MATERIAL SAFETY DATA SHEET

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

RESTORA
EXTERIOR VINYL CLEANER

SECTION I - PRODUCT IDENTIFICATION

NAME	The Flood Company 1212 Barlow Road P.O. Box 2535 Hudson, Ohio 44236-0035 USA
EMERGENCY TELEPHONE NO.	800-321-3444 or your local poison control center
TRANSPORTATION	Chemtrec @ (800) 424-9300 (24 hours)
PRODUCT NAME	EXTERIOR VINYL WASH
PRODUCT CLASS	Cleaning liquid, water type
DATE OF PREPATION/CHANGE	11/1/04
PREPARED BY	Safety & Compliance Officer

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT Chemical Name Common Name	PER-CENT	OCCUPATIONAL EXPOSURE LIMIT TLV	 PEL	VAPOR PRESSURE	LD50 ORAL -RAT	LC50 IHL -RAT
Sodium Carbonate Soda Ash CAS # 497-19-8	<3	Not Available		Not Available	4090 mg/kg	2300 mg/kg
Ethyl Alcohol Ethanol CAS # 64-17-5	<1	1000 ppm	1000 ppm	40mm @ 19°F	7060 mg/kg	Not Available
Sodium Metasilicate Pentahydrate Sodium Silicate CAS # 6834-92-0	<5	Not Available		Not Available	1153 mg/kg	Not Available

SECTION III - PHYSICAL DATA

BOILING RANGE	212 DEGREES F.
VAPOR DENSITY	N/A
EVAPORATION RATE	SLOWER THAN ETHER
VOLATILE VOLUME	90%
WEIGHT/GALLON	8.93 LBS/GAL
PHYSICAL STATE	CLEAR LIQUID
APPEARANCE & ODOR	PINE SCENT
ODOR THRESHOLD	NOT AVAILABLE
FREEZING POINT	32°F
pH	11.78

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A LEL: - N/A

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EXTERIOR VINYL CLEANER

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

UNUSUAL FIRE AND EXPLOSION HAZARDS: None are to be expected. Non-Flammable when in liquid state.
SPECIAL FIREFIGHTING PROCEDURES: Non-flammable in liquid state. It is recommended to wear SCBA when fighting any type of fire.

SECTION V - TRANSPORTATION DATA

DOT/ IMDG / IATA - NOT regulated any size.

SECTION VI - TOXICOLOGICAL PROPERTIES

EFFECTS OF OVEREXPOSURE:
SKIN: May cause irritation, and severe dermatitis in some cases.
EYES: Can cause severe irritation.
INHALATION: May be irritating to the nose, mouth, throat and lungs.
SWALLOWING: Can result in severe damage to tissue and mucous membranes.

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.

PRIMARY ROUTE (S) OF ENTRY: (X) DERMAL (X) INHALATION (X) INGESTION (X) EYE

SECTION VII- FIRST AID PROCEDURES

SKIN: Immediately flush area with large amounts of water. If irritation persists, get medical attention. Remove contaminated clothing and launder before reuse.
EYES: Flush immediately with large amount of water for at least 15 minutes while holding eyelids open. Get medical attention.
INHALATION: Remove to fresh air. Get medical attention if symptoms persist.
SWALLOWING: Immediately drink large quantities of water. DO NOT induce vomiting. If vomiting occurs spontaneously. keep airway clear and give more water. **Get medical attention immediately.**

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, alkaline fumes, etc.
CONDITIONS TO AVOID: Strong acids.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids.

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RESTORA
EXTERIOR VINYL CLEANER

SECTION IX - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Neutralize with a weak acid allow material to evaporate, scoop up dried salts into container.
WASTE DISPOSAL METHOD: Dispose of in compliance with all federal, state, and local regulations.

SECTION X - PREVENTATIVE MEASURES

RESPIRATORY PROTECTION: Ventilation.
VENTILATION: Use adequate ventilation.
PROTECTIVE GLOVES: Rubber gloves.
EYE PROTECTION: Safety goggles, splash protection. Splashes in eyes should be thoroughly rinsed with water, get medical attention.
OTHER PROTECTIVE EQUIPMENT: Avoid skin contact. Rinse off splashes thoroughly with water.
HYGIENIC PRACTICES: Wash hands with soap and water thoroughly after use.

SECTION XI - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in a cool dry place. Do not freeze.

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
NONE	NONE	NONE

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: NA – new product.

MATERIAL SAFETY DATA SHEET

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

RESTORA
CLEAR EXTERIOR VINYL REVITALIZER
LO-LUSTRE

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
TRANSPORTATION	Chemtrec 800-424-9300 (24 hours)
PRODUCT NAME	RESTORA CLEAR EXTERIOR VINYL REVITALIZER LO-LUSTRE
PRODUCT CLASS	Vinyl restorer
DATE OF PREPARATION/CHANGE	11/1/04
PREPARED BY	Safety & Compliance Officer

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT	OCCUPATIONAL EXPOSURE LIMIT TLV	PEL	VAPOR PRESSURE	LD50	LC50
Dipropylene glycol butyl ether CAS# 29911-28-2	< 2.0	NA	NA	NA	NA	NA
Ethylene Glycol CAS # 107-21-1	< 2.0	50 ppm	50 ppm	< .10Hg@68F	4700 mg/Kg	NA

SECTION III - PHYSICAL DATA

BOILING RANGE	Of water
VAPOR DENSITY	Of water
EVAPORATION RATE	SLOWER THAN ETHER
VOLATILE VOLUME	76.6%
WEIGHT/GALLON	8.55 LBS/GAL
pH	7.9

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A LEL: - N/A
EXTINGUISHING MEDIA: ( ) FOAM ( ) ALCOHOL FOAM ( ) CO2
(X) DRY CHEMICAL ( ) WATER FOG
UNUSUAL FIRE AND EXPLOSION HAZARDS: None
NOTE: Non-Flammable in liquid state.
EXPLOSION HAZARDS: None
SPECIAL FIREFIGHTING PROCEDURES: Non-flammable in liquid state.

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RESTORA
CLEAR EXTERIOR VINYL REVITALIZER
LO-LUSTRE

SECTION V - TRANSPORTATION DATA

DOT / IMDG / IATA - Not Regulated any size

SECTION VI - TOXICOLOGICAL PROPERTIES

EFFECTS OF OVEREXPOSURE:

SKIN: Prolonged or repeated contact with skin may cause some skin irritation depending on the individual's sensitivity but no serious dermatitis hazard is anticipated.
EYE: May cause mild eye irritation.
INHALATION: Prolonged or repeated inhalation may cause some irritation depending on the individual's sensitivity but no serious hazard is anticipated.
SWALLOWING: Swallowing small amounts of this product is not likely to cause harmful effects. Swallowing large amounts may be irritating to mouth, throat and stomach. Chronic ingestion of large amounts may be harmful

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: Avoid excessive skin contact.

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
EYE: Flush immediately with large amounts of water for at least 15 minutes. If irritation persists, get medical attention.
INHALATION: Remove victim to fresh air. Seek medical attention if symptoms persist.
SWALLOWING: If large amounts are swallowed or if irritation occurs, seek medical attention. Drink one or two glasses of water. Do not induce vomiting or give anything by mouth to an unconscious person.

SECTION VIII - REACTIVITY DATA

STABILITY: ( ) UNSTABLE (X) STABLE
HAZARDOUS POLYMERIZATION: ( ) MAY OCCUR (X) WILL NOT OCCUR
HAZARDOUS DECOMPOSITION PRODUCTS: None
CONDITIONS TO AVOID: Heat
INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids and bases (caustic).

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LO-LUSTRE

SECTION IX- SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Very small quantities can be wiped or swept up.
WASTE DISPOSAL METHOD: Dispose in accordance with all local, State, and Federal regulations.

SECTION X - PREVENTATIVE MEASURES

RESPIRATORY PROTECTION: Not needed with normal use.
VENTILATION: Normal room ventilation but if conditions cause vapors to accumulate, provide a mechanical exhaust.
PROTECTIVE GLOVES: Usually not needed, however, if prolonged contact is probable, use rubber or plastic gloves.
EYE PROTECTION: Safety goggles.
OTHER PROTECTIVE EQUIPMENT: None needed.
HYGIENIC PRACTICES: Wash hands with soap and water thoroughly after use.

SECTION XI - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid excessive heat an cold.
OTHER PRECAUTIONS: None

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 NA - New Product

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RESTORA
CLEAR EXTERIOR VINYL REVITALIZER
SEMI-GLOSS

SECTION I - PRODUCT IDENTIFICATION

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EMERGENCY TELEPHONE NO.	800-321-3444 or your local poison control center
TRANSPORTATION	Chemtrec 800-424-9300 (24 hours)
PRODUCT NAME	RESTORA CLEAR EXTERIOR VINYL REVITALIZER SEMI-GLOSS
PRODUCT CLASS	Vinyl restorer
DATE OF PREPARATION/CHANGE	11/1/04
PREPARED BY	Safety & Compliance Officer

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT	OCCUPATIONAL EXPOSURE LIMIT TLV	PEL	VAPOR PRESSURE	LD50	LC50
Dipropylene glycol butyl ether CAS# 29911-28-2	< 2.0	NA	NA	NA	NA	NA
Ethylene Glycol CAS # 107-21-1	< 2.0	50 ppm ppm	50	< .10Hg@68F	4700 mg/Kg	NA

SECTION III - PHYSICAL DATA

BOILING RANGE	Of water
VAPOR DENSITY	Of water
EVAPORATION RATE	SLOWER THAN ETHER
VOLATILE VOLUME	76.6%
WEIGHT/GALLON	8.55 LBS/GAL
pH	7.9

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A LEL: - N/A
EXTINGUISHING MEDIA: ( ) FOAM ( ) ALCOHOL FOAM ( ) CO2
(X) DRY CHEMICAL ( ) WATER FOG
UNUSUAL FIRE AND EXPLOSION HAZARDS: None
NOTE: Non-Flammable in liquid state.
EXPLOSION HAZARDS: None
SPECIAL FIREFIGHTING PROCEDURES: Non-flammable in liquid state.

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DOT / IMDG / IATA - Not Regulated any size

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EFFECTS OF OVEREXPOSURE:

SKIN: Prolonged or repeated contact with skin may cause some skin irritation depending on the individual's sensitivity but no serious dermatitis hazard is anticipated.
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PRIMARY ROUTE (S) OF ENTRY: (X) DERMAL (X) INHALATION (X) INGESTION (X) EYE

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STABILITY: ( ) UNSTABLE (X) STABLE
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SECTION X - PREVENTATIVE MEASURES

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OTHER PROTECTIVE EQUIPMENT: None needed.
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OTHER PRECAUTIONS: None

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CAS#	Chemical Name	% by Weight
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Last update NA - New Product