MATERIAL SAFETY DATA SHEET

THE FLOOD COMPANY P O BOX 2535 HUDSON OHIO 44236-0035
PH: 1-800-321-3444 FAX: 330-650-1453

GLASWORKS

SECTION I - PRODUCT IDENTIFICATION

NAME OF MANUFACTURER	The Flood Company 1212 Barlow Road P.O. Box 2535 Hudson, Ohio 44236-0035 U.S.A.
EMERGENCY TELEPHONE NO.	800-321-3444 or your local poison control center Chemtrec 800-424-9300 (24 hours)
PRODUCT NAME	GLASWORKS
PRODUCT CLASS	Fiber Glass Restorer
DATE OF PREPARATION	11/1/04
CHANGE	4/1/06
PREPARED BY	Safety & Compliance Officer

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	PER-CENT	OCCUPATIONAL EXPOSURE LIMIT TLV	PEL	VAPOR PRESSURE	LD50 ORAL-RAT	LC50 IHL - RAT
Petroleum Distillates Stoddard Solvent CAS #64742-47-8	57	100ppm	500ppm	<1.0mm Hg @ 70° F	N/A	N/A
Stoddard Solvent Mineral Spirits CAS #8052-41-3	<11	100ppm	100ppm	Not Available	N/A	N/A
Ethyl Benzene Ethyl Benzene CAS #100-41-4	<0.1	100ppm	100ppm	10mm Hg @ 26° F	3500 mg/kg	N/A

SECTION III - PHYSICAL DATA

BOILING RANGE	300-500 DEGREES F.
VAPOR DENSITY	HEAVIER THAN AIR
EVAPORATION RATE	SLOWER THAN ETHER
VOLATILE VOLUME	70%
WEIGHT/GALLON	7.1 LBS/GAL
PHYSICAL STATE	LIQUID
APPEARANCE & ODOR	CLEAR AMBER, MILD SOLVENT ODOR
ODOR THRESHOLD	NOT AVAILABLE
FREEZING POINT	NOT APPLICABLE
pH	NOT APPLICABLE

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 125° F. T.C.C. LEL: NOT ESTABLISHED

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EXTINGUISHING MEDIA: (X) FOAM ( ) ALCOHOL FOAM (X) CO2
(X) DRY CHEMICAL (X) WATER FOG ( ) OTHER
UPPER FLAMMABLE LIMIT: NOT AVAILABLE
LOWER FLAMMABLE LIMIT: NOT AVAILABLE

UNUSUAL FIRE AND EXPLOSION HAZARDS: Combustible. Exposure of closed containers to heat can cause disruptive pressure. Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point. Do not flush into public sewer system.
SPECIAL FIREFIGHTING PROCEDURES: Avoid breathing fumes. Wear adequate respiratory protection. Water may be ineffective as extinguishing medium but may be used to cool closed containers exposed to heat. Respiratory protection should be self-contained, breathing apparatus type with a full face piece operated in a pressure demand or other positive pressure mode.

SECTION V - TRANSPORTATION DATA

DOT - COMBUSTIBLE LIQUID
Not regulated by ground transportation in non-bulk packaging (450 L or 119 gallons or less) per 49 CFR 173.150 (f)(2).

SECTION VI - TOXICOLOGICAL PROPERTIES

EFFECTS OF OVEREXPOSURE:
SKIN: May cause skin irritation. Prolonged or repeated contact can result in defatting and drying of the skin which may result in dermatitis.
EYE: May cause eye irritation. Symptoms include stinging, tearing, redness.
INHALATION: Vapors may cause narcosis and irritation of respiratory system. Prolonged or repeated contact can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, and even asphyxiation.
SWALLOWING: Can cause gastrointestinal irritation, vomiting. Aspiration (breathing) of vomitus into lungs must be avoided; can enter lungs and cause severe damage. Harmful or fatal if swallowed.

None of the ingredients of this mixture are listed as a carcinogen or potential carcinogen by the National Toxicology Program (NTP), International Agency for Research on Cancer (IARC), or the Occupational Safety and Health Administration (OSHA).

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: Preexisting eye, skin, and respiratory disorders may be aggravated by exposure to this product.
PRIMARY ROUTE (S) OF ENTRY: (X) DERMAL (X) INHALATION (X) INGESTION (X) EYE

SECTION VII - FIRST AID PROCEDURES

SKIN: Wash affected area with soap and water, flush with large amounts of water. If irritation persists, get medical attention. Do not continue to wear oil-soaked clothing. Discard oil-soaked leather goods.
EYE: Flush immediately with large amounts of water for at least 15 minutes while holding eyelids open. Get medical attention.
INHALATION: Remove victim to fresh air. Seek medical attention if symptoms persist.
SWALLOWING: **DO NOT INDUCE VOMITING** due to danger of aspirating oil into lungs. If vomiting occurs spontaneously, keep head below hips to prevent breathing of liquid into the lungs. DO NOT give

anything by mouth if the person is unconscious or having convulsions. Get medical attention immediately.
NOTE TO PHYSICIAN: Aspiration of liquid petroleum products into lungs may cause severe pneumonitis (oil pneumonia). Vomiting should not be induced.

SECTION VIII - REACTIVITY DATA

STABILITY: ( ) UNSTABLE (X) STABLE
HAZARDOUS POLYMERIZATION: ( ) MAY OCCUR (X) WILL NOT OCCUR
HAZARDOUS DECOMPOSITION PRODUCTS: Combustion in restricted environments can produce carbon monoxide, carbon dioxide and various hydrocarbons.
CONDITIONS TO AVOID: Storage of combustible materials wetted with liquid can produce heat and spontaneous combustion.
INCOMPATIBILITY (MATERIALS TO AVOID): Stable under normal conditions of use. Avoid contact with strong oxidizers.

SECTION IX- SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of vapor ignitions. Ventilate area. Stop spill at source. SMALL SPILL: Remove liquid waste with oil-absorbing compounds and non-sparking tools. LARGE SPILL: Exclude persons not wearing protective equipment, dike area of spill and pump liquid into salvage tank.
WASTE DISPOSAL METHOD: Do not incinerate closed containers. Do not dispose of waste material in sewers or waterways. Promptly incinerate wetted, combustible, oil-absorbing materials. Dispose in accordance with all local, State and Federal regulations.

SECTION X - PREVENTATIVE MEASURES

RESPIRATORY PROTECTION: If TLV of the product or any component is exceeded, a NIOSH/OSHA jointly approved, air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/OSHA respirators under specified conditions (see your safety equipment supplier). Engineering or administrative controls should be implemented to reduce exposure.

VENTILATION: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s).
PROTECTIVE GLOVES: Oil resistant if prolonged contact is likely.
EYE PROTECTION: Goggles with side shields when spraying or where splashing is likely.
OTHER PROTECTIVE EQUIPMENT: Oil repellent, protective clothing if prolonged contact is likely.
HYGIENIC PRACTICES: Wash hands with soap and water before eating, drinking, smoking, or using toilet facilities. Launder contaminated clothing before reuse.

SECTION XI - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: COMBUSTIBLE. Prevent contact with flames or hot surfaces. Do not store near heat. Keep containers closed when not in use. Avoid prolonged contact with skin. Avoid breathing concentrated vapors.
OTHER PRECAUTIONS: Store only in well-ventilated areas. Store out of sun and away from heat.

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DANGER: Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water filled metal container to prevent this.

SECTION 313 - SUPPLIER NOTIFICATION

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372:

CAS#	Chemical Name	% by Weight
100-41-4	Ethyl Benzene	<0.1

This information is furnished without warranty, except it is accurate to the best of The Flood Company's knowledge or obtained from sources believed to be accurate. This information is not to be construed as representation for which The Flood Company assumes legal responsibility expressed or implied.

Last update
11/1/04 New
4/1/06 Section II