MATERIAL SAFETY DATA SHEET

THE FLOOD COMPANY • P.O. BOX 2535 • HUDSON, OHIO 44236-0035
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SEMI-TRANSPARENT STAIN (DEEP AND PASTEL BASES)

SECTION I - PRODUCT IDENTIFICATION

NAME OF MANUFACTURER	The Flood Company 1212 Barlow Road P.O. Box 2535 Hudson, Ohio 44235-0035 U.S.A
EMERGENCY TELEPHONE NO.	800-321-3444 or your local poison control center
TRANSPORTATION	Chemtrec 800-424-9300 (24 hours)
PRODUCT NAME	SEMI-TRANSPARENT STAIN (Deep Tone and Pastel Base)
PRODUCT CLASS	Semi-Transparent Stain
DATE OF PREPARATION/CHANGE	September 1, 1999 / September 1, 2002
PREPARED BY	Safety & Compliance Officer

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT Chemical Name Common Name	PERCENT	OCCUPATIONAL EXPOSURE LIMIT TLV	 PEL	VAPOR PRESSURE	LD50 ORAL - RAT	LC50 IHL - RAT
Stoddard Solvent** Mineral Spirits** CAS#8052-41-3**	<10	100ppm	100ppm	N/A	N/A	N/A
Titanium Dioxide Titanium Dioxide CAS#13463-67-7	<5	10mg/m	315mg/m3 total dust	N/A	N/A	N/A
Ethylene Glycol Ethylene Glycol CAS#107-21-1	<5	50ppm	50ppm	< 0.05 mm Hg @ 74°F	4700 mg/kg	N/A

**Generic Chemical Ingredient. Formulated from light, medium or heavy hydrotreated distillate. CAS# will vary with Supplier: 64742-47-8, 64742-95-6, 64742-96-7, 64742-88-7, 64742-88-7, 64742-48-9

SECTION III - PHYSICAL DATA

BOILING RANGE	100°C (212°F)
VAPOR DENSITY	N/A
EVAPORATION RATE	NOT AVAILABLE
VOLATILE VOLUME	72-75%
WEIGHT/GALLON	9.03-9.25 LBS/GAL
PHYSICAL STATE	LIQUID
APPEARANCE & ODOR	Thin paint, color dependent on base, mild ammonia odor
ODOR THRESHOLD	NOT AVAILABLE
FREEZING POINT	0°C (32°F)
pH	8.4-8.5

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >185° F TCC >200° F TOC LEL: N/A
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 locations from material handling point. Do not flush into public sewer systems.
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 skin which may result in dermatitis.
EYE: May cause eye irritation including stinging and tearing.
INHALATION: May be irritating to the nose and respiratory tract. Prolonged exposure may produce central nervous system effects including dizziness, headache, drowsiness, giddiness, uncoor-dination, nausea.
SWALLOWING: Can cause gastrointestinal irritation, vomiting. Aspiration (breathing) of vomitus into the lungs must be avoided; can enter lungs and cause severe damage. Ingesting large amounts of ethylene glycol causes liver and kidney damage.

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 ( ) 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.
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 NO INDUCE VOMITING due to danger of aspirating oil into lungs. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. DO NOT give anything by mouth if the person is unconscious or having convulsions. Get medical attention immediately.

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SECTION VIII - REACTIVITY DATA

STABILITY: ( ) UNSTABLE (X) STABLE
HAZARDOUS POLYMERIZATION: ( ) MAY OCCUR (X) WILL NOT OCCUR
HAZARDOUS DECOMPOSITION PRODUCTS: May form toxic materials such as carbon monoxide, carbon dioxide.
CONDITIONS TO AVOID: Heat, sparks, open flame, and other ignition sources.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids, strong oxidizing agents, reducing agents.

SECTION IX - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Use absorbent to pick up residue (saw dust, sand, commercial absorbents).
WASTE DISPOSAL METHOD: Dispose in accordance with all local, State, and Federal regulations.
SECTION X - PREVENTATIVE MEASURES
RESPIRATORY PROTECTION: Not needed under normal exposure. If vapors, mists, or aerosols are generated, wear a NIOSH/MSHA approved respirators in accordance with OSHA Standard 29 CFR 1900.134.
VENTILATION: Use adequate ventilation.
PROTECTIVE GLOVES: Chemical resistant gloves or other clothing as needed to minimize contact.
EYE PROTECTION: Safety goggles, splash protection. Splashes in eyes should be thoroughly rinsed with water see physician if irritation persists.
OTHER PROTECTIVE EQUIPMENT: Avoid skin contact, protect all areas of skin, eyes and mucous membranes from contact. Rinse thoroughly with water in case of contact and immediately after use.
HYGIENIC PRACTICES: Wash hands with soap and water thoroughly after use. Launder con-taminated clothing before reuse.

SECTION XI - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in a cool dry place. Do not freeze.
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
107-21-1	Ethylene Glycol	<2.0%

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Last update 9/1/99 Section I, V, VI, VII X