odor:</u> Milky white, liquid with a latex paint type odor.	
<u>Odor Threshold:</u> Not Determined	

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**SECTION 10 - STABILITY AND REACTIVITY**

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Stable under normal conditions (yes or no): YES

Conditions or Materials to avoid (which may react or cause instability):  
None Known

Hazardous Decomposition or Byproducts:

When water and alcohol evaporates, dried product may burn producing Carbon monoxide, Carbon dioxide and oxides of nitrogen.

Hazardous Polymerization:

Will not occur.

Conditions to Avoid:

None Known

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**SECTION 11 - TOXICOLOGICAL INFORMATION**

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INGREDIENT

(Chemical Name,  
CAS#, & Common Name)

TOXICITY DATA: LD 50, & LC50 etc.

(See Section 2 for Exposure Limits)

**Methyl Alcohol**

CAS# 67-56-1

LD<sub>50</sub> (oral, rat) 5628 mg/kg

LD<sub>LO</sub> (oral, human) 143-6222 mg/kg

Toxicological testing of this product, as a whole, has not been conducted.

**Reproductive Toxicity**

- Not Applicable

**Teratogenicity**

- Not Applicable

**Mutagenicity**

- Not Applicable

**Toxicologically Synergistic Products**

- Not Applicable

**Sensitization**

- Not Applicable

**Irritancy**

- Not Applicable

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**SECTION 12 - ECOLOGICAL INFORMATION**

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None Available At This Time

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**SECTION 13 - DISPOSAL CONSIDERATIONS**

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Consult all regulations (federal, state, provincial, local etc.) or a qualified waste disposal firm when characterizing waste for disposal. Dispose of waste in accordance with all applicable regulations.

**SECTION 14 - TRANSPORT INFORMATION****Transportation Hazard Classification**

PROPER SHIPPING: Nonhazardous

NAME  
 HAZARD CLASS: Not Applicable  
 IDENTIFICATION #: Not Applicable  
 LABEL(s) REQUIRED: Not Applicable

Surface Freight Classification: Adhesives N.O.S.

**SECTION 15 - REGULATORY INFORMATION**(Not Meant To Be All Inclusive  
Selected Regulations Represented)**SARA Title III Reporting Information****Tier I & II Hazard Categories:** IMMEDIATE (ACUTE) HEALTH

Contains Extremely Hazardous-SARA III Section 302 Ingredient: NO  
Comments:

Contains Toxic Chemical Release-SARA III Section 313 Ingredient: NO  
Comments:

**Other Government Reporting Requirements:****CHEMICAL INVENTORY CERTIFICATION:****For U.S. Products ONLY**

All ingredients contained in this product are included on the US EPA Toxic Substances Control Act (TSCA) inventory or exempt from listing on the TSCA inventory.

This product contains the following chemical substances subject to the reporting requirements of TSCA 12 (B) if exported from the United States:

CHEMICAL NAME	CAS NUMBER
n-Butyl acetate	123-86-4
Acetone	67-64-1
Isopropanol	67-63-0

**For Canadian Products ONLY**

All ingredients contained in this product comply with the requirements of the Canadian Environmental Protection Act (CEPA) and are listed on the Domestic Substance List (DSL) or Non-Domestic Substance List (NDSL).

**WHMIS CLASS:**

Class B, Division-3/Combustible Liquids

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation (CPR). This MSDS contains all the information by the CPR.

**VOLATILE ORGANIC COMPOUNDS:**

VOC Content: 110 g/l

**Nonhazardous Ingredient Disclosure:**

Butyl acrylate, methyl methacrylate, hydroxyethyl acrylate polymer  
CAS# 25951-38-6 and Butyl acrylate, methyl methacrylate, styrene,  
methacrylic acid 2-hydroxyethyl acrylate polymer CAS# 70677-00-8.

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**SECTION 16 - OTHER INFORMATION**

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The information contained in this Material Safety Data Sheet is applicable to the following products:

Bituthene® Primer WP-3000

**DISCONTINUED PRODUCTS:**Bituthene® Water-Based Primer (**Discontinued 9/99**)

"THE DATA INCLUDED HEREIN ARE PRESENTED IN ACCORDANCE WITH VARIOUS ENVIRONMENT, HEALTH AND SAFETY REGULATIONS. IT IS THE RESPONSIBILITY OF A RECIPIENT OF THIS DATA TO REMAIN CURRENTLY INFORMED ON CHEMICAL HAZARD INFORMATION, TO DESIGN AND UPDATE ITS OWN PROGRAM AND TO COMPLY WITH ALL NATIONAL, FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS APPLICABLE TO SAFETY, OCCUPATIONAL HEALTH, RIGHT-TO-KNOW AND ENVIRONMENTAL PROTECTION."