I) Identification

PRODUCT IDENTIFIER Product Name

AutoFlex Gloss (Part A)

OTHER MEANS OF IDENTIFICATION

Product CodeAFX-GLSUN/ID no.UN1263SKU(s)AFX-GLS

RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USERecommended UseNo information available.Uses advised againstNo information available

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

AutoFlex Coatings 2103 Park Central Blvd Pompano Beach, FL 33064 Phone: 605-610-8861

EMERGENCY TELEPHONE NUMBER

Emergency Telephone Chemtrec 1-800-424-9300

2) Hazards Identification

CLASSIFICATION

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) Flammable Liquids - Category 2 H225 Highly flammable liquid and vapour.

Skin sensitization	Category 1
Carcinogenicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2
Flammable liquids	Category 2

Emergency Overview

Danger

Hazard statements

May cause an allergic skin reaction Suspected of causing cancer May cause drowsiness or dizziness May cause damage to organs through prolonged or repeated exposure Highly flammable liquid and vapor



Appearance No information available F

Physical state liquid

Odor No information available

Precautionary Statements - Prevention

Obtain special instructions before use Do not handle until all safety precautions have been read and understood Use personal protective equipment as required Contaminated work clothing should not be allowed out of the workplace Wear protective gloves Use only outdoors or in a well-ventilated area Do not breathe dust/fume/gas/mist/vapors/spray Keep away from heat/sparks/open flames/hot surfaces. - No smoking Keep container tightly closed Ground/bond container and receiving equipment Use only non-sparking tools Take precautionary measures against static discharge Keep cool Use explosion-proof electrical/ ventilating/ lighting/ equipment

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention If skin irritation or rash occurs: Get medical advice/attention Wash contaminated clothing before reuse IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing In case of fire: Use CO2, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store locked up Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal Dispose of contents/container to an approved waste disposal plant

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)

OTHER INFORMATION Unknown acute toxicity

0.42% of the mixture consists of ingredient(s) of unknown toxicity

B) Composition/Information on Ingredients

Chemical Name	CAS No.	Weight-%	Trade Secret
Butyl Acetate	123-86-4	10 - 30	*
Xylene	1330-20-7	5 - 10	*
Acetone	67-64-1	5 - 10	*
Ethyl Benzene	100-41-4	1 - 5	*
Substituted benzotriazole	104810-48-2	0.1 - 1	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

) First Aid Measures

DESCRIPTION OF FIRST AID MEASURES

General advice	Immediate medical attention is required. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin Contact	Wash off immediately with plenty of water. Call a physician immediately.
Inhalation	Move victim to fresh air. If not breathing, give artificial respiration. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately.

IngestionDo NOT induce vomiting. Drink 1 or 2 glasses of water. Never give anything by mouth to an
unconscious person. Get medical attention.Self-protection of the first aiderRemove all sources of ignition.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Symptoms No information available.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Note to physicians Treat symptomatically.

5) Fire-Fighting Measures

SUITABLE EXTINGUISHING MEDIA

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media CAUTION: Use of water spray when fighting fire may be inefficient.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

Extremely flammable.

EXPLOSION DATA

Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge None.

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6) Accidental Release Measures

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Personal precautions	Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required.		
ENVIRONMENTAL PRECAUTIONS			
Environmental precautions	Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. See Section 12 for additional ecological information.		
METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP			
Methods for containment	Prevent further leakage or spillage if safe to do so.		
Methods for cleaning up	Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers. Cover liquid spill with sand, earth or other non-combustible absorbent material. Soak up with inert absorbent material.		

7) Handling and Storage

PRECAUTIONS FOR SAFE HANDLING

Advice on safe handlingEnsure adequate ventilation, especially in confined areas. Keep away from heat, sparks,
flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).
Take precautionary measures against static discharges. Use spark-proof tools and
explosion-proof equipment. All equipment used when handling the product must be
grounded. Avoid contact with skin, eyes or clothing.CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIESStorage ConditionsKeep tightly closed in a dry and cool place. Keep in properly labeled containers. Keep away
from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and
static electricity).

Incompatible materials Strong acids. Strong oxidizing agents. Chlorinated compounds.

8) Exposure Controls/Personal Protection

CONTROL PARAMETERS

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Butyl Acetate	STEL: 200 ppm	TWA: 150 ppm	IDLH: 1700 ppm
123-86-4	TWA: 150 ppm	TWA: 710 mg/m ³	TWA: 150 ppm
		(vacated) TWA: 150 ppm	TWA: 710 mg/m ³
		(vacated) TWA: 710 mg/m ³	STEL: 200 ppm
		(vacated) STEL: 200 ppm	STEL: 950 mg/m ³
		(vacated) STEL: 950 mg/m ³	
Xylene	STEL: 150 ppm	TWA: 100 ppm	-
1330-20-7	TWA: 100 ppm	TWA: 435 mg/m ³	
		(vacated) TWA: 100 ppm	
		(vacated) TWA: 435 mg/m ³	
		(vacated) STEL: 150 ppm	
		(vacated) STEL: 655 mg/m ³	
Acetone	STEL: 500 ppm	TWA: 1000 ppm	IDLH: 2500 ppm
67-64-1	TWA: 250 ppm	TWA: 2400 mg/m ³	TWA: 250 ppm
		(vacated) TWA: 750 ppm	TWA: 590 mg/m ³
		(vacated) TWA: 1800 mg/m ³	
		(vacated) STEL: 2400 mg/m ³ The	
		acetone STEL does not apply to the	
		cellulose acetate fiber industry. It is	
		in effect for all other sectors	
		(vacated) STEL: 1000 ppm	
Ethyl Benzene	TWA: 20 ppm	TWA: 100 ppm	IDLH: 800 ppm
100-41-4		TWA: 435 mg/m ³	TWA: 100 ppm
		(vacated) TWA: 100 ppm	TWA: 435 mg/m ³
		(vacated) TWA: 435 mg/m ³	STEL: 125 ppm
		(vacated) STEL: 125 ppm	STEL: 545 mg/m ³
		(vacated) STEL: 545 mg/m ³	

NIOSH IDLH Immediately Dangerous to Life or Health

Other Information

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

APPROPRIATE ENGINEERING CONTROLS

Engineering Controls

Showers Eyewash stations Ventilation systems.

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT

Eye/face protection	No special technical protective measures are necessary.

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations

When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

9) Physical and Chemical Properties

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Physical state Appearance Color	liquid No information available No information available	Odor Odor threshold	No information available No information available
PROPERTY	VALUES	REMARKS • METHO	D

pН Melting point/freezing point Boiling point / boiling range Flash point **Evaporation rate** Flammability (solid, gas) Flammability Limit in Air Upper flammability limit: Lower flammability limit: Vapor pressure Vapor density **Specific Gravity** Water solubility Solubility in other solvents Partition coefficient Autoignition temperature Decomposition temperature Kinematic viscosity Dynamic viscosity **Explosive properties Oxidizing properties**

OTHER INFORMATION

Softening point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
Density	8.24 lbs/gal
Bulk density	No information available
Percent solids by weight	52.8%
Percent volatile by weight	39.5%
Percent solids by volume	45.9%
Actual VOC (lbs/gal)	3.3
Actual VOC (grams/liter)	390
EPA VOC (lbs/gal)	3.6
EPA VOC (grams/liter)	431.4
EPA VOC (lb/gal solids)	7.1

VALUES No information available No information available >= 56 °C / 133 °F -17 °C / 1 °F No information available No information available

No information available No information available No information available No information available 0.99 No information available No information available

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IO) Stability and Reactivity

REACTIVITY

No data available

CHEMICAL STABILITY

Stable under recommended storage conditions.

POSSIBILITY OF HAZARDOUS REACTIONS

None under normal processing.

CONDITIONS TO AVOID

Heat, flames and sparks.

INCOMPATIBLE MATERIALS

Strong acids. Strong oxidizing agents. Chlorinated compounds.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon oxides.

II) Toxicological Information

Information on likely routes of exposure

Product Information	No data available
Inhalation	No data available.
Eye contact	No data available.
Skin Contact	No data available.
Ingestion	No data available.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Butyl Acetate 123-86-4	= 10768 mg/kg (Rat)	> 17600 mg/kg (Rabbit)	= 390 ppm (Rat)4 h
Xylene 1330-20-7	= 3500 mg/kg (Rat)	> 1700 mg/kg (Rabbit)> 4350 mg/kg (Rabbit)	= 29.08 mg/L (Rat)4 h = 5000 ppm (Rat)4 h
Acetone 67-64-1	= 5800 mg/kg (Rat)	-	= 50100 mg/m³(Rat)8 h
Ethyl Benzene 100-41-4	= 3500 mg/kg (Rat)	= 15400 mg/kg (Rabbit)	= 17.2 mg/L (Rat)4 h

INFORMATION ON TOXICOLOGICAL EFFECTS

Symptoms

No information available.

DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE

Sensitization Germ cell mutagenicity Carcinogenicity No information available. No information available. The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Xylene 1330-20-7	-	Group 3	-	-
Ethyl Benzene 100-41-4	A3	Group 2B	-	Х

 ACGIH (American Conference of Governmental Industrial Hygienists)

 A3 - Animal Carcinogen

 IARC (International Agency for Research on Cancer)

 Group 2B - Possibly Carcinogenic to Humans

 Group 3 - Not classifiable as a human carcinogen

 OSHA (Occupational Safety and Health Administration of the US Department of Labor)

 X - Present

 Reproductive toxicity
 No information available.

 STOT - single exposure
 No information available.

No information available.

STOT - repeated exposure

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Chronic toxicity

Target Organ Effects Aspiration hazard Ethylbenzene has been classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B). Prolonged or repeated overexposure to ethylbenzene may result in adverse effects to the kidneys, liver, respiratory system, thyroid, testicles, and pituitary glands. Central nervous system, Eyes, Respiratory system, Skin. No information available.

NUMERICAL MEASURES OF TOXICITY - PRODUCT INFORMATION

The following values are calculated based on chapter 3.1 of the GHS document mg/kg mg/l

12) Ecological Information

ECOTOXICITY

0.58% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Butyl Acetate 123-86-4	674.7: 72 h Desmodesmus subspicatus mg/L EC50	100: 96 h Lepomis macrochirus mg/L LC50 static 17 - 19: 96 h Pimephales promelas mg/L LC50 flow-through 62: 96 h Leuciscus idus mg/L LC50 static	72.8: 24 h Daphnia magna mg/L EC50
Xylene 1330-20-7	-	13.4: 96 h Pimephales promelas mg/L LC50 flow-through 2.661 - 4.093: 96 h Oncorhynchus mykiss mg/L LC50 static 13.5 - 17.3: 96 h Oncorhynchus mykiss mg/L LC50 13.1 - 16.5: 96 h Lepomis macrochirus mg/L LC50 flow-through 19: 96 h Lepomis mg/L LC50 static 23.53 - 29.97: 96 h Pimephales promelas mg/L LC50 static 780: 96 h Cyprinus carpio mg/L LC50 semi-static 780: 96 h Cyprinus carpio mg/L LC50 30.26 - 40.75: 96 h Poecilia reticulata mg/L LC50 static	3.82: 48 h water flea mg/L EC50 0.6: 48 h Gammarus lacustris mg/L LC50
Acetone 67-64-1	-	4.74 - 6.33: 96 h Oncorhynchus mykiss mL/L LC50 6210 - 8120: 96 h Pimephales promelas mg/L LC50 static 8300: 96 h Lepomis macrochirus mg/L LC50	10294 - 17704: 48 h Daphnia magna mg/L EC50 Static 12600 - 12700: 48 h Daphnia magna mg/L EC50
Ethyl Benzene 100-41-4	4.6: 72 h Pseudokirchneriella subcapitata mg/L EC50 438: 96 h Pseudokirchneriella subcapitata mg/L EC50 2.6 - 11.3: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 1.7 - 7.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static	11.0 - 18.0: 96 h Oncorhynchus mykiss mg/L LC50 static 4.2: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 7.55 - 11: 96 h Pimephales promelas mg/L LC50 flow-through 32: 96 h Lepomis macrochirus mg/L LC50 static 9.1 - 15.6: 96 h Pimephales promelas mg/L LC50 static 9.6: 96 h Poecilia reticulata mg/L LC50 static	1.8 - 2.4: 48 h Daphnia magna mg/L EC50

PERSISTENCE AND DEGRADABILITY

No information available.

BIOACCUMULATION

No information available.

Chemical Name	Partition coefficient
Butyl Acetate 123-86-4	1.81
Xylene 1330-20-7	2.77 - 3.15

Acetone 67-64-1	-0.24
Ethyl Benzene 100-41-4	3.118

OTHER ADVERSE EFFECTS

No information available

13) Disposal Considerations

WASTE TREATMENT METHODS

Disposal of wastes This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

Contaminated packaging Do not reuse container.

US EPA Waste Number D001 U002 U239

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Xylene	-	Included in waste stream:	-	U239
1330-20-7		F039		
Acetone	-	Included in waste stream:	-	U002
67-64-1		F039		
Ethyl Benzene	-	Included in waste stream:	-	-
100-41-4		F039		

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
Butyl Acetate 123-86-4	Тохіс
Xylene 1330-20-7	Toxic Ignitable
Acetone 67-64-1	Ignitable
Ethyl Benzene 100-41-4	Toxic Ignitable

14) Transport Information

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UN/ID no. Proper shipping name Hazard Class	UN1263 Paint Class 3, Flammable Liquid
Packing Group Special Provisions Description Emergency Response Guide Number	II 149, B52, IB2, T4, TP1, TP8, TP28 UN1263, Paint, Class 3, Flammable Liquid, II 128
TDG	
UN/ID no.	UN1263
Proper shipping name	Paint
Hazard Class	3
Packing Group	II
Description	UN1263, Paint, 3, II
МЕХ	
UN/ID no.	UN1263
Proper shipping name	Paint

Hazard Class Packing Group Description	3 II UN1263, Paint, 3, II
ICAO (AIR) UN/ID no. Proper shipping name Hazard Class Packing Group Special Provisions Description	UN1263 Paint 3 II A3, A72 UN1263, Paint, 3, II
IATA UN/ID no. Proper shipping name Hazard Class Packing Group ERG Code Special Provisions Description	UN1263 Paint 3 II 3L A3, A72 UN1263, Paint, 3, II
IMDG UN/ID no. Proper shipping name Hazard Class Packing Group EmS-No. Special Provisions Description	UN1263 Paint 3 II F-E, S-E 163 UN1263, Paint, 3, II
RID UN/ID no. Proper shipping name Hazard Class Packing Group Classification code Description	UN1263 Paint 3 II F1 UN1263, Paint, 3, II
ADR UN/ID no. Proper shipping name Hazard Class Packing Group Classification code Tunnel restriction code Special Provisions Description Labels	UN1263 Paint 3 II F1 (D/E) 163, 640C, 650 UN1263, Paint, 3, II, (D/E) 3
ADN Proper shipping name Hazard Class Packing Group Classification code Special Provisions Description Hazard label(s) Limited quantity (LQ) Ventilation	Paint 3 II F1 163, 640C, 650 UN1263, Paint, 3, II 3 5 L VE01

INTERNATIONAL INVENTORIES

TSCA	Complies
DSL/NDSL	Complies *
EINECS/ELINCS	Does not comply
ENCS	Complies *
IECSC	Complies *
KECL	Complies *
PICCS	Complies *
AICS	Complies *

* This product contains an unknown chemical, therefore, this product's compliance to the inventory list is NOT DETERMINED

LEGEND:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances ENCS - Japan Existing and New Chemical Substances IECSC - China Inventory of Existing Chemical Substances KECL - Korean Existing and Evaluated Chemical Substances PICCS - Philippines Inventory of Chemicals and Chemical Substances AICS - Australian Inventory of Chemical Substances

US FEDERAL REGULATIONS

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	SARA 313 - Threshold Values %	
Xylene - 1330-20-7	1.0	
Ethyl Benzene - 100-41-4	0.1	

SARA 311/312 HAZARD CATEGORIES

Acute health hazard	Yes
Chronic Health Hazard	Yes
Fire hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (CLEAN WATER ACT)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Butyl Acetate 123-86-4	5000 lb	-	-	Х
Xylene 1330-20-7	100 lb	-	-	Х
Ethyl Benzene 100-41-4	1000 lb	Х	Х	Х

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Butyl Acetate	5000 lb	-	RQ 5000 lb final RQ
123-86-4			RQ 2270 kg final RQ
Xylene	100 lb	-	RQ 100 lb final RQ
1330-20-7			RQ 45.4 kg final RQ
Acetone	5000 lb	-	RQ 5000 lb final RQ
67-64-1			RQ 2270 kg final RQ
Ethyl Benzene	1000 lb	-	RQ 1000 lb final RQ
100-41-4			RQ 454 kg final RQ

US STATE REGULATIONS

CALIFORNIA PROPOSITION 65

This product contains the following Proposition 65 chemicals

Chemical Name	California Proposition 65	
Ethyl Benzene - 100-41-4	Carcinogen	

U.S. STATE RIGHT-TO-KNOW REGULATIONS

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Butyl Acetate 123-86-4	Х	Х	Х
Xylene 1330-20-7	Х	Х	Х
Acetone 67-64-1	Х	Х	Х
Ethyl Benzene 100-41-4	Х	Х	Х
Ethylene Glycol Phenyl Ether 122-99-6	X	-	Х

U.S. EPA LABEL INFORMATION

EPA Pesticide Registration Number Not applicable

HAZARDOUS AIR POLLUTANTS (HAPS) CONTENT

LIST OF HAZARDOUS AIR POLLUTANTS SUBJECT TO THE PROVISIONS OF THE CLEAN AIR ACT, TITLE I SECTION 112 'National Emission Standards for Hazardous Air Pollutants':

Chemical Name	Weight % of HAPS in Product	Pounds HAPS / Gal Product
Xylene 1330-20-7	9.05%	0.75
Ethyl Benzene 100-41-4	2.29%	0.19

16) Other Information, Including Date of Preparation of the Last Revision

NFPA	Health hazards 2	Flammability 3	Instability 0	Physical and Chemical Properties -
HMIS	Health hazards 2 *	Flammability 3	Physical hazards 0	Personal protection X
Chronic Hazard Star Le	egend * = Chron	ic Health Hazard		
Revision Date Revision Note No information available	18-May-2	015		

DISCLAIMER

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Shipping information may vary based upon container size and shipping destination. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage, or release to the environment. The manufacturer assumes no responsibility for injury to the recipient or third persons, or for any damages to any property resulting from misuse of the product.