



SDS: 0056033
Date Prepared: 02/05/2017

SAFETY DATA SHEET

1. IDENTIFICATION

Product Name: DAPCO™ 3008N Low Density Epoxy , Part "A"
Product Description: Modified epoxy resin
Synonyms: None
Chemical Family: Modified epoxy resin
Molecular Formula: Mixture
Molecular Weight: Mixture
Intended/Recommended Use: Engineered materials

CYTEC INDUSTRIES INC., 504 CARNEGIE CENTER, PRINCETON, NEW JERSEY 08540, USA
For Product and all Non-Emergency Information call 1-800/652-6013. Outside the USA and Canada call 1-973/357-3193.

EMERGENCY PHONE (24 hours/day) - For emergency only involving spill, leak, fire, exposure or accident call:

Asia Pacific:

Australia - +61 2 8014 4558 (Carechem24)
China (PRC) - +86 0532 83889090 (NRCC) +86 512 8090 3042 (Carechem24)
New Guinea - +61 2 8014 4558 (Carechem24)
New Zealand - +64 9 929 1483 (Carechem24)
India, Japan, Korea, Malaysia, Thailand - +65 3158 1074 (Carechem24 Singapore)
India (Hindi Speaking Only) - +65 3158 1198 or 000800 100 7479 (Carechem24 Singapore)

Canada: 800 424 9300 (Within US,Canada) +1 (703) 527-3887 (International) (CHEMTREC)

Europe/Africa/Middle East (Carechem24 UK):

Europe, Middle East, Africa, Israel - +44 1235 239 670
(Arabic speaking countries) - +44 1235 239 671

Latin America:

Brazil - +55 11 3197 5891 (Carechem24)
Chile - +56 2 2582 9336 (Carechem24)
All Others - +44 1235 239 670 (Carechem24 UK)

USA: 800 424 9300 (Within US,Canada) +1 (703) 527-3887 (International) (CHEMTREC)

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2. HAZARDS IDENTIFICATION

GHS Classification

Germ Cell Mutagenicity Hazard Category 2
Serious Eye Damage / Eye Irritation Hazard Category 2A
Skin Corrosion / Irritation Hazard Category 2
Skin Sensitizer Hazard Category 1B
Aquatic Environment Acute Hazard Category 2
Aquatic Environment Chronic Hazard Category 2

LABEL ELEMENTS



Signal Word

Warning

Hazard Statements

- Suspected of causing genetic defects
- Causes skin irritation
- Causes serious eye irritation
- May cause an allergic skin reaction
- Toxic to aquatic life with long lasting effects

Precautionary Statements

- Obtain special instructions before use.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Wash face, hands and any exposed skin thoroughly after handling.
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Contaminated work clothing should not be allowed out of the workplace.
- Avoid release to the environment.
- IF exposed or concerned: Get medical advice/attention.
- IF ON SKIN: Wash with plenty of soap and water.
- Specific treatment (see supplemental first aid instructions on this label).
- Take off all contaminated clothing and wash it before reuse.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If eye irritation persists: Get medical advice/attention.
- If skin irritation or rash occurs: Get medical advice/attention.
- Store locked up.
- Dispose of contents/container in accordance with local and national regulations.

Hazards Not Otherwise Classified (HNOC), Other Hazards

Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance, Mixture or Article? Mixture

HAZARDOUS INGREDIENTS

Component / CAS No.	%	GHS Classification	Carcinogen
Poly(aromatic glycidyl ether) #4	30-60	Skin Irrit. 2 (H315) Eye Irrit. 2A (H319) Skin Sens. 1B (H317) Aquatic Acute 2 (H401) Aquatic Chronic 2 (H411)	-
glass, oxide, chemicals 65997-17-3	27 - 29	Not Classified	-

Component / CAS No.	%	GHS Classification	Carcinogen
o-Cresol glycidyl ether 2210-79-9	7 - 13	Muta. 2 (H341) Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Aquatic Acute 2 (H401) Aquatic Chronic 2 (H411)	-
Antimony pentoxide 1314-60-9	1 - 2	Not classified	-

The specific chemical identity and/or exact percentage of composition for one or more ingredients has been withheld as a trade secret.

Additional GHS classification or other information may be included in this section but has not been adopted by OSHA. See Section 16 for full text of H phrases.

4. FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

Eye Contact:

Rinse immediately with plenty of water for at least 15 minutes. Obtain medical advice if there are persistent symptoms.

Skin Contact:

Wash immediately with plenty of water and soap. Remove contaminated clothing and shoes without delay. Obtain medical attention. Do not reuse contaminated clothing without laundering. Destroy or thoroughly clean shoes before reuse.

Ingestion:

If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

Inhalation:

Remove to fresh air. If breathing is difficult, give oxygen. Obtain medical advice if there are persistent symptoms.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

None known

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDS

Not applicable

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Use water spray or fog, carbon dioxide or dry chemical.

Extinguishing Media to Avoid:

full water jet

Protective Equipment:

Firefighters, and others exposed, wear self-contained breathing apparatus. Wear full firefighting protective clothing. See MSDS Section 8 (Exposure Controls/Personal Protection).

Special Hazards:

None known

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Where exposure level is not known, wear approved, positive pressure, self-contained respirator. Where exposure level is known, wear approved respirator suitable for level of exposure. Refer to Section 8 (Exposure Controls/Personal Protection) for appropriate personal protective equipment.

Methods For Cleaning Up:

Sweep up into containers for disposal. Flush spill area with water.

References to other sections:

See Sections 8 and 13 for additional information.

7. HANDLING AND STORAGE

HANDLING

Precautions: Avoid release to the environment. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/clothing and eye/face protection.

Special Handling Statements: Provide good ventilation of working area (local exhaust ventilation if necessary).

STORAGE

Store in accordance with local, state, and federal regulations.

Storage Temperature: Room temperature

Reason: Quality.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures:

Where this material is not used in a closed system, good enclosure and local exhaust ventilation should be provided to control exposure when spraying or curing at elevated temperatures.

Respiratory Protection:

Where exposures are below the established exposure limit, no respiratory protection is required. Where exposures exceed the established exposure limit, use respiratory protection recommended for the material and level of exposure. A full facepiece respirator also provides eye and face protection. Cutting, grinding or sanding of parts fabricated after curing may create respirable dust particles. Respiratory protection appropriate for this dust may be required. Refer to components listed above for potential hazardous components in the dust.

Eye Protection:

Wear eye/face protection such as chemical splash proof goggles or face shield. Eyewash equipment and safety shower should be provided in areas of potential exposure.

Skin Protection:

Avoid skin contact. Wear impermeable gloves and suitable protective clothing. Barrier creams may be used in conjunction with the gloves to provide additional skin protection.

Hand Protection:

Wear impermeable gloves. Consider the porosity and elasticity data of the glove manufacturer and the specific conditions in the work place. Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

Additional Advice:

Food, beverages, and tobacco products should not be carried, stored, or consumed where this material is in use. Before eating, drinking, or smoking, wash face and hands thoroughly with soap and water. It is recommended that a shower be taken after completion of workshift especially if significant contact has occurred. Work clothing should then be laundered prior to reuse. Street clothing should be stored separately from work clothing and protective equipment. Work clothing and shoes should not be taken home.

Exposure Limit(s)

The below constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

1314-60-9 Antimony pentoxide

OSHA (PEL):	0.5 mg/m ³ (TWA)(as Antimony compounds)
ACGIH (TLV):	0.5 mg/m ³ Sb (TWA)(as Antimony compounds)
Other Value:	Not established

65997-17-3 glass, oxide, chemicals

OSHA (PEL):	Not established
ACGIH (TLV):	1 f/cc respirable fibers (TWA) 5 mg/m ³ inhalable fraction (TWA)
Other Value:	Not established

9. PHYSICAL AND CHEMICAL PROPERTIES

Color:	off white
Appearance:	solid
Odor:	epoxy
Boiling Point:	Not available
Melting Point:	Not available
Vapor Pressure:	Not applicable
Specific Gravity/Density:	0.5
Vapor Density:	Not applicable
Percent Volatile (% by wt.):	Not available
pH:	Not available
Saturation In Air (% By Vol.):	Not applicable
Evaporation Rate:	Not applicable
Solubility In Water:	Not available
Volatile Organic Content:	Not available
Flash Point:	Not applicable
Flammability (solid, gas):	Not available
Flammable Limits (% By Vol):	Not available
Autoignition (Self) Temperature:	Not applicable
Decomposition Temperature:	Not available
Partition coefficient (n-octanol/water):	Not available
Odor Threshold:	Not available
Viscosity (Kinematic):	Not applicable

DUST HAZARD INFORMATION

Particle Size (microns):	Not available
Kst (bar-m/sec):	Not available
Maximum Explosion Pressure (Pmax):	Not available
Dust Class:	Not available
Minimum Ignition Energy (MIE) (mJ):	Not available
Minimum Ignition Temperature (MIT) (°C):	Not available

Minimum Explosive Concentration (MEC) (g/m³): Not available
Limiting Oxygen Concentration (LOC) (%): Not available

10. STABILITY AND REACTIVITY

Reactivity: No information available

Stability: Stable

Conditions To Avoid: None known

Polymerization: Will not occur

Conditions To Avoid: None known

Materials To Avoid: Acids
Bases
Oxidizing materials

Hazardous Decomposition Products: aldehydes
Ammonia (NH₃)
hydrogen bromide (HBr)
hydrogen cyanide (HCN)
oxides of carbon
Oxides of nitrogen
phosphoric acid
When heated to decomposition, it emits toxic fumes.
organic compounds

11. TOXICOLOGICAL INFORMATION

PRODUCT TOXICITY INFORMATION

Likely Routes of Exposure: Oral, Eyes, Skin.

ACUTE TOXICITY DATA

oral	rat	Acute LD50	>2000 mg/kg
dermal	rabbit	Acute LD50	>2000 mg/kg
inhalation	rat	Acute LC50 4 hr	>5 mg/l (Dust/Mist)

LOCAL EFFECTS ON SKIN AND EYE

Acute Irritation	skin	Irritating
Acute Irritation	eye	Irritating

ALLERGIC SENSITIZATION

Sensitization	skin	Sensitizing
Sensitization	respiratory	No data

GENOTOXICITY

Assays for Gene Mutations

Ames Salmonella Assay	No data
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OTHER INFORMATION

The product toxicity information above has been estimated.

HAZARDOUS INGREDIENT TOXICITY DATA

Poly(aromatic glycidyl ether) # 2 has oral (rat) LD50 and dermal (rabbit) LD50 values of >5,000 mg/kg and >6,000 mg/kg, respectively. This material produced moderate eye and skin irritation in animal tests. It is a moderate skin sensitizer. No adverse effects were observed on embryonic or fetal development in animal teratology studies. A variety of mutagenicity tests produced mixed results. Two-year chronic studies (dermal and skin painting) in mice showed no increase in tumor incidence in two mouse strains. However, a third mouse strain showed a slight increase in tumors at a high dose. IARC concluded that this material is not classified as a carcinogen. Chronic ingestion caused reduced weight gain and death in laboratory animals. The oral (rat) LD50 and dermal (rabbit) LD50 values have also been reported to be 11.4 gm/kg and >20 ml/kg, respectively. The literature reports three cases of asthmatic symptoms developing in workers due to occupational exposure.

Glass oxide is considered a nuisance particulate which will not cause adverse health effects other than respiratory congestion or irritation.

o-Cresyl glycidyl ether has an oral LD50 (rat) value of 2500 mg/kg and a dermal LD50 (rabbit) value of 2300 mg/kg. This material is irritating to eyes and skin. Liquid may cause skin sensitization. Inhalation of vapors may cause CNS depression and irritation to the nose, throat and respiratory tract.

Antimony compounds may cause severe skin irritation and cardiovascular, kidney, or liver alteration after chronic overexposure.

California Proposition 65 Warning (applicable in California only) - This product contains (a) chemical(s) known to the State of California to cause cancer and birth defects or other reproductive harm.

12. ECOLOGICAL INFORMATION

TOXICITY, PERSISTENCE AND DEGRADABILITY, BIOACCUMULATIVE POTENTIAL, MOBILITY IN SOIL, OTHER ADVERSE EFFECTS

Overall Environmental Toxicity: Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

The ecological assessment for this material is based on an evaluation of its components.

RESULTS OF PBT AND vPvB ASSESSMENT

Not determined

HAZARDOUS INGREDIENT TOXICITY DATA

Component / CAS No.	Toxicity to Algae	Toxicity to Fish	Toxicity to Water Flea
Poly(aromatic glycidyl ether) #4	Not available	Not available	Not available

Component / CAS No.	Toxicity to Algae	Toxicity to Fish	Toxicity to Water Flea
glass, oxide, chemicals 65997-17-3	Not available	Not available	Not available
o-Cresol glycidyl ether 2210-79-9	Not available	Not available	Not available
Antimony pentoxide 1314-60-9	Not available	Not available	Not available

13. DISPOSAL CONSIDERATIONS

The information on RCRA waste classification and disposal methodology provided below applies only to the product, as supplied. If the material has been altered or contaminated, or it has exceeded its recommended shelf life, the guidance may be inapplicable. Hazardous waste classification under federal regulations (40 CFR Part 261 et seq) is dependent upon whether a material is a RCRA "listed hazardous waste" or has any of the four RCRA "hazardous waste characteristics." Refer to 40 CFR Part 261.33 to determine if a given material to be disposed of is a RCRA "listed hazardous waste"; information contained in Section 15 of this MSDS is not intended to indicate if the product is a "listed hazardous waste." RCRA Hazardous Waste Characteristics: There are four characteristics defined in 40 CFR Section 261.21-61.24: Ignitability, Corrosivity, Reactivity, and Toxicity. To determine Ignitability, see Section 9 of this MSDS (flash point). For Corrosivity, see Sections 9 and 14 (pH and DOT corrosivity). For Reactivity, see Section 10 (incompatible materials). For Toxicity, see Section 3 (composition). Federal regulations are subject to change. State and local requirements, which may differ from or be more stringent than the federal regulations, may also apply to the classification of the material if it is to be disposed. The Company encourages the recycle, recovery and reuse of materials, where permitted, as an alternate to disposal as a waste. The Company recommends that organic materials classified as RCRA hazardous wastes be disposed of by thermal treatment or incineration at EPA approved facilities. The Company has provided the foregoing for information only; the person generating the waste is responsible for determining the waste classification and disposal method.

14. TRANSPORT INFORMATION

This section provides basic shipping classification information. Refer to appropriate transportation regulations for specific requirements.

US DOT

Dangerous Goods? X

Proper Shipping Name: Environmentally hazardous substance, solid, n.o.s.

Hazard Class: 9

Packing Group: III

UN/ID Number: UN3077

Transport Label Required: Miscellaneous
Marine Pollutant

Marine Pollutant

Technical Name (N.O.S.): poly(aromatic glycidyl ether), glycidyl ether

Comments: Marine Pollutants - DOT requirements specific to Marine Pollutants do not apply to non-bulk packagings transported by motor vehicles, rail cars or aircraft.

TRANSPORT CANADA

Dangerous Goods? X

Proper Shipping Name: Environmentally hazardous substance, solid, n.o.s.

Hazard Class: 9

Packing Group: III

UN Number: UN3077

Transport Label Required: Miscellaneous
Marine Pollutant
Marine Pollutant
Technical Name (N.O.S.): poly(aromatic glycidyl ether), glycidyl ether

ICAO / IATA

Dangerous Goods? X

Proper Shipping Name: Environmentally hazardous substance, solid, n.o.s.

Hazard Class: 9

Packing Group: III

UN Number: UN3077

Transport Label Required: Miscellaneous
Marine Pollutant

Technical Name (N.O.S.): poly(aromatic glycidyl ether), glycidyl ether

Comments: Marine Pollutants-IATA Special Provision A197 when transported in single or combination packagings containing a net quantity per single or inner packaging of 5L or less for liquids or 5 kg for solids, are not subject to any provisions of these regulations. Note if the material also meets the criteria under additional hazard classes then all requirements continue to apply for those hazards.

IMO

Dangerous Goods? X

Proper Shipping Name: Environmentally hazardous substance, solid, n.o.s.

Hazard Class: 9

UN Number: UN3077

Packing Group: III

Transport Label Required: Miscellaneous
Marine Pollutant

Marine Pollutant

Technical Name (N.O.S.): poly(aromatic glycidyl ether), glycidyl ether

Comments: Marine Pollutants -IMDG 2.10.2.7 when packaged in single or combination packagings, containing a net quantity per single or inner packaging of 5L or less for liquids or 5 kg for solids are not subject to any other provisions of this code. Note if the material also meets the criteria under additional hazard classes then all requirements continue to apply for those hazards.

15. REGULATORY INFORMATION

Inventory Information

United States (USA): All components of this product are included on the TSCA Chemical Inventory or are not required to be listed on the TSCA Chemical Inventory.

Canada: All components of this product are included on the Domestic Substances List (DSL) or are not required to be listed on the DSL.

Australia: All components of this product are included in the Australian Inventory of Chemical Substances (AICS) or are not required to be listed on AICS.

China: All components of this product are included on the Chinese inventory or are not required to be listed on the Chinese inventory.

Japan: One or more components of this product are NOT included on the Japanese (ENCS) inventory.

Korea: All components of this product are included on the Korean (ECL) inventory or are not required to be listed on the Korean inventory.

Philippines: All components of this product are included on the Philippine (PICCS) inventory or are not required to be listed on the Philippine inventory.

Taiwan: All components of this product are included on the Taiwan Chemical Substance Inventory (TCSI) or are not required to be listed on the Taiwan inventory.

OTHER ENVIRONMENTAL INFORMATION

The following components of this product may be subject to reporting requirements pursuant to Section 313 of CERCLA (40 CFR 372), Section 12(b) of TSCA, or may be subject to release reporting requirements (40 CFR 307, 40 CFR 311, etc.) See Section 13 for information on waste classification and waste disposal of this product.

Component / CAS No.	%	TPQ (lbs)	RQ(lbs)	S313	TSCA 12B
Antimony pentoxide 1314-60-9	1 - 2	None		Yes	No

PRODUCT HAZARD CLASSIFICATION UNDER SECTION 311 OF SARA

- Acute
- Chronic

16. OTHER INFORMATION

NFPA Hazard Rating (National Fire Protection Association)

Health: 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.

Fire: 1 - Materials that must be preheated before ignition can occur.

Instability: 0 - Materials that in themselves are normally stable, even under fire exposure conditions.

Reasons For Issue: Revised Section 1

Date Prepared: 02/05/2017

Date of last significant revision: 02/01/2017

Component Hazard Phrases

Poly(aromatic glycidyl ether) #4

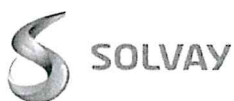
- H315 - Causes skin irritation.
- H317 - May cause an allergic skin reaction.
- H319 - Causes serious eye irritation.
- H411 - Toxic to aquatic life with long lasting effects.

o-Cresol glycidyl ether

- H315 - Causes skin irritation.
- H317 - May cause an allergic skin reaction.
- H341 - Suspected of causing genetic defects.
- H411 - Toxic to aquatic life with long lasting effects.

Prepared By: Legal & Compliance Services; E-mail: custinfo@solvay.com

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SDS: 0056011
Date Prepared: 02/05/2017

SAFETY DATA SHEET

1. IDENTIFICATION

Product Name: DAPCO™ 3008N Low Density Epoxy , Part "B"
Product Description: Modified aliphatic amine
Synonyms: None
Chemical Family: Modified aliphatic amine
Molecular Formula: Mixture
Molecular Weight: Mixture
Intended/Recommended Use: Engineered materials

CYTEC INDUSTRIES INC., 504 CARNEGIE CENTER, PRINCETON, NEW JERSEY 08540, USA
For Product and all Non-Emergency Information call 1-800/652-6013. Outside the USA and Canada call 1-973/357-3193.

EMERGENCY PHONE (24 hours/day) - For emergency only involving spill, leak, fire, exposure or accident call:

Asia Pacific:

Australia - +61 2 8014 4558 (Carechem24)
China (PRC) - +86 0532 83889090 (NRCC) +86 512 8090 3042 (Carechem24)
New Guinea - +61 2 8014 4558 (Carechem24)
New Zealand - +64 9 929 1483 (Carechem24)
India, Japan, Korea, Malaysia, Thailand - +65 3158 1074 (Carechem24 Singapore)
India (Hindi Speaking Only) - +65 3158 1198 or 000800 100 7479 (Carechem24 Singapore)

Canada: 800 424 9300 (Within US,Canada) +1 (703) 527-3887 (International) (CHEMTREC)

Europe/Africa/Middle East (Carechem24 UK):

Europe, Middle East, Africa, Israel - +44 1235 239 670
(Arabic speaking countries) - +44 1235 239 671

Latin America:

Brazil - +55 11 3197 5891 (Carechem24)
Chile - +56 2 2582 9336 (Carechem24)
All Others - +44 1235 239 670 (Carechem24 UK)

USA: 800 424 9300 (Within US,Canada) +1 (703) 527-3887 (International) (CHEMTREC)

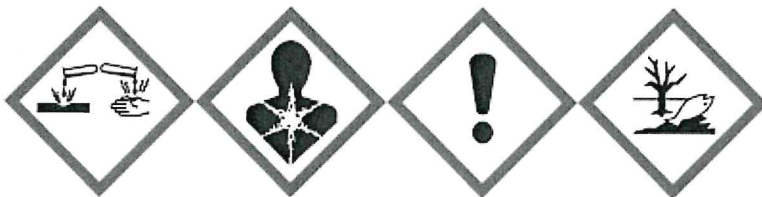
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2. HAZARDS IDENTIFICATION

GHS Classification

Reproductive Toxicant Category 2
Acute Toxicity (Inhalation) Hazard Category 4
Skin Corrosion / Irritation Hazard Category 1B
Serious Eye Damage / Eye Irritation Hazard Category 1
Skin Sensitizer Hazard Category 1A
Aquatic Environment Acute Hazard Category 2
Aquatic Environment Chronic Hazard Category 2

LABEL ELEMENTS

**Signal Word**

Danger

Hazard Statements

Suspected of damaging fertility or the unborn child
 Harmful if inhaled
 Causes severe skin burns and eye damage
 May cause an allergic skin reaction
 Toxic to aquatic life with long lasting effects

Precautionary Statements

Obtain special instructions before use.
 Wear protective gloves/protective clothing/eye protection/face protection.
 Use only outdoors or in a well-ventilated area.
 Do not breathe dust/fume/gas/mist/vapours/spray.
 Wash face, hands and any exposed skin thoroughly after handling.
 Contaminated work clothing should not be allowed out of the workplace.
 Avoid release to the environment.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 Wash contaminated clothing before reuse.
 Immediately call a POISON CENTER or doctor/physician.
 Specific treatment (see supplemental first aid instructions on this label).
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 Store locked up.
 Dispose of contents/container in accordance with local and national regulations.

Hazards Not Otherwise Classified (HNOC), Other Hazards

Polymerization may occur from excessive heat, contamination or exposure to direct sunlight.
 Use mechanical exhaust ventilation when heat-curing material.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance, Mixture or Article? Mixture

HAZARDOUS INGREDIENTS

Component / CAS No.	%	GHS Classification	Carcinogen
Fatty Acid Compound	30-60	Eye Dam. 1 (H318) Aquatic Acute 2 (H401) Aquatic Chronic 2 (H411)	-
Polyamide	10-30	Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1A (H317) Aquatic Acute 2 (H401) Aquatic Chronic 2 (H411)	-

Component / CAS No.	%	GHS Classification	Carcinogen
Polyethylene polyamine	10-30	Acute Tox. 4 (H302) Acute Tox. 4 (H312) Skin Corr. 1B (H314) Eye Dam. 1 (H318) Skin Sens. 1B (H317) Aquatic Acute 2 (H401) Aquatic Chronic 2 (H411)	-
Triethylenetetramine 112-24-3	1-5	Acute Tox. 4 (H312) Acute Tox. 4 (H302) Skin Corr. 1B (H314) Eye Dam. 1 (H318) Skin Sens. 1B (H317) Aquatic Acute 3 (H402) Aquatic Chronic 3 (H412)	-
4,4'-isopropylidenediphenol 80-05-7	1-5	Repr. 2 (H361f) STOT SE 3 (H335) Eye Dam. 1 (H318) Skin Sens. 1B (H317) Aquatic Acute 2 (H401) Aquatic Chronic 2 (H411)	-
glass, oxide, chemicals 65997-17-3	5-10	Not Classified	-
Diethylenetriamine 111-40-0	5-10	Acute Tox. 4 (H302) Acute Tox. 4 (H312) Acute Tox. 2 (H330) STOT Single 3 (H335) Skin Corr. 1B (H314) Eye Dam. 1 (H318) Skin Sens. 1B (H317)	-
Silicon dioxide, amorphous 112945-52-5	1-3	Not Classified	-

The specific chemical identity and/or exact percentage of composition for one or more ingredients has been withheld as a trade secret.

Additional GHS classification or other information may be included in this section but has not been adopted by OSHA. See Section 16 for full text of H phrases.

4. FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

Eye Contact:

Rinse immediately with plenty of water for at least 15 minutes. Obtain medical attention immediately.

Skin Contact:

Remove contaminated clothing and shoes without delay. Wear impermeable gloves. Wash immediately with plenty of water. Pay particular attention to skin crevices, nail folds, etc. Do not reuse contaminated clothing without laundering. Do not reuse contaminated leatherware. Obtain medical attention.

Ingestion:

If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

Inhalation:

Remove to fresh air. If breathing is difficult, give oxygen. Obtain medical advice if there are persistent symptoms.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

None known

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDS

Not applicable

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Use water spray or fog, carbon dioxide or dry chemical.

Extinguishing Media to Avoid:

full water jet

Protective Equipment:

Firefighters, and others exposed, wear self-contained breathing apparatus. Wear full firefighting protective clothing. See MSDS Section 8 (Exposure Controls/Personal Protection).

Special Hazards:

Keep containers cool by spraying with water if exposed to fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Where exposure level is not known, wear approved, positive pressure, self-contained respirator. Where exposure level is known, wear approved respirator suitable for level of exposure. In addition to the protective clothing/equipment in Section 8 (Exposure Controls/Personal Protection), wear impermeable boots.

Methods For Cleaning Up:

Cover spills with some inert absorbent material; sweep up and place in a waste disposal container. Flush spill area with water.

References to other sections:

See Sections 8 and 13 for additional information.

7. HANDLING AND STORAGE

HANDLING

Precautions: Avoid release to the environment. Use only outdoors or in a well-ventilated area. Wash hands thoroughly after handling. Wear protective gloves/clothing and eye/face protection. Contaminated work clothing should not be allowed out of the workplace. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe vapors or spray mist.

Special Handling Statements: Provide good ventilation of working area (local exhaust ventilation if necessary).

STORAGE

Store in accordance with local, state, and federal regulations.

Storage Temperature: Room temperature

Reason: Quality.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures:

Utilize a closed system process where feasible. Where this material is not used in a closed system, good enclosure and local exhaust ventilation should be provided to control exposure when spraying or curing at elevated temperatures.

Respiratory Protection:

Where exposures are below the established exposure limit, no respiratory protection is required. Where exposures exceed the established exposure limit, use respiratory protection recommended for the material and level of exposure. A full facepiece respirator also provides eye and face protection. Cutting, grinding or sanding of parts fabricated after curing may create respirable dust particles. Respiratory protection appropriate for this dust may be required. Refer to components listed above for potential hazardous components in the dust.

Eye Protection:

Prevent eye and skin contact. Provide eye wash fountain and safety shower in close proximity to points of potential exposure. Wear eye/face protection such as chemical splash proof goggles or face shield.

Skin Protection:

Prevent contamination of skin or clothing when removing protective equipment. Barrier creams may be used in conjunction with the gloves to provide additional skin protection. Wear impermeable gloves and suitable protective clothing. Since this product is absorbed through the skin, care must be taken to prevent skin contact and contamination of clothing.

Hand Protection:

Nitrile rubber gloves. Consider the porosity and elasticity data of the glove manufacturer and the specific conditions in the work place. Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

Additional Advice:

Food, beverages, and tobacco products should not be carried, stored, or consumed where this material is in use. Before eating, drinking, or smoking, wash face and hands thoroughly with soap and water. It is recommended that a shower be taken after completion of workshift especially if significant contact has occurred. Work clothing should then be laundered prior to reuse. Street clothing should be stored separately from work clothing and protective equipment. Work clothing and shoes should not be taken home.

Exposure Limit(s)

The below constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

111-40-0 Diethylenetriamine

OSHA (PEL):	Not established
ACGIH (TLV):	(skin) 1 ppm (TWA)
Other Value:	Not established

112945-52-5 Silicon dioxide, amorphous

OSHA (PEL):	20 mppcf
ACGIH (TLV):	Not established
Other Value:	Not established

65997-17-3 glass, oxide, chemicals

OSHA (PEL):	Not established
ACGIH (TLV):	1 f/cc respirable fibers (TWA) 5 mg/m ³ inhalable fraction (TWA)
Other Value:	Not established

9. PHYSICAL AND CHEMICAL PROPERTIES

Color:	yellow
Appearance:	paste
Odor:	amine
Boiling Point:	Not applicable
Melting Point:	Not applicable
Vapor Pressure:	Not applicable
Specific Gravity/Density:	0.5
Vapor Density:	Not applicable
Percent Volatile (% by wt.):	Not available
pH:	Not available
Saturation In Air (% By Vol.):	Not applicable
Evaporation Rate:	Not applicable
Solubility In Water:	Not available
Volatile Organic Content:	Not available
Flash Point:	>93.3 °C 200 °F
Flammability (solid, gas):	Not available
Flammable Limits (% By Vol):	Not applicable
Autoignition (Self) Temperature:	Not applicable
Decomposition Temperature:	Not applicable
Partition coefficient (n-octanol/water):	Not applicable
Odor Threshold:	Not available
Viscosity (Kinematic):	Not available

DUST HAZARD INFORMATION

Particle Size (microns):	Not applicable
Kst (bar-m/sec):	Not applicable
Maximum Explosion Pressure (Pmax):	Not applicable
Dust Class:	Not applicable
Minimum Ignition Energy (MIE) (mJ):	Not applicable
Minimum Ignition Temperature (MIT) (°C):	Not applicable
Minimum Explosive Concentration (MEC) (g/m ³):	Not applicable
Limiting Oxygen Concentration (LOC) (%):	Not applicable

10. STABILITY AND REACTIVITY

Reactivity:	No information available
Stability:	Stable
Conditions To Avoid:	None known
Polymerization:	May occur
Conditions To Avoid:	None known
Materials To Avoid:	Oxidizing agents Acids Bases
Hazardous Decomposition Products:	aldehydes oxides of carbon Oxides of nitrogen

11. TOXICOLOGICAL INFORMATION

PRODUCT TOXICITY INFORMATION

Likely Routes of Exposure: Oral, Eyes, Skin.

ACUTE TOXICITY DATA

oral	rat	Acute LD50	>2000 mg/kg
dermal	rabbit	Acute LD50	>2000 mg/kg
inhalation	rat	Acute LC50 4 hr	~1.3 mg/l (Dust/Mist)

LOCAL EFFECTS ON SKIN AND EYE

Acute Irritation	skin	Corrosive
Acute Irritation	eye	Causes serious damage

ALLERGIC SENSITIZATION

Sensitization	skin	Sensitizing
Sensitization	respiratory	No data

GENOTOXICITY

Assays for Gene Mutations

Ames Salmonella Assay No data

OTHER INFORMATION

The product toxicity information above has been estimated.

HAZARDOUS INGREDIENT TOXICITY DATA

The toxicological properties of fatty acid compound have not been fully investigated. This material is expected to cause severe eye irritation.

Polyamide has acute oral (rat-female) and acute dermal (rat) LD50 values of >2000 g/kg and >2000 mg/kg, respectively. Direct contact with this material may produce moderate skin irritation and severe eye irritation. This material produced dermal sensitization when tested in the Local Lymph Node Assay. This substance is not mutagenic in the Ames Assay. Based on testing conducted a structurally similar substance (analog) this material is not expected to be mutagenic in the in vitro Mouse Lymphoma Assay and not clastogenic in the in vitro Chromosomal Aberrations Assay

Polyethylene polyamine has an estimated acute oral (rat) and dermal (rabbit) LD50 values of >3,500 mg/kg and > 600 mg/kg, respectively. Direct contact with this material may cause severe eye and skin irritation. Repeated skin contact can cause allergic dermatitis. Inhalation overexposure can cause irritation of the upper respiratory tract, nausea, and asthmatic type responses. Literature reports that this material has shown positive in vitro results in mutagenicity tests with and without metabolic activation.

Triethylenetetramine (TETA) has acute oral (rat) and acute dermal (rabbit) LD50 values of 1716 mg/kg and 1465 mg/kg, respectively. Direct contact with TETA can produce severe skin irritation with necrosis and moderate to severe eye irritation. Skin contact may cause an allergic skin reaction. Inhalation of TETA may cause respiratory tract irritation/burns and potential respiratory sensitization in sensitive individuals. TETA was mutagenic in the Ames test and produced genetic damage in an E. coli differential repair assay but did not induce chromosomal aberrations in the in vivo mouse micronucleus assay. TETA did not exhibit carcinogenic potential in a lifetime mouse skin painting study.

4,4'-isopropylidenediphenol has acute oral (rat) and acute dermal (rabbit) LD50 values of >2000 and >2000 mg/kg, respectively. The acute inhalation (aerosol) LC50 (rat/6 hour) value is >170 mg/m³. Inhalation exposure to airborne dust may cause respiratory irritation. Direct contact with this substance is not expected to produce skin irritation, but may cause severe eye irritation. Prolonged or repeated contact with bisphenol A may cause allergic skin reaction. Animals that were repeatedly fed high doses of BPA exhibited effects on the liver and kidney. Based on a battery of in vitro and in vivo studies this substance is not expected to be mutagenic, genotoxic or clastogenic. The weight of the evidence from animal studies shows that BPA does not have the potential to be a carcinogen. This substance has not been shown to cause adverse effects on reproduction or the development of offspring in animal studies unless the doses were high enough to be toxic to the mother.

Glass oxide is considered a nuisance particulate which will not cause adverse health effects other than respiratory congestion or irritation.

Diethylenetriamine has acute oral (rat) LD50 values of 1620 mg/kg. Diethylenetriamine has acute dermal (rabbit) LD50 values of 1090 mg/kg. The LC50 value (rat, aerosol, 4 hr) is 0.07 - 0.3 mg/l. No mortality was seen in rats exposed to 300 ppm for 8-hours. This substance may cause respiratory tract irritation. Repeated inhalation exposures can cause asthmatic type responses. Direct contact with Diethylenetriamine may cause severe irritation and/or irreversible damage (burns) to the eyes and skin. Repeated or prolonged dermal contact may cause allergic skin reactions. In the majority of studies performed with microorganisms and in mammalian cell culture, a mutagenic effect was not found. A mutagenic effect was also not observed in in vivo tests. The substance showed no carcinogenic activity in animals after chronic administration to the skin. Under certain conditions the substance can form nitrosamines. Nitrosamines are carcinogenic in animal studies.

Silicon Dioxide has acute oral (rat) LD50 values ranging from 3160 mg/kg to >7500 mg/kg. The LC50 (rat) following a 4-hour inhalation study is >0.25 mg/L (maximum attainable concentration). Chronic and sub-chronic inhalation tests with laboratory animals produced lung damage and death after the lung clearance mechanisms were overloaded. Amorphous silica does not cause the lung diseases crystalline silica is known to cause.

California Proposition 65 Warning (applicable in California only) - This product contains (a) chemical(s) known to the State of California to cause birth defects or other reproductive harm.

12. ECOLOGICAL INFORMATION

TOXICITY, PERSISTENCE AND DEGRADABILITY, BIOACCUMULATIVE POTENTIAL, MOBILITY IN SOIL, OTHER ADVERSE EFFECTS

The ecological assessment for this material is based on an evaluation of its components.

RESULTS OF PBT AND vPvB ASSESSMENT

Not determined

HAZARDOUS INGREDIENT TOXICITY DATA

Component / CAS No.	Toxicity to Algae	Toxicity to Fish	Toxicity to Water Flea
Fatty Acid Compound	Not available	Not available	Not available
Polyamide	ErC50 = 4.11 mg/L - Green Algae (72h)	LC50 = 1-10 mg/L - Zebrafish (96h)	EC50 = 1-10 mg/L - Daphnia Magna (48h)
Polyethylene polyamine	Not available	Not available	Not available
Triethylenetetramine 112-24-3	EC50 = 2.5 mg/L - Desmodesmus subspicatus (72h) EC50 = 20 mg/L - Pseudokirchneriella subcapitata (72h) EC50 = 3.7 mg/L - Pseudokirchneriella subcapitata (96h)	LC50 = 495 mg/L - Pimephales promelas (96h) LC50 = 570 mg/L - Poecilia reticulata (96h) semi-static	EC50 = 31.1 mg/L - Daphnia magna (48h)
4,4'-isopropylidenediphenol 80-05-7	ErC50 = 2.73 mg/L (measured) - Green Algae (96h) EbC50 = 3.1 mg/L (measured) - Green Algae (96h)	LC50 = 4.6 - 11.0 mg/L (measured) - various fresh and saltwater fish (96h) flow-through	EC50 = 10.2 mg/L (measured) - Daphnia magna (48h)
glass, oxide, chemicals 65997-17-3	Not available	Not available	Not available
Diethylenetriamine 111-40-0	EC50 = 1164 mg/L - Pseudokirchneriella subcapitata (72h) EC50 = 345.6 mg/L - Pseudokirchneriella subcapitata (96h) EC50 = 592 mg/L - Desmodesmus subspicatus (96h)	LC50 = 1014 mg/L - Poecilia reticulata (96h) semi-static LC50 = 248 mg/L - Poecilia reticulata (96h) static	EC50 = 16 mg/L - Daphnia magna (48h)
Silicon dioxide, amorphous 112945-52-5	EC50 = 440 mg/L - Pseudokirchneriella subcapitata (72h)	LC50 = 5000 mg/L - Brachydanio rerio (96h) static	EC50 = 7600 mg/L - Ceriodaphnia dubia (48h)

13. DISPOSAL CONSIDERATIONS

The information on RCRA waste classification and disposal methodology provided below applies only to the product, as supplied. If the material has been altered or contaminated, or it has exceeded its recommended shelf life, the guidance may be inapplicable. Hazardous waste classification under federal regulations (40 CFR Part 261 et seq) is dependent upon whether a material is a RCRA "listed hazardous waste" or has any of the four RCRA "hazardous waste characteristics." Refer to 40 CFR Part 261.33 to determine if a given material to be disposed of is a RCRA "listed hazardous waste"; information contained in Section 15 of this MSDS is not intended to indicate if the product is a "listed hazardous waste." RCRA Hazardous Waste Characteristics: There are four characteristics defined in 40 CFR Section 261.21-61.24: Ignitability, Corrosivity, Reactivity, and Toxicity. To determine Ignitability, see Section 9 of this MSDS (flash point). For Corrosivity, see Sections 9 and 14 (pH and DOT corrosivity). For Reactivity, see Section 10 (incompatible materials). For Toxicity, see Section 3 (composition). Federal regulations are subject to change. State and local requirements, which may differ from or be more stringent than the federal regulations, may also apply to the classification of the material if it is to be disposed. The Company encourages the recycle, recovery and reuse of materials, where permitted, as an alternate to disposal as a waste. The Company recommends that organic materials classified as RCRA hazardous wastes be disposed of by thermal treatment or incineration at EPA approved facilities. The Company has provided the foregoing for information only; the person generating the waste is responsible for determining the waste classification and disposal method.

14. TRANSPORT INFORMATION

This section provides basic shipping classification information. Refer to appropriate transportation regulations for specific requirements.

US DOT

Dangerous Goods? X

Proper Shipping Name: POLYAMINES, LIQUID, CORROSIVE, N.O.S.

Hazard Class: 8

Packing Group: II

UN/ID Number: UN2735

Transport Label Required: Corrosive
Marine Pollutant

Marine Pollutant

Technical Name (N.O.S.): polyethylene polyamine, fatty acid compound

Comments: Marine Pollutants - DOT requirements specific to Marine Pollutants do not apply to non-bulk packagings transported by motor vehicles, rail cars or aircraft.

TRANSPORT CANADA

Dangerous Goods? X

Proper Shipping Name: POLYAMINES, LIQUID, CORROSIVE, N.O.S.

Hazard Class: 8

Packing Group: II

UN Number: UN2735

Transport Label Required: Corrosive
Marine Pollutant

Marine Pollutant

Technical Name (N.O.S.): polyethylene polyamine, fatty acid compound

ICAO / IATA

Dangerous Goods? X

Proper Shipping Name: POLYAMINES, LIQUID, CORROSIVE, N.O.S.

Hazard Class: 8

Packing Group: II

UN Number: UN2735

Transport Label Required: Corrosive
Marine Pollutant

Technical Name (N.O.S.): polyethylene polyamine, fatty acid compound

Comments: Marine Pollutants-IATA Special Provision A197 when transported in single or combination packagings containing a net quantity per single or inner packaging of 5L or less for liquids or 5 kg for solids, are not subject to any provisions of these regulations. Note if the material also meets the criteria under additional hazard classes then all requirements continue to apply for those hazards.

IMO

Dangerous Goods? X

Proper Shipping Name: POLYAMINES, LIQUID, CORROSIVE, N.O.S.

Hazard Class: 8

UN Number: UN2735

Packing Group: II

Transport Label Required: Corrosive
Marine Pollutant

Marine Pollutant

Technical Name (N.O.S.): polyethylene polyamine, fatty acid compound

Comments: Marine Pollutants -IMDG 2.10.2.7 when packaged in single or combination packagings, containing a net quantity per single or inner packaging of 5L or less for liquids or 5 kg for solids are not subject to any other provisions of this code. Note if the material also meets the criteria under additional hazard classes then all requirements continue to apply for those hazards.

15. REGULATORY INFORMATION

Inventory Information

United States (USA): All components of this product are included on the TSCA Chemical Inventory or are not required to be listed on the TSCA Chemical Inventory.

Canada: All components of this product are included on the Domestic Substances List (DSL) or are not required to be listed on the DSL.

European Economic Area (including EU): When purchased from a Cytec legal entity based in the EU, this product is compliant with the registration of the REACH Regulation (EC) No. 1907/2006 as all its components are either excluded, exempt, pre-registered and/or registered.

Australia: All components of this product are included in the Australian Inventory of Chemical Substances (AICS) or are not required to be listed on AICS.

China: All components of this product are included on the Chinese inventory or are not required to be listed on the Chinese inventory.

Japan: One or more components of this product are NOT included on the Japanese (ENCS) inventory.

Korea: All components of this product are included on the Korean (ECL) inventory or are not required to be listed on the Korean inventory.

Philippines: One or more components of this product are NOT included on the Philippine (PICCS) inventory.

OTHER ENVIRONMENTAL INFORMATION

The following components of this product may be subject to reporting requirements pursuant to Section 313 of CERCLA (40 CFR 372), Section 12(b) of TSCA, or may be subject to release reporting requirements (40 CFR 307, 40 CFR 311, etc.) See Section 13 for information on waste classification and waste disposal of this product.

Component / CAS No.	%	TPQ (lbs)	RQ(lbs)	S313	TSCA 12B
4,4'-isopropylidenediphenol 80-05-7	1-5	None		Yes	No

PRODUCT HAZARD CLASSIFICATION UNDER SECTION 311 OF SARA

- Acute
- Chronic

16. OTHER INFORMATION

NFPA Hazard Rating (National Fire Protection Association)

Health: 3 - Materials that, under emergency conditions, can cause serious or permanent injury.

Fire: 1 - Materials that must be preheated before ignition can occur.

Instability: 0 - Materials that in themselves are normally stable, even under fire exposure conditions.

Reasons For Issue: Revised Section 1

Date Prepared: 02/05/2017

Date of last significant revision: 02/01/2017

Component Hazard Phrases

Fatty Acid Compound

- H318 - Causes serious eye damage.
- H401 - Toxic to aquatic life.
- H411 - Toxic to aquatic life with long lasting effects.

Polyamide

- H315 - Causes skin irritation.
- H318 - Causes serious eye damage.
- H317 - May cause an allergic skin reaction.
- H401 - Toxic to aquatic life.
- H411 - Toxic to aquatic life with long lasting effects.

Polyethylene polyamine

- H302 - Harmful if swallowed.
- H312 - Harmful in contact with skin.
- H314 - Causes severe skin burns and eye damage.
- H317 - May cause an allergic skin reaction.
- H411 - Toxic to aquatic life with long lasting effects.

Triethylenetetramine

- H302 - Harmful if swallowed.
- H312 - Harmful in contact with skin.
- H314 - Causes severe skin burns and eye damage.
- H317 - May cause an allergic skin reaction.
- H318 - Causes serious eye damage.
- H402 - Harmful to aquatic life.
- H412 - Harmful to aquatic life with long lasting effects.

4,4'-isopropylidenediphenol

- H361f - Suspected of damaging fertility.
- H335 - May cause respiratory irritation.
- H318 - Causes serious eye damage.
- H317 - May cause an allergic skin reaction.
- H401 - Toxic to aquatic life.
- H411 - Toxic to aquatic life with long lasting effects.

Diethylenetriamine

- H302 - Harmful if swallowed.
- H312 - Harmful in contact with skin.
- H314 - Causes severe skin burns and eye damage.
- H317 - May cause an allergic skin reaction.
- H318 - Causes serious eye damage.
- H330 - Fatal if inhaled.
- H335 - May cause respiratory irritation.

Prepared By: Legal & Compliance Services; E-mail: custinfo@solvay.com

This information is given without any warranty or representation. We do not assume any legal responsibility for same, nor do we give permission, inducement, or recommendation to practice any patented invention without a license. It is offered solely for your consideration, investigation, and verification. Before using any product, read its label.



MUS - US GHS Label Template Required: X

DAPCO™ 3008N Low Density Epoxy , Part "A"

Modified epoxy resin

GHS Labeling

Signal Word

Warning

Hazard Statements

Suspected of causing genetic defects

Causes skin irritation

Causes serious eye irritation

May cause an allergic skin reaction

Toxic to aquatic life with long lasting effects

Precautionary Statements

Obtain special instructions before use. Wear protective gloves/protective clothing/eye protection/face protection. Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapours/spray. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. IF exposed or concerned: Get medical advice/attention. IF ON SKIN: Wash with plenty of soap and water. Specific treatment (see supplemental first aid instructions on this label). Take off all contaminated clothing and wash it before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention. Store locked up. Dispose of contents/container in accordance with local and national regulations.

Miscellaneous Statements:

IMPORTANT! Use mechanical exhaust ventilation when heat-curing material.

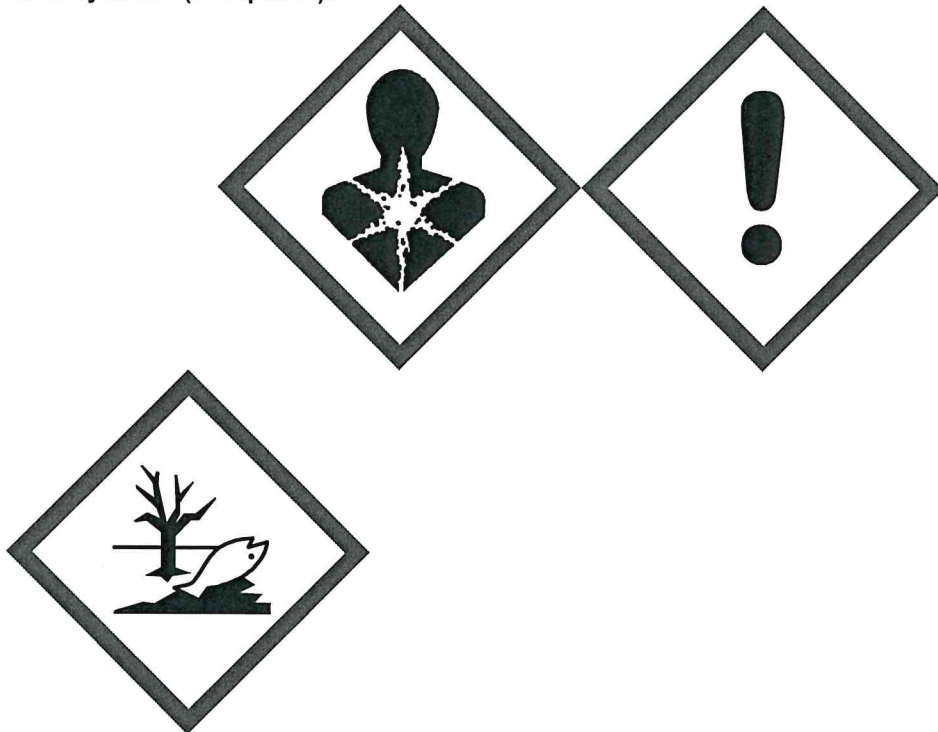
CA Prop65 Label Compliance Method:

SAFE HARBOR LANGUAGE

CA Prop65 Label Statement:

California Proposition 65 Warning (applicable in California only) - This product contains (a) chemical(s) known to the State of California to cause cancer and birth defects or other reproductive harm.

GHS Symbols (if required):



The ® indicates a Registered Trademark in the United States and the ™ indicates a trademark in the United States. The mark may also be registered, subject of an application for registration, or a trademark in other countries.

Right-to-know data for CAS No. / Component

Before handling this material, read Safety Data Sheet # 0056033 for more detailed safety, health and environmental data.

The following components of this product are listed in accordance with right-to-know laws:

Component / CAS No.

Poly(aromatic glycidyl ether) #4	-
glass, oxide, chemicals	65997-17-3
o-Cresol glycidyl ether	2210-79-9
Antimony pentoxide	1314-60-9

NJTSRN:

00901401000-5146
00901401000-5362
00901401000-5281

Standard Packaging Statements:

Drums:

ATTENTION - Container headspace may contain hazardous gas or vapor. Open container with care, using adequate ventilation and avoiding ignition sources. Do not use air pressure or apply heat with open flame to remove contents of container. After emptied, container may retain solid, liquid, and/or vapor residues. Continue to observe all precautions, if any, on label. Do not cut, puncture, torch, or weld on or near emptied container. Do not use for other purposes.

Bags:

ATTENTION - After emptying, bag may retain solid, liquid, and/or vapor residues. Continue to observe all precautions, if any, on label. Do not cut, puncture, torch, or weld on or near emptied container. Do not use for other purposes.

Tank car/truck (bulk):

ATTENTION - Container headspace may contain hazardous gas or vapor. Open container with care, using adequate ventilation and avoiding ignition sources. DO NOT REMOVE TAG UNTIL TANK IS CLEANED.

Cylinders:

ATTENTION - Cylinder contains gas or liquid under pressure. Using equipment rated for cylinder pressure, open valves slowly with care, using adequate ventilation and avoiding ignition sources. When cylinder is empty and disconnected, ensure threaded plugs are properly inserted in valve openings as the cylinder will contain residues. Continue to observe all precautions on label. Protect cylinders from physical damage; do not drag, roll, slide, or drop. Do not cut, puncture, torch, or weld on or near emptied cylinder. Do not use for other purposes.

CYTEC INDUSTRIES INC., 504 CARNEGIE CENTER, PRINCETON, NJ 08540 USA; Telephone: +1-973-357-3193;
Emergency Telephone: 800 424 9300 (Within US,Canada)
+1 (703) 527-3887 (International)

EMERGENCY PHONE (24 hours/day) - For emergency only involving spill, leak, fire, exposure or accident call:

Asia Pacific:

Australia - +61 2 8014 4558 (Carechem24)
China (PRC) - +86 0532 83889090 (NRCC) +86 512 8090 3042 (Carechem24)
New Guinea - +61 2 8014 4558 (Carechem24)
New Zealand - +64 9 929 1483 (Carechem24)
India, Japan, Korea, Malaysia, Thailand - +65 3158 1074 (Carechem24 Singapore)
India (Hindi Speaking Only) - +65 3158 1198 or 000800 100 7479 (Carechem24 Singapore)

Canada: 800 424 9300 (Within US,Canada) +1 (703) 527-3887 (International) (CHEMTREC)

Europe/Africa/Middle East (Carechem24 UK):

Europe, Middle East, Africa, Israel - +44 1235 239 670
(Arabic speaking countries) - +44 1235 239 671

Latin America:

Brazil - +55 11 3197 5891 (Carechem24)
Chile - +56 2 2582 9336 (Carechem24)
All Others - +44 1235 239 670 (Carechem24 UK)

USA: 800 424 9300 (Within US,Canada) +1 (703) 527-3887 (International) (CHEMTREC)

Flash Point: Not applicable

NSF (National Sanitation Foundation)

NSF Statements/Maximum Usage:

Not applicable/Not approved

Dangerous Goods Transport Classification - only incorporate on product label if needed.

US DOT

Dangerous Goods? X

Proper Shipping Name: Environmentally hazardous substance, solid, n.o.s.

Hazard Class: 9

Packing Group: III

UN/ID Number: UN3077

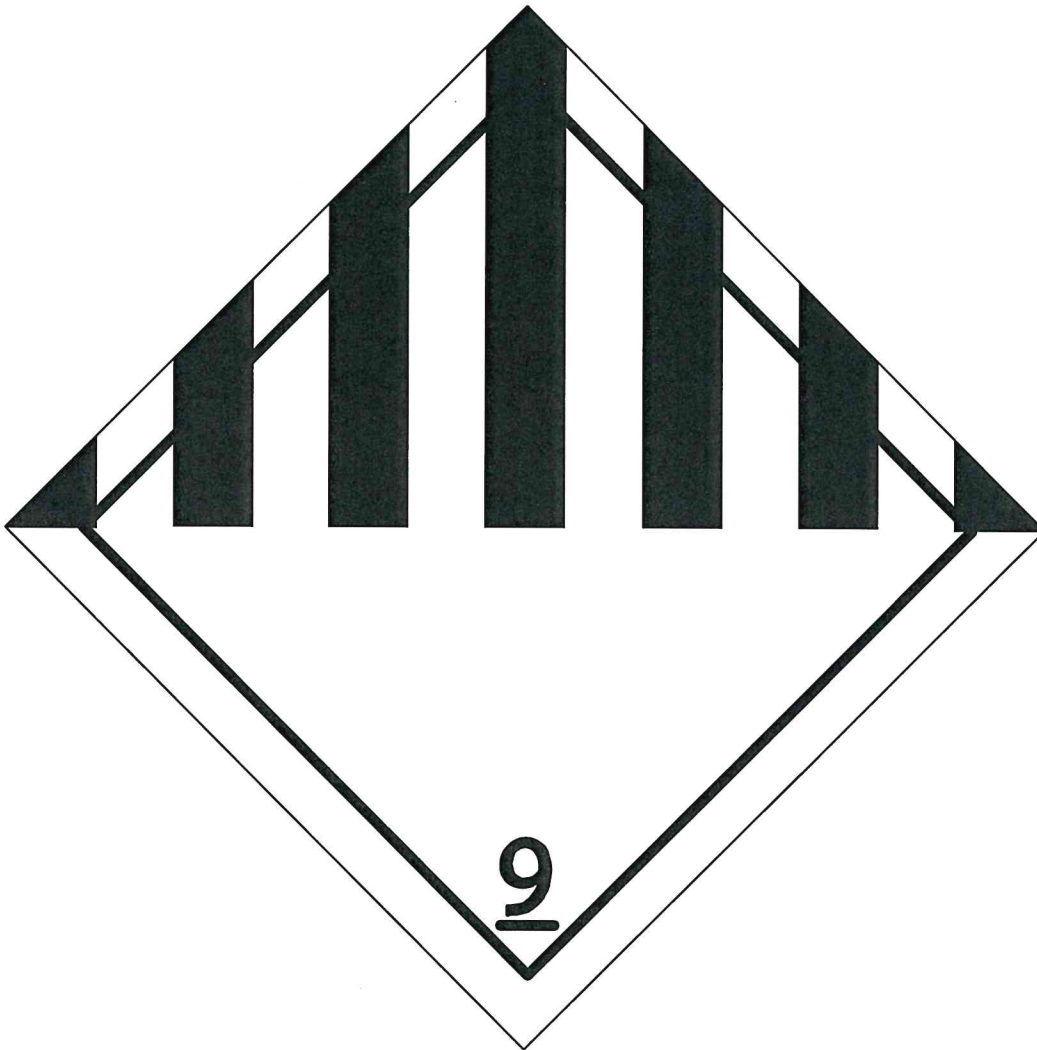
Transport Label Required: Miscellaneous
Marine Pollutant

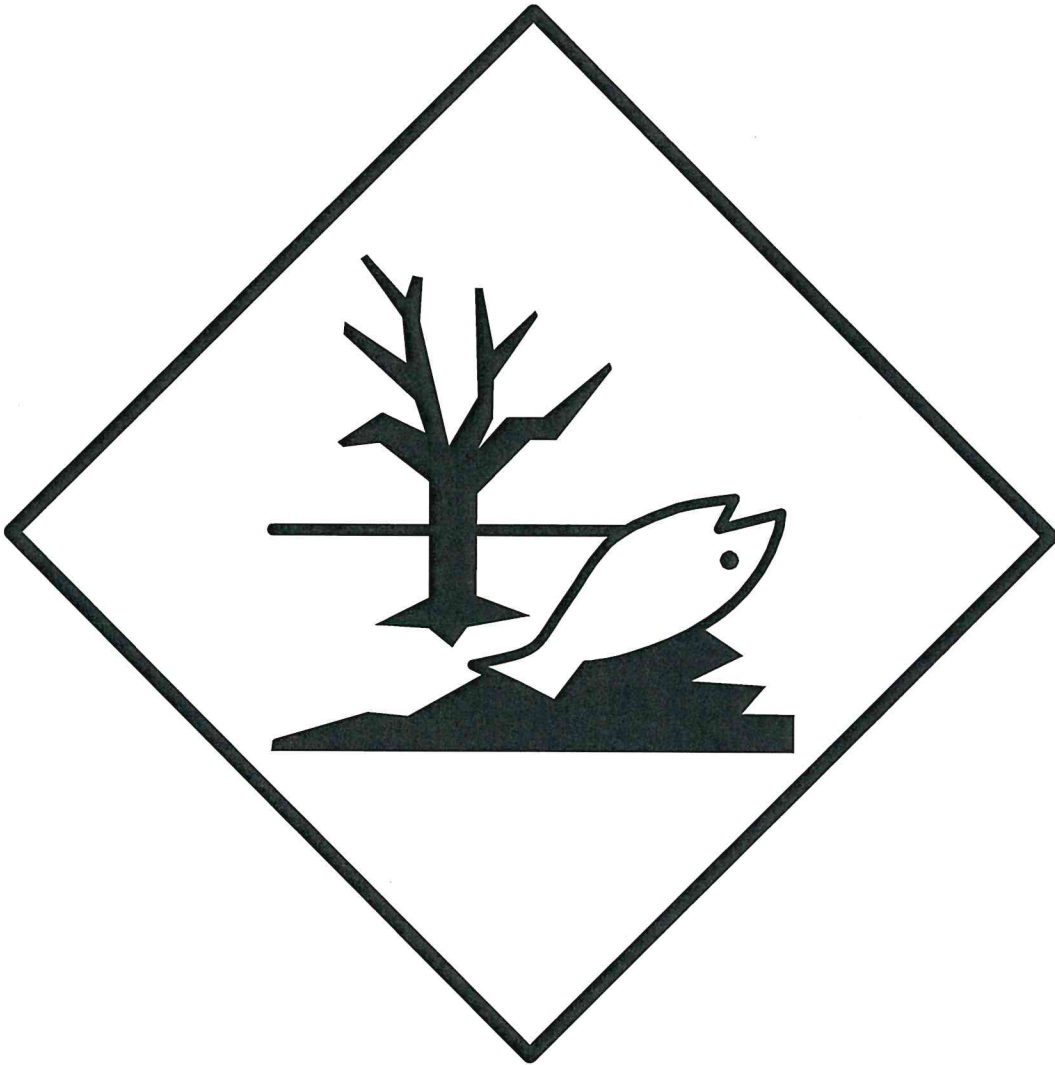
Marine Pollutant

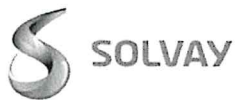
Technical Name (N.O.S.): poly(aromatic glycidyl ether), glycidyl ether

Comments:

Marine Pollutants - DOT requirements specific to Marine Pollutants do not apply to non-bulk packagings transported by motor vehicles, rail cars or aircraft.







MUS - US GHS Label Template Required: X

DAPCO™ 3008N Low Density Epoxy , Part "B"

Modified aliphatic amine

GHS Labeling

Signal Word

Danger

Hazard Statements

Suspected of damaging fertility or the unborn child

Harmful if inhaled

Causes severe skin burns and eye damage

May cause an allergic skin reaction

Toxic to aquatic life with long lasting effects

Cytec Other Hazards

Polymerization may occur from excessive heat, contamination or exposure to direct sunlight. Use mechanical exhaust ventilation when heat-curing material.

Precautionary Statements

Obtain special instructions before use. Wear protective gloves/protective clothing/eye protection/face protection. Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapours/spray. Wash face, hands and any exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or doctor/physician. Specific treatment (see supplemental first aid instructions on this label). IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Store locked up. Dispose of contents/container in accordance with local and national regulations.

Miscellaneous Statements:

IMPORTANT! Use mechanical exhaust ventilation when heat-curing material.

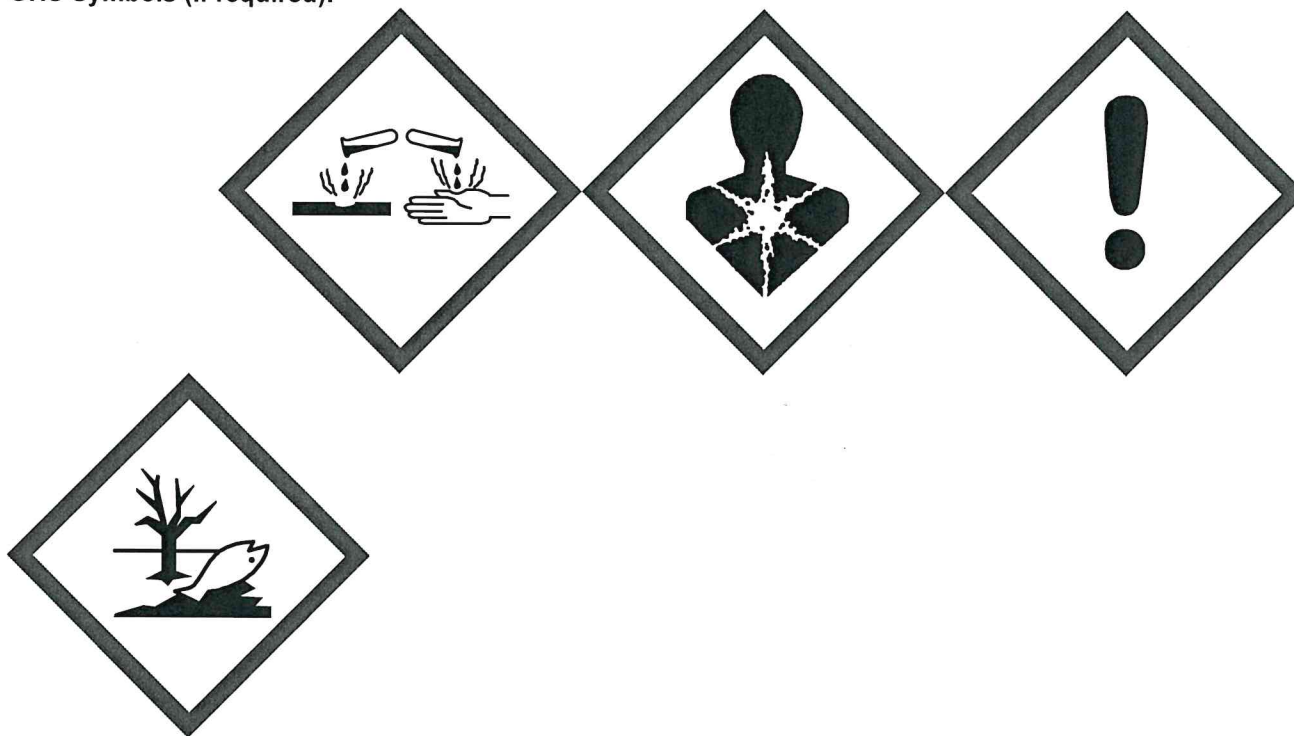
CA Prop65 Label Compliance Method:

SAFE HARBOR LANGUAGE

CA Prop65 Label Statement:

California Proposition 65 Warning (applicable in California only) - This product contains (a) chemical(s) known to the State of California to cause birth defects or other reproductive harm.

GHS Symbols (if required):



The ® indicates a Registered Trademark in the United States and the ™ indicates a trademark in the United States. The mark may also be registered, subject of an application for registration, or a trademark in other countries.

Right-to-know data for CAS No. / Component

Before handling this material, read Safety Data Sheet # 0056011 for more detailed safety, health and environmental data.

The following components of this product are listed in accordance with right-to-know laws:

Component / CAS No.

Fatty Acid Compound	-
Polyamide	-
Polyethylene polyamine	-
Triethylenetetramine	112-24-3
4,4'-isopropylidenediphenol	80-05-7
glass, oxide, chemicals	65997-17-3
Diethylenetriamine	111-40-0
Silicon dioxide, amorphous	112945-52-5

NJTSRN:

00901401000-8231
00901401000-5365
00901401000-5467
00901401000-5113

Standard Packaging Statements:

Drums:

ATTENTION - Container headspace may contain hazardous gas or vapor. Open container with care, using adequate ventilation and avoiding ignition sources. Do not use air pressure or apply heat with open flame to remove contents of container. After emptied, container may retain solid, liquid, and/or vapor residues. Continue to observe all precautions, if any, on label. Do not cut, puncture, torch, or weld on or near emptied container. Do not use for other purposes.

Bags:

ATTENTION - After emptying, bag may retain solid, liquid, and/or vapor residues. Continue to observe all precautions, if any, on label. Do not cut, puncture, torch, or weld on or near emptied container. Do not use for other purposes.

Tank car/truck (bulk):

ATTENTION - Container headspace may contain hazardous gas or vapor. Open container with care, using adequate ventilation and avoiding ignition sources. DO NOT REMOVE TAG UNTIL TANK IS CLEANED.

Cylinders:

ATTENTION - Cylinder contains gas or liquid under pressure. Using equipment rated for cylinder pressure, open valves slowly with care, using adequate ventilation and avoiding ignition sources. When cylinder is empty and disconnected, ensure threaded plugs are properly inserted in valve openings as the cylinder will contain residues. Continue to observe all precautions on label. Protect cylinders from physical damage; do not drag, roll, slide, or drop. Do not cut, puncture, torch, or weld on or near emptied cylinder. Do not use for other purposes.

CYTEC INDUSTRIES INC., 504 CARNEGIE CENTER, PRINCETON, NJ 08540 USA; Telephone: +1-973-357-3193;
Emergency Telephone: 800 424 9300 (Within US,Canada)
+1 (703) 527-3887 (International)

EMERGENCY PHONE (24 hours/day) - For emergency only involving spill, leak, fire, exposure or accident call:

Asia Pacific:

Australia - +61 2 8014 4558 (Carechem24)
China (PRC) - +86 0532 83889090 (NRCC) +86 512 8090 3042 (Carechem24)
New Guinea - +61 2 8014 4558 (Carechem24)
New Zealand - +64 9 929 1483 (Carechem24)
India, Japan, Korea, Malaysia, Thailand - +65 3158 1074 (Carechem24 Singapore)
India (Hindi Speaking Only) - +65 3158 1198 or 000800 100 7479 (Carechem24 Singapore)

Canada: 800 424 9300 (Within US,Canada) +1 (703) 527-3887 (International) (CHEMTREC)

Europe/Africa/Middle East (Carechem24 UK):

Europe, Middle East, Africa, Israel - +44 1235 239 670
(Arabic speaking countries) - +44 1235 239 671

Latin America:

Brazil - +55 11 3197 5891 (Carechem24)
Chile - +56 2 2582 9336 (Carechem24)
All Others - +44 1235 239 670 (Carechem24 UK)

USA: 800 424 9300 (Within US,Canada) +1 (703) 527-3887 (International) (CHEMTREC)

Flash Point: >93.3 °C 200 °F

NSF (National Sanitation Foundation)

NSF Statements/Maximum Usage:

Not applicable/Not approved

Dangerous Goods Transport Classification - only incorporate on product label if needed.

US DOT

Dangerous Goods? X

Proper Shipping Name: POLYAMINES, LIQUID, CORROSIVE, N.O.S.

Hazard Class: 8

Packing Group: II

UN/ID Number: UN2735

Transport Label Required: Corrosive
Marine Pollutant

Marine Pollutant

Technical Name (N.O.S.): polyethylene polyamine, fatty acid compound
Comments: Marine Pollutants - DOT requirements specific to Marine Pollutants do not apply to non-bulk packagings transported by motor vehicles, rail cars or aircraft.



