

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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

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

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

Telephone Number for Information and Emergency Response
In USA: (617) 876-1400 In Canada: (905) 683-8561

MSDS Number: D-06066 000001 Cancels MSDS # D-05598 Date: 12/19/2005

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

GRACE FIBERS; GRACE MICRO FIBER;
GILCO FIBERS

Chemical Names and Family:

Modified Polypropylene Blend Fiber

Product Use:

Concrete Crack Control

Formula:

Proprietary Mixture

CAS# (Chemical Abstract Service):

PROPRIETARY

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
TOTAL DUST*	NA	15 mg/m3 TWA	TLV/TWA: 10 mg/m3	None Established
CAS# NA				

EXPOSURE GUIDELINES - CANADA

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

SECTION 3 - HAZARDS IDENTIFICATION

Emergency Overview:

Warning Statements:

CAUTION!

- ... Contains Grace polypropylene fibers CAS# Proprietary.
- ... May cause physical or mechanical irritation to eyes.
- ... 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: 1
- o Reactivity: 0
- o Personal Protection: B
(See Section 8)

Potential Health EffectsRoutes of Exposure:Inhalation:

Health effects are not expected from normal industrial use.

Skin and Eye:

Particulates may scratch EYE surface and cause physical or mechanical irritation to eyes. Health effects to SKIN are not expected from normal industrial use.

Ingestion:

No known adverse health effects as a result of ingestion.

Carcinogenicity Information:

Not Applicable

SECTION 4 - FIRST AID MEASURES

EYE: In case of contact, treat as an inert solid and remove as one would any foreign object. Do not rub eyes. Flush with plenty of water while lifting eyelids and rolling eyes. Consult a physician if blinking or irritation persists.

SKIN: Contact is not expected to cause adverse effects.

INHALATION: If irritation due to inhalation develops, get fresh air. If symptoms persist, call a physician.

INGESTION: Adverse effects are not expected.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: 570°F (299°C) Flammable Limits:
Method Used: Unknown LEL N/A UEL N/A
N.F.P.A. Rating: H-1 F-1 R-0

Extinguishing Media

Extinguish the fire and cool fire exposed surfaces with water spray.

Special Fire Fighting Procedures

Isolate "fuel" supply from fire.

Unusual Fire and Explosion Hazards

Solid material may burn at or above the flashpoint and airborne dust may explode if ignited.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

If spilled, observe precautions noted above. Sweep up or shovel spilled material and place in suitable containers for recycle or disposal.

SECTION 7 - HANDLING AND STORAGE INFORMATION

Precautionary Measures:

... Avoid creating airborne particulates.
... Avoid contact with eyes.
... FOR PROFESSIONAL USE ONLY. KEEP OUT OF CHILDREN'S REACH.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation:

Local Exhaust: Not normally required.
Mechanical: Not normally required.
Special: Not normally required.
Other: Not Applicable.

Respiratory Protection:

Not normally required. Wear an approved dust mask (NIOSH Type TC-21C-XXX) if necessary to prevent exposure above the limits specified in Section 2.

Skin Protection:

Not normally required.

Eye Protection:

Wear safety glasses with side shields to avoid contact.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION (Cont'd)

Other Protective Clothing or Equipment:

Not normally required.

Work/Hygienic Practices:

Use bag opening procedures and other work practices to minimize exposure to airborne particulates.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: Not Applicable Specific Gravity(H₂O=1) 0.91 @ 60°F

Vapor Pressure (mm Hg.) Not Applicable % Volatiles None

Vapor Density(AIR = 1) Not Applicable Evaporation Rate Not Applicable
(Butyl Acetate = 1)

Solubility in Water: Insoluble pH Not Applicable

Bulk Density (#/cu. ft): ~10

Appearance and Odor: White plastic fiber.

Odor Threshold:

Not Applicable

SECTION 10 - STABILITY AND REACTIVITY

Stable under normal conditions (yes or no): YES

Conditions or Materials to avoid (which may react or cause instability):
Do not store near flame.

Hazardous Decomposition or Byproducts:

Carbon monoxide, oxides of Nitrogen (NO_x).

Hazardous Polymerization:

Will not occur.

Conditions to Avoid:

None Known

SECTION 11 - TOXICOLOGICAL INFORMATION

INGREDIENT (Chemical Name, CAS#, & Common Name)	TOXICITY DATA: LD ₅₀ , & LC ₅₀ (See Section 2 for Exposure Limits)
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TOTAL DUST* CAS# NA	No Data Available
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SECTION 12 - ECOLOGICAL INFORMATION

None Available At This Time.

SECTION 13 - DISPOSAL CONSIDERATIONS

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.

Waste of this product is not defined as hazardous according to U.S. EPA (40 CFR § 261.3).

SECTION 14 - TRANSPORT INFORMATION

Transportation Hazard ClassificationPROPER SHIPPING: Not Applicable

<u>HAZARD CLASS:</u>	Not Applicable
<u>IDENTIFICATION #:</u>	Not Applicable
<u>LABEL(s) REQUIRED:</u>	Not Applicable

Surface Freight Classification: Original Cloth, Fabric or Piece Goods

(Not Meant To Be All Inclusive
Selected Regulations Represented)

SECTION 15 - REGULATORY INFORMATION

SARA Title III Reporting Information**Tier I & II Hazard Categories:** NOT APPLICABLE

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.

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).

CALIFORNIA PROPOSITION 65 INFORMATION: Not Applicable

WHMIS CLASS: Not WHMIS regulated.

Nonhazardous Ingredient Disclosure:
None

SECTION 16 - OTHER INFORMATION

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

GRACE Fibers
GRACE Micro Fiber
Gilco Fibers

"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."