

W. R. GRACE
MATERIAL SAFETY DATA SHEET

Product Name: Procor® 75 Cold Weather Formula, Part B
MSDS ID Number: M-85653

MSDS Date: 01/19/2001

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Procor® 75 Cold Weather Formula, Part B
MSDS Number: M-85683
Cancelled MSDS Number: NEW
MSDS Date: 01/19/2001
Chemical Family Name: Fluid applied Waterproofing Membranes Made of Naphthenic Oils and Inorganic Fill
Product Use: Waterproofing Products
Chemical Formula: Mixture-NA
CAS # (Chemical Abstracts Service Number): Mixture-NA

Manufactured by:

W.R.Grace & Co.-Conn.
62 Whittemore Avenue
Cambridge, MA 02140

Grace Canada, Inc.
294 Clements Road West
Ajax, Ontario L1S 3C6

In Case of Emergency Call:

In USA: (617) 876-1400 In Canada: (905) 683-8561

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredient | CAS# | Percent (max) |
|-----------------------------------|-------------|----------------------|
| Styrene-Butadiene block copolymer | 009003-55-8 | 60-80 |

SECTION 3 - HAZARDS IDENTIFICATION

Emergency Overview:

Warning!

Causes eye irritation.

Causes skin irritation.

Product reacts with other component. Reaction is exothermic, releasing heat and fumes.

Mixed product contained in the pail may reach temperatures of 291°F.

Contact with hot materials will result in burns.

Do not seal containers once mixed with other component or contaminated with water.

Sealed containers explode due to pressure from the reaction.

W. R. GRACE
MATERIAL SAFETY DATA SHEET

Product Name: Procor® 75 Cold Weather Formula, Part B
MSDS ID Number: M-85653

MSDS Date: 01/19/2001

HMIS Rating:

| | |
|--------------------------------|---------------------|
| Health: | 1 |
| Flammability: | 1 |
| Reactivity: | 1 |
| Personal Protective Equipment: | B,G (See Section 8) |

Potential Health Effects:

Inhalation:

Not expected to be harmful. However, if mixed material is allowed to set in the container and subsequently inhaled. Temperatures up to 291°F can be reached, liberating water vapor, Carbon Disulfide and other Hydrocarbons.

Effects include: No other effects expected.

Eye Contact:

Eye contact causes irritation.

Skin Contact:

Skin contact causes irritation.

Skin Absorption:

Not expected to be harmful if absorbed through the skin.

Ingestion:

Due to the physical nature of this product, ingestion of this product is not likely.

Effects include the following: No other effects expected.

SECTION 4 - FIRST AID MEASURES:

Skin Contact:

If discomfort or irritation persists, consult a physician.

In case of skin contact, clean fingernails and wash skin with soap and water. If residue remains, clean with waterless handcream or abrasive soap. If irritation develops, consult a physician.

Remove contaminated clothing and wash before reuse.

Eye Contact:

If discomfort or irritation persists, consult a physician.

Flush eyes with water for at least 15 minutes while holding eyelids open.

Ingestion:

If discomfort or irritation persists, consult a physician.

Never give anything by mouth to an unconscious person.

Do not induce vomiting.

Inhalation:

If symptoms develop, get fresh air. If symptoms persist, consult a physician.

If breathing has stopped, give artificial respiration then oxygen if needed.

W. R. GRACE
MATERIAL SAFETY DATA SHEET

Product Name: Procor® 75 Cold Weather Formula, Part B
MSDS ID Number: M-85653

MSDS Date: 01/19/2001

SECTION 5 - FIRE AND EXPLOSION HAZARD DATA

| | |
|-----------------------------------|----------------|
| Flash Point: | Not Determined |
| Flash Point Method: | Not Applicable |
| Lower Explosion Limit: | Not Available |
| Upper Explosion Limit: | Not Available |
| Auto-Ignition Temperature: | Not Available |

NFPA Rating:

| | |
|----------------------|---|
| Health: | 1 |
| Flammability: | 1 |
| Reactivity: | 1 |

Extinguishing Media: In case of fire, use water spray, dry chemical, Carbon dioxide or alcohol foam.

Special Fire Fighting Procedures:

Wear self-contained breathing apparatus and complete personal protective equipment when potential for exposure to vapors or products of combustion exist. Water may be used to cool containers to prevent pressure build-up and possible auto-ignition or explosion. Avoid breathing hazardous vapors or products of combustion, keep upwind. Isolate area and keep unnecessary people away. Prevent run-off from fire control or dilution from entering streams or drinking water supplies.

No special procedures specific to this product.

Unusual Fire and Explosion Hazards:

None known for this product.

SECTION 6 - ACCIDENTAL RELEASE MEASURES:

Spills/Leaks:

Use proper personal protective equipment. According to EPA (40 CFR § 261.3) waste of this product is not defined as hazardous. Do not flush to sewer or allow to enter waterways. Keep unnecessary people away.

W. R. GRACE
MATERIAL SAFETY DATA SHEET

Product Name: Procor® 75 Cold Weather Formula, Part B
MSDS ID Number: M-85653

MSDS Date: 01/19/2001

SECTION 7 - HANDLING AND STORAGE

Precautionary Measures:

Avoid contact with eyes, skin and clothing.

Do not take internally.

Practice good personal hygiene to avoid ingestion.

Use only with adequate ventilation.

Wash clothing before reuse.

Wear respiratory protection during spray applications.

Reaction releases heat and fumes if unused mixed product is allowed to sit in pail.

Contact with hot material will result in burns.

Use all product within 30-60 minutes of mixing to avoid an exothermic reaction (release of heat and fumes). Reaction times may vary depending upon temperature and mixing conditions.

Promptly cleanse hands after handling.

FOR PROFESSIONAL USE ONLY. KEEP OUT OF CHILDREN'S REACH.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT

EXPOSURE GUIDELINES (US)

| Ingredient | ACGIH TLV | | | OSHA PEL | | | Other |
|-----------------------------------|-----------|------|---------|----------|------|---------|-------|
| | TWA | STEL | Ceiling | TWA | STEL | Ceiling | |
| Styrene-Butadiene block copolymer | - | - | - | - | - | - | - |

EXPOSURE GUIDELINES (CANADA)

Employers should consult provincial regulatory limits for exposure guidelines which may vary locally.

Engineering Controls:

Provide local exhaust ventilation to prevent vapor build-up during application. This is particularly important in enclosed or confined areas where natural ventilation may not be adequate. Provide enough ventilation to maintain exposure levels below regulatory limits.

W. R. GRACE

MATERIAL SAFETY DATA SHEET

Product Name: Procor® 75 Cold Weather Formula, Part B
MSDS ID Number: M-85653

MSDS Date: 01/19/2001

Personal Protective Equipment:

Respiratory Protection: Respiratory protection may not be required in well ventilated areas. However, indoors or where ventilation is inadequate, the use of respirators equipped with organic vapor cartridges is required. During spray applications, the use of a dust/mist respirator such as a 3M Type P-95 or 3M Type P-95 with organic vapor (OV) protection (or equivalent) is required, but the specific respirator(s) may not adequately protect against actual working conditions which must be assessed periodically as work progresses. (See Work/Hygienic Practices.)

Skin Protection: Impervious (PVC, latex or nitrile) gloves should be worn anytime direct contact is possible.

Eye Protection: Safety glasses or goggles should be worn.

Work/Hygienic Practices: Use good personal hygiene practices.

Carbon disulfide and other potentially harmful gases, vapors and fumes may evolve as a result of exothermic reactions ("hot product") when components are mixed. Carbon disulfide may be detected by odor at about 1 ppm, but the ability to smell fatigues (diminishes) rapidly, therefore, odor does not serve as a good warning property. If eye or respiratory irritation is present, or if a foul odor is detected, you may be experiencing exposure to Carbon disulfide and other organics. Leave the area immediately and seek fresh air.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| Physical State: | Liquid |
| Appearance/Odor: | A milky white aqueous dispersion with a mild aromatic odor. |
| Odor Threshold: (ppm) | Not Determined |
| pH: | 9.0-12.0 |
| Vapor Pressure: (Mm Hg) | Not Determined |
| Vapor Density: (Air = 1) | Not Determined |
| Solubility In Water: | Miscible |
| Specific Gravity: (Water = 1) | 1.0 |
| Evaporation Rate: (Butyl Acetate = 1) | Not Determined |
| Boiling Point: | ~212°F |
| Viscosity: | Unknown |
| Bulk Density: (Pounds/Cubic Foot)(Pcf) | ~60 |
| % Volatiles (gr/L): (70°F) (21°C) | Not Determined |

W. R. GRACE
MATERIAL SAFETY DATA SHEET

Product Name: Procor® 75 Cold Weather Formula, Part B
MSDS ID Number: M-85653

MSDS Date: 01/19/2001

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability: Stable
Conditions To Avoid: Strong oxidizers.
Hazardous Polymerization: Will not polymerize.
Hazardous Decomposition Products: Carbon dioxide and Carbon monoxide.

SECTION 11 - TOXICOLOGICAL INFORMATION

Ingredient(No data unless listed.) **CAS Number** **LD50 and LC50**

Carcinogenicity:

| Ingredient | IARC Group 1 | IARC Group 2A | IARC Group 2B | NTP Known | NTP Suspect | OSHA |
|-----------------------------------|--------------|---------------|---------------|-----------|-------------|------|
| Styrene-Butadiene block copolymer | No | No | No | No | No | No |

Mutagenicity: No information available.
Teratogenicity: No information available.
Reproductive Toxicity: No information available.

SECTION 12 - ECOLOGICAL INFORMATION

Environmental Fate: No data available for product.
Ecotoxicity: No data available for product.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal Procedures: Consult all regulations (federal, state, provincial, local) or a qualified waste disposal firm when characterizing waste for disposal. According to EPA (40 CFR § 261), waste of this product is not defined as hazardous. Dispose of waste in accordance with all applicable regulations.

W. R. GRACE
MATERIAL SAFETY DATA SHEET

Product Name: Procor® 75 Cold Weather Formula, Part B
MSDS ID Number: M-85653

MSDS Date: 01/19/2001

SECTION 14 - TRANSPORTATION INFORMATION

| | |
|--|----------------|
| Proper Shipping Name: | Not Applicable |
| UN/NA Number: | Not Applicable |
| Domestic Hazard Class: | Nonhazardous |
| Surface Freight Classification: | Not Applicable |
| Label/Placard Required: | Not Applicable |

SECTION 15 - REGULATORY INFORMATION

REGULATORY CHEMICAL LISTS:

CERCLA (Comprehensive Response Compensation and Liability Act):
(None present unless listed below)

| <u>Chemical Name</u> | <u>CAS #</u> | <u>Wt %</u> | <u>CERCLA RQ</u> |
|-----------------------------|---------------------|--------------------|-------------------------|
|-----------------------------|---------------------|--------------------|-------------------------|

SARA Title III (Superfund Amendments and Reauthorization Act)

SARA Section 312/Tier I & II Hazard Categories:

| | |
|--------------------------|-----|
| Health Immediate (acute) | Yes |
| Health Delayed (chronic) | No |
| Flammable | No |
| Reactive | No |
| Pressure | No |

302 Reportable Ingredients (Identification Threshold 1%.):

| <u>Chemical Name</u> | <u>CAS #</u> | <u>Wt %</u> | <u>SARA 302 TPQ</u> |
|-----------------------------|---------------------|--------------------|--------------------------------|
|-----------------------------|---------------------|--------------------|--------------------------------|

313 Reportable Ingredients (Chemicals present below reporting threshold are exempt):

| <u>Chemical Name</u> | <u>CAS #</u> | <u>Wt %</u> |
|-----------------------------|---------------------|--------------------|
|-----------------------------|---------------------|--------------------|

W. R. GRACE
MATERIAL SAFETY DATA SHEET

Product Name: Procor® 75 Cold Weather Formula, Part B
MSDS ID Number: M-85653

MSDS Date: 01/19/2001

National Volatile Organic Compound Emission Standards For Architectural Coatings:

Volatile Organic Content: (gr/L) 75 g/l (as applied)

WHMIS Classification(s): D2 B

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

State Regulatory Information:

California Proposition 65: This product may, upon mixing, release small amounts of Carbon disulfide, a substance found on California's Proposition 65 list.

Massachusetts Hazardous Substance List(Identification threshold 0.001%(1ppm)):

Chemical Name **CAS #** **Wt %**

New Jersey Hazardous Substance List(Identification threshold (0.1%)):

Chemical Name **CAS #** **Wt %**

Pennsylvania Hazardous Substance List(Identification threshold 0.01%):

Chemical Name **CAS #** **Wt %**

CHEMICAL INVENTORY STATUS:

All chemicals in this product are listed or exempt from listing in the following countries:

| US | CANADA | | EUROPE | AUSTRALIA | JAPAN | KOREA | PHILIPPINES |
|------|--------|------|---------------|-----------|-------|-------|-------------|
| TSCA | DSL | NDSL | EINECS/ELINCS | AICS | ENCS | ECL | PICCS |
| Yes | Yes | No | Yes | Yes | Yes | Yes | Yes |

W. R. GRACE
MATERIAL SAFETY DATA SHEET

Product Name: Procor® 75 Cold Weather Formula, Part B
MSDS ID Number: M-85653

MSDS Date: 01/19/2001

SECTION 16 - OTHER INFORMATION

Non-Hazardous Ingredient Disclosure:

Chemical Name

Water

CAS Number

007732-18-5

Prepared by: EH&S Department
Approved by: EH&S Department
Approved Date: 01/19/2001

Disclaimer:

"The data included herein are presented in accordance with various environment, health and safety regulations. It is the responsibility of a recipient of the 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."

o:\ehsdocs\msds\watprf\Procor 75 Cold Weather Formula, Part B M-85683.doc