



SI[®] Corporation

309 Lafayette Road, Chickamauga, GA 30707
423-892-8080

Material Safety Data Sheet

1 PRODUCT IDENTIFICATION AND COMPANY INFORMATION

PRODUCT TYPE:	Fibermesh [®] polypropylene fibers for concrete reinforcement	
TRADE NAMES:	Fibermesh [®] , InForce [™] e3 [™] , Harbourite [®] , Fibermix, Stealth [®] , Stealth [®] e3 [™] , HPP, S-152-30, Novomesh [™] HPP	
CONTACT:	Customer Service (North America) SI [®] Concrete Systems 4019 Industry Drive Chattanooga, TN 37416 1-800-368-2888 or 1-800-634-6374	Customer Service (UK) SI [®] Concrete Systems Hayfield House Devonshire Street Chesterfield, Derbyshire S41 7ST United Kingdom 44-1246-564200

This Material Safety data sheet complies with 29 CFR 1910.1200 OSHA Communication Standard and 91/155/EEC Safety Data Sheets Directive as amended by Directive 93/112/EC

2 COMPOSITION / INFORMATION ON INGREDIENTS

<u>MATERIAL</u>	<u>CAS#</u>	<u>CONTENTS(%WT/WT)</u>
Polypropylene	9003-07-0	>99
Proprietary Additives	Mixture	<1
Proprietary Lubricant	Mixture	<1

3 HAZARDS IDENTIFICATION

OVERVIEW:	Based upon data available to SI Corporation, this product is not hazardous under OSHA Hazard Communication (29 CFR 1910.1200) and EC Directive 93/21/EEC as amended by 96/54/EC		
NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RATING:	HEALTH:	0	
	FLAMMABILITY:	1	
	REACTIVITY:	0	
POTENTIAL HEALTH EFFECTS:	Product may contain surface-applied fiber lubricants that may cause the skin to dry out. Susceptible individuals may develop rash or other symptoms.		

4 FIRST AID MEASURES

EYES:	As for any foreign body, use eyewash. If accompanied by pain or irritation, consult physician.
SKIN:	Wash hands thoroughly after handling. In case of irritation, consult a physician.
INHALATION:	
INGESTION:	

5 FIRE FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, % BY VOLUME	LOWER: N/A	UPPER: N/A
EXTINGUISHING MEDIA:	Dry Chemical, CO ₂ , Foam, Water Fog	
UNUSUAL FIRE OR EXPLOSION HAZARDS:	N/A	
SPECIAL FIRE FIGHTING PROCEDURES:	Material will not burn unless preheated. Overheated or molten material may burn slowly with dense smoke. Avoid inhalation of vapors. Use self contained breathing apparatus and wear protective clothing. Hazardous decomposition products include carbon monoxide, carbon dioxide, smoke and soot.	

6 ACCIDENTAL RELEASE MEASURES

Product is made from polypropylene fibers packaged in paper bags. Packaged product may support combustion in the presence of flame. Dispose of damaged material in accordance with all governmental regulations.

7 HANDLING AND STORAGE

STORAGE: Store away from oxidizing materials in a cool dry place. Do not store in direct sunlight.

HANDLING: No special handling required. If product is molten, avoid contact with eyes or skin.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION REQUIREMENTS: Not required for normal use

PERSONAL PROTECTIVE EQUIPMENT:

EYE PROTECTION:	Not required unless physical contact with eyes is likely.
HAND AND SKIN PROTECTION:	Not normally required. Individuals exhibiting exposure symptoms (see Section 3) may wear suitable gloves that prevent contact.
RESPIRATORY PROTECTION:	Not required.
OTHER REQUIRED EQUIPMENT:	Standard work clothing and shoes.

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical Form	Fibrous materials packaged in paper bags
Appearance	White/natural short fibers
Odor	Essentially Odorless
pH	N/A
Melting Point	328°F (164°C)
Solubility in Water	Insoluble
Specific Gravity	0.905
Vapor Density	N/A
Boiling Point	N/A
% Solids:	~100%
Flash Point:	>315°C (600°F)
Autoignition Temperature:	>550°C (1022°F)

10 STABILITY AND REACTIVITY

STABLE <input checked="" type="checkbox"/>	UNSTABLE <input type="checkbox"/>
CONDITIONS TO AVOID:	Store indoors away from direct sunlight, and away from sparks or flame.
MATERIALS TO AVOID:	Strong oxidizing agents
HAZARDOUS POLYMERIZATION:	Will occur <input type="checkbox"/> Will not occur <input checked="" type="checkbox"/>
HAZARDOUS COMBUSTION PRODUCTS:	Carbon Monoxide, Carbon Dioxide, smoke and soot

11 TOXICOLOGICAL INFORMATION

LISTED AS CARCINOGEN BY:	IARC: 3 (not classifiable for human) NTP: No OSHA: No
PEL(OSHA Permissible Exposure Limit):	None established
TLV(ACGIH Threshold Limit):	None established
<u>ROUTES OF EXPOSURE</u>	
INHALATION:	Not Likely
SKIN CONTACT:	Likely
SKIN ABSORPTION:	N/A
EYE CONTACT:	Likely
INGESTION:	Not Likely
<u>EFFECTS OF OVEREXPOSURE</u>	
ACUTE OVEREXPOSURE:	Product may contain surface-applied fiber lubricants that may cause the skin to dry out. Susceptible individuals may show rash or other symptoms.
CHRONIC OVEREXPOSURE:	N/A

12 ECOLOGICAL INFORMATION

No data available.

13 DISPOSAL CONSIDERATIONS

Transfer to an approved disposal area in accordance with all governmental regulations. Based on information available to SI, this material is not hazardous.

14 TRANSPORT INFORMATION

DOT CLASSIFICATION: Not controlled under DOT (United States)
 TDG CLASSIFICATION: Not controlled under TDG (Canada)
 ADR/RID CLASSIFICATION: Not controlled under ADR (Europe)
 IMO/IMDG CLASSIFICATION: Not controlled under IMDG
 ICAO/IATA CLASSIFICATION: Not controlled under IATA

15 REGULATORY INFORMATION

Federal Regulations (USA): All materials in this product are listed on the TSCA inventory. This product contains no ingredients subject to reporting under SARA 313 (40 CFR Part 372). This product may contain ingredients in the fiber lubricant package that are listed under SARA Section 311/312: Acute Health Hazard. However, at levels under 1% of the product weight, it is not anticipated that a "Reportable Quantity" threshold will be reached with typical inventories.

International Regulations:

WHMIS (Canada):	Not controlled
EINECS:	Not applicable
DSCL (EEC):	Not controlled

16 OTHER INFORMATION

The information contained herein is based on the data available to us and is believed to be correct. However, SI® Corporation makes no warranty, expressed or implied, regarding the accuracy of these data or the results to be obtained from the use thereof. SI Corporation assumes no responsibility for the use of the product described herein.

Revision History

June 5, 2002: Add Novomesh™ HPP to product list
 July 29, 2002: Add Stealth® e3™ to product list
 Sept 10, 2002: Convert format to comply with 91/155/EEC Safety Data Sheets Directive as amended by Directive 93/112/EC