SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product Identifier

AC•Tech OBS-C, Part A

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Chemical product for construction and industry

1.3 Details of the supplier of the safety data sheet

Manufacturer:	Allied Construction Technologies, Inc. 3302 Croft Street Norfolk, VA 23513	Phone:(757)-855-5100 Email: Team@actechperforms.com
Emergency Phone:	US & Canada Infotrac: (800) 535-5053 (Contract #104212)	International Infotrac: 1-352-323-3500

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC

Indications of danger: Xi - Irritant, N - Dangerous for the environment

R phrases:

Irritating to eyes and skin.

May cause sensitization by skin contact.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazard categories:

Skin corrosion/irritation: Skin Irrit. 2

Respiratory/skin sensitization: Skin Sens. 1

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

Causes skin irritation.

May cause an allergic skin reaction.

Toxic to aquatic life with long lasting effects.

2.2 Label Elements

Hazardous components which must be listed on the label

epoxy resin (number average molecular weight <= 700), reaction product: bisphenol-A-(epichlorhydrin)

1,6-bis(2,3-epoxypropoxy)hexane

Signal word: Warning

Pictograms: GHS07

Hazard statements

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.

Special labeling of certain mixtures

EUH205 Contains epoxy constituents. May produce an allergic reaction.

NFPA and HMIS Rating

NFPA Rating	Health: 2	Fire: 1	Reactivity: 0
HMIS Rating	Health: 2	Flammability: 1	Physical Hazard: 0

SECTION 3: Composition/Information on Ingredients

3.1 Mixtures

Hazardous Components

EC No	Chemical name	Quantity
CAS No	Classification according to Directive 67/548/EEC	
Index No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
REACH No		
500-033-5	epoxy resin (number average molecular weight <= 700), reaction product: bisphenol-A-(epichlorhydrin)	10 - < 25 %
25068-38-6	Xi - Irritant, N - Dangerous for the environment R36/38-43-51-53	
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, Aquatic Chronic 2; H315 H319 H317 H411	
01-2119456619-26		
240-260-4	1,6-bis(2,3-epoxypropoxy)hexane	10 - < 25 %
16096-31-4	Xi - Irritant R36/38-43-52-53	
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, Aquatic Chronic 3; H315 H319 H317 H412	
01-2119463471-41		

For Full text R-,H- and EUH-phrases: see section 16.

SECTION 4: First Aid Measures

4.1 Description of first aid measures

General Information

Change contaminated clothing. If you feel unwell due to accidental exposure, seek medical attention immediately. (show MSDS if possible)

After inhalation

Move to fresh air and keep warm and rest.

After contact with skin

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap. In case of skin irritation, seek medical treatment.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult an ophthalmologist.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious) . Sip water. Do not induce vomiting. Immediately get medical attention.

4.2. Symptoms and effects, both acute and delayed

Allergic reactions. Treat symptomatically.

SECTION 5: Firefighting Measures

5.1 Extinguishing media

Suitable extinguishing media

- alcohol resistant foam.
- Water spray.
- Carbon dioxide (CO2).
- dry extinguishing powder.

Unsuitable extinguishing media

-High power water jet.

5.2 Special hazards arising from the substance or mixture

Can be released in case of fire:

-Carbon monoxide

-Carbon dioxide

-Nitrogen oxides (NOx).

5.3 Advise for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment. See protective measures under point 7 and 8. Provide adequate ventilation.

6.2 Environmental precautions

Do not empty into drains or the aquatic environment. Cover drains. Clean contaminated objects and areas thoroughly

observing environmental regulations. In case of gas being released or leakage into waters, ground or the drainage system, the appropriate authorities must be informed.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Remove mechanically, placing in appropriate containers for disposal.

6.4 References to other sections

Personal protection equipment refer to chapter 8.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Wear protective clothing. Close container tightly once it is no longer in use. Store away from direct sunlight, heat, spark, fire and other sources of ignition. Empty containers may still contain mixed or unmixed materials, which may be hazardous.

7.2 Storage

Keep in closed, original container. Store container in a cool, dry and ventilated area. Protect from direct sunlight an heat or heating elements. Do not store near spark, fire and other sources of ignition. Keep away from food, beverages and animal feed. Keep away from oxidizing agents. Protect from frost, humidity and heat.

SECTION 8: Exposure Controls/Personal Protection

8.1 Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
13463-67-7	Titanium dioxide, total inhalable	-	10		TWA (8 h)	WEL

DNEL/DMEL values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
1675-54-3	2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane			
,				

8.2 Exposure Controls

Skin Protection

Use protective clothing to prevent skin contact. Wear nitrile or butyl rubber gloves. Ensure the chemical resistance of the gloves is suitable for use with these chemicals.

Eye Protection

Wear tight-fitting, protective goggles or face shield.

Respiratory Protection

When applying material in confined spaces, use appropriate NIOSH mask. When applying in vented spaces, respiratory protection is not required unless there are sensitivities to chemicals listed in MSDS.

Body Protection

For protection against direct skin contact, ensure protective clothing covers all exposed skin areas.

General Protection & Hygiene

Avoid contact with skin, eyes and clothing. In case of skin sensitivity, protect skin with protective skin cream. Remove contaminated clothing immediately. Do not eat, drink or smoke in or around application area. Wash hands before taking breaks and at the end of application.

SECTION 9: Physical and Chemical Properties

Physical State:	Liquid
Color:	Transparent
Odor:	Low
PH-Value:	No Data Available

Changes in physical state

Melting point	No Data Available
Initial Boiling point and boiling range	No Data Available
Sublimation point	No Data Available
Softening point	No Data Available
Pour Point	No Data Available
Flash point:	> 203 °F

Flammability

Solid	No Data Available
Gas	No Data Available
Lower explosion limits	No Data Available
Upper explosion limits	No Data Available
Ignition temperature	No Data Available

Auto-ignition temperature

Solid	No Data Available
Gas	No Data Available
Decompression Temperature	No Data Available
Vapor Pressure	No Data Available
Density at 73 °F	~2.24 g/cm^3
Partition coefficient:	No Data Available
Viscosity/Dynamic (at 73 °F)	~4500 CPS
Viscosity/Kinematic	No Data Available
Flow Time	No Data Available
Vapor Density	No Data Available
Evaporation Rate	No Data Available

SECTION 10: Stability and Reactivity

10.1 Reactivity

No dangerous reactions by handling and stock-keeping according to the guidelines.

10.2 Chemical Stability

No decomposition if used according to guidelines.

10.3 Possibility of hazardous reactions

Reacts with:

-Amines

-Acid

-Alkalis

10.4 Conditions to avoid

No Data Available

10.5 Incompatible materials

No Data Available

10.6 Hazardous decomposition products

Gas/Vapors, irritant

SECTION 11: Toxicological Information

11.1 Information on toxicological effects

Acute toxicity

Based on available data, the classification criteria are not met.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
1675-54-3	2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane				
	oral	LD50 15000 mg/kg	Rat		
	dermal	LD50 23000 mg/kg	Rabbit		
933999-84-9	reaction products of hexane-1,6-diol with 2-(chloromethyl)oxirane (1:2)				
	oral	LD50 2190 mg/kg	Rat		
	dermal	LD50 > 2000 mg/kg	Rabbit		

Irritation and corrosivity

Causes skin irritation.

Causes serious eye irritation.

Sensitizing effects

May cause an allergic skin reaction. (epoxy resin (number average molecular weight <= 700), reaction product: bisphenol-A-(epichlorhydrin)), (1,6-bis(2,3-epoxypropoxy)hexane)

May cause heavy allergic reactions with chronic effects after a sensitization and a later exposure by very low amounts.

STOT-single exposure

Based on available data, the classification criteria are not met.

Severe effects after repeated or prolonged exposure

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

SECTION 12: Ecological Information

12.1 Toxicity

CAS No	Chemical name						
	Aquatic toxicity	Dose		[h] | [d]	Species	Source	Method
1675-54-3	2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane						
	Acute fish toxicity	LC50	2,0 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)		
	Acute algae toxicity	ErC50	11 mg/l	72 h	algae		
	Acute crustacea toxicity	EC50	1,8 mg/l	48 h	Daphnia magna		
933999-84-9	reaction products of hexane-1,6-diol with 2-(chloromethyl)oxirane (1:2)						
	Acute fish toxicity	LC50	30 mg/l	96 h	Leuciscus idus (golden orfe)		

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
1675-54-3	2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane	3,242

12.4 Mobility in soil

No information available.

Further Information

Harmful to aquatic life with long lasting effects. Do not empty into drains or the aquatic environment.

SECTION 13: Disposal Considerations

13.1 Product Disposal

Containers that have been completely emptied may be recycled per federal, state and local regulations and disposal guidelines. Containers that have no been emptied or contain product residue may still contain hazardous materials and should be disposed of in accordance with federal, state and local regulations regarding hazardous material disposal.

SECTION 14: Transportation Information

Land transport (ADR/RID)

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

Air transport (ICAO)

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

SECTION 15: Regulatory Information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulatory information

2004/42/EC (VOC):	< 500 g/l (A+B)
Subcategory according to Directive 2004/42/EC:	Two-pack reactive performance coatings for specific end use such as floors-Solvent-borne coatings, VOC limit value: 500 g/l

National regulatory information

Water contaminating class (D):	2 - clearly water contaminating

SECTION 16: Other Information

Changes

This data sheet contains changes from the previous version in section(s): 14.

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Skin Irrit. 2; H315	Calculation method
Eye Irrit. 2; H319	Calculation method
Skin Sens. 1; H317	Calculation method
Aquatic Chronic 3; H412	Calculation method

Relevant H- and EUH-phrases (Number and full text)

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.
H412	Harmful to aquatic life with long lasting effects.
EUH205	Contains epoxy constituents. May produce an allergic reaction

Further Information

To the best of our knowledge, the information contained in this SDS is accurate. It is intended to assist the user in his evaluation of the product's hazards, and safety precautions to be taken in its use. The data on this SDS relate only to the specific material designated herein. We do not assume any liability for the use of, or reliance on this information, nor do we guarantee its accuracy or completeness.

SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product Identifier

AC•Tech OBS-C, Part B

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Chemical product for construction and industry

1.3 Details of the supplier of the safety data sheet

Manufacturer:	Allied Construction Technologies, Inc. 3302 Croft Street Norfolk, VA 23513	Phone:(757)-855-5100 Email: Team@actechperforms.com
Emergency Phone:	US & Canada Infotrac: (800) 535-5053 (Contract #104212)	International Infotrac: 1-352-323-3500

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 [CLP]

Acute toxicity: Acute Tox. 4

Skin corrosion/irritation: Skin Corr. 1B

Serious eye damage/eye irritation: Eye Dam. 1

Respiratory/skin sensitization: Skin Sens. 1

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

Harmful if swallowed or if in contact with skin.

Causes severe skin burns and eye damage.

May cause an allergic skin reaction.

Harmful to aquatic life with long lasting effects.

2.2 Label Elements

Reg

Hazard components which must be listed on the label

3-aminomethyl-3,5,5-trimethylcyclohexylamine

benzyl alcohol

2,4,6-Tris-(dimethylaminomethyl)phenol

Signal word: Danger

Pictograms: GHS05-GHS07

Hazard statements

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor.

NFPA and HMIS Rating

NFPA Rating	Health: 2*	Fire: 2	Reactivity: 0
HMIS Rating	Health: 2	Flammability: 2	Physical Hazard: 0

SECTION 3: Composition/Information on Ingredients

3.1 Mixtures

Hazardous Components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
2855-13-2	3-aminomethyl-3,5,5-trimethylcyclohexylamine			50 - < 75 %
	220-666-8	612-067-00-9	01-2119514687-32	
	Acute Tox. 4, Acute Tox. 4, Skin Corr. 1B, Eye Dam. 1, Skin Sens. 1, Aquatic Chronic 3; H312 H302 H314 H318 H317 H412			
	Hydrocarbons, C11-C13, isoalkanes, <2% aromatics			10 - < 25 %
	920-901-0		01-2119456810-40	
	Asp. Tox. 1; H304 EUH066			
100-51-6	benzyl alcohol			10 - < 25 %
	202-859-9	603-057-00-5	01-2119492630-38	
	Acute Tox. 4, Acute Tox. 4, Eye Irrit. 2; H332 H302 H319			
90-72-2	2,4,6-Tris-(dimethylaminomethyl)phenol			1 - < 5 %
	202-013-9			
	Skin Corr. 1B, Skin Sens. 1; H314 H317			

For Full text R-,H- and EUH-phrases: see section 16.

SECTION 4: First Aid Measures

4.1 Description of first aid measures

General Information

Change contaminated clothing. If you feel unwell due to accidental exposure, seek medical attention immediately. (show MSDS if possible)

After inhalation

Move to fresh air and keep warm and rest.

After contact with skin

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap. In case of skin irritation, seek medical treatment.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult an ophthalmologist.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious) . Sip water. Do not induce vomiting. Immediately get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

- Causes severe skin burns and eye damage.
- Allergic reactions.
- gastro-intestinal ailment.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting Measures

5.1 Extinguishing media

Suitable extinguishing media

- alcohol resistant foam.
- Water spray.
- Carbon dioxide (CO2).
- dry extinguishing powder.

Unsuitable extinguishing media

-High power water jet.

5.2 Special hazards arising from the substance or mixture

Can be released in case of fire:

-Carbon monoxide

-Carbon dioxide

-Nitrogen oxides (NOx).

5.3 Advise for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment. See protective measures under point 7 and 8. Provide adequate ventilation.

6.2 Environmental precautions

Do not empty into drains or the aquatic environment. Cover drains. Clean contaminated objects and areas thoroughly

observing environmental regulations. In case of gas being released or leakage into waters, ground or the drainage system, the appropriate authorities must be informed.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Remove mechanically, placing in appropriate containers for disposal.

6.4 References to other sections

Personal protection equipment refer to chapter 8.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Wear protective clothing. Close container tightly once it is no longer in use. Store away from direct sunlight, heat, spark, fire and other sources of ignition. Empty containers may still contain mixed or unmixed materials, which may be hazardous.

7.2 Storage

Keep in closed, original container. Store container in a cool, dry and ventilated area. Protect from direct sunlight an heat or heating elements. Do not store near spark, fire and other sources of ignition. Keep away from food, beverages and animal feed. Keep away from oxidizing agents. Protect from frost, humidity and heat.

SECTION 8: Exposure Controls/Personal Protection

8.1 Control parameters

PNEC

CAS No	Substance	
Environmental compartment		Value
2855-13-2	3-aminomethyl-3,5,5-trimethylcyclohexylamine	
Freshwater		0,06 mg/l
Marine water		0,006 mg/l

Additional advice on limit values

To date, no national critical limit values exist.

Skin Protection

Use protective clothing to prevent skin contact. Wear nitrile or butyl rubber gloves. Ensure the chemical resistance of the gloves is suitable for use with these chemicals.

Eye Protection

Wear tight-fitting, protective goggles or face shield.

Respiratory Protection

When applying material in confined spaces, use appropriate NIOSH mask. When applying in vented spaces, respiratory protection is not required unless there are sensitivities to chemicals listed in MSDS.

Body Protection

For protection against direct skin contact, ensure protective clothing covers all exposed skin areas.

General Protection & Hygiene

Avoid contact with skin, eyes and clothing. In case of skin sensitivity, protect skin with protective skin cream. Remove

contaminated clothing immediately. Do not eat, drink or smoke in or around application area. Wash hands before taking breaks and at the end of application.

Environmental Exposure Controls

Do not allow to enter into water or drains. If entry into waterways, soils or drains occurs, inform authorities.

SECTION 9: Physical and Chemical Properties

Physical State:	Liquid
Color:	Transparent
Odor:	Low
PH-Value:	No Data Available
Changes in physical state	
Melting point	No Data Available
Initial Boiling point and boiling range	No Data Available
Sublimation point	No Data Available
Softening point	No Data Available
Pour Point	No Data Available
Flash point:	> 142 °F
Flammability	
Solid	No Data Available
Gas	No Data Available
Lower explosion limits	No Data Available
Upper explosion limits	No Data Available
Ignition temperature	No Data Available
Auto-ignition temperature	
Solid	No Data Available
Gas	No Data Available
Decompression Temperature	No Data Available
Vapor Pressure	No Data Available
Density at 73 °F	~0.9 g/cm^3
Partition coefficient:	No Data Available
Viscosity/Dynamic (at 73 °F)	~50 CPS
Viscosity/Kinematic	No Data Available
Flow Time	No Data Available
Vapor Density	No Data Available
Evaporation Rate	No Data Available

SECTION 10: Stability and Reactivity

10.1 Reactivity

No dangerous reactions by handling and stock-keeping according to the guidelines.

10.2 Chemical Stability

No decomposition if used according to guidelines.

10.3 Possibility of hazardous reactions

No Data Available

10.4 Conditions to avoid

No Data Available

10.5 Incompatible materials

No Data Available

10.6 Hazardous decomposition products

No Data Available

SECTION 11: Toxicological Information

11.1 Information on toxicological effects

Acute toxicity

Harmful if swallowed or in contact with skin.

ATEmix calculated

ATE (oral) 1366,3 mg/kg

CAS No	Chemical name					
	Exposure route	Dose		Species	Source	Method
2855-13-2	3-aminomethyl-3,5,5-trimethylcyclohexylamine					
	oral	LD50 mg/kg	1030	Rat		
	dermal	LD50 mg/kg	1840	Rabbit		
	Hydrocarbons, C11-C13, isoalkanes, <2% aromatics					
	oral	LD50 mg/kg	>5000	Rat		
	dermal	LD50 mg/kg	>5000	Rabbit		
100-51-6	benzyl alcohol					
	oral	LD50 mg/kg	1230	Rat	GESTIS	
	inhalation vapour	ATE	11 mg/l			
	inhalation (4 h) aerosol	LC50	4,178 mg/l	Rat		
90-72-2	2,4,6-Tris-(dimethylaminomethyl)phenol					
	oral	LD50 mg/kg	2170	Rat		

Irritation and corrosivity

Causes severe skin burns and eye damage.

Sensitizing effects

May cause an allergic skin reaction. (3-aminomethyl-3,5,5-trimethylcyclohexylamine), (2,4,6-Tris-(dimethylaminomethyl)phenol)

May cause heavy allergic reactions with chronic effects after a sensitization and a later exposure by very low amounts.

STOT-single exposure

Based on available data, the classification criteria are not met.

Severe effects after repeated or prolonged exposure

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Observations relevant to classification

Sensitization/Irritant effect on the respiratory tract: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

SECTION 12: Ecological Information

12.1 Bioaccumulative potential

No information available.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
100-51-6	benzyl alcohol	1,05

12.2 Mobility in soil

No information available.

12.3 Results of PBT and vPvB assessment

This substance does not meet the criteria for classification as PBT or vPvB.

Further Information

Harmful to aquatic life with long lasting effects. Do not empty into drains or the aquatic environment.

SECTION 13: Disposal Considerations

13.1 Product Disposal

Containers that have been completely emptied may be recycled per federal, state and local regulations and disposal guidelines. Containers that have no been emptied or contain product residue may still contain hazardous materials and should be disposed of in accordance with federal, state and local regulations regarding hazardous material disposal.

SECTION 14: Transportation Information

Land transport (ADR/RID)

14.1. UN number: UN 2735

14.2. UN proper shipping name: AMINES, LIQUID, CORROSIVE, N.O.S. (Isophoronediamine)

14.3. Transport hazard class(es): 8

14.4. Packing group: III

Hazard label: 8

Classification code: C7

Special Provisions: 274

Limited quantity: 5 L

Transport category: 3

Hazard No: 80

Tunnel restriction code: E

Other applicable information (land transport)

E1

Inland waterways transport (ADN)

14.1. UN number:	UN 2735
14.2. UN proper shipping name:	AMINES, LIQUID, CORROSIVE, N.O.S. (Isophoronediamine)
14.3. Transport hazard class(es):	8
14.4. Packing group:	III
Hazard label:	8
Classification code:	C7
Special Provisions:	274
Limited quantity:	5 L

Other applicable information (inland waterways transport)

E1

Marine transport (IMDG)

14.1. UN number:	UN 2735
14.2. UN proper shipping name:	AMINES, LIQUID, CORROSIVE, N.O.S. (Isophoronediamine)
14.3. Transport hazard class(es):	8
14.4. Packing group:	III
Hazard label:	8
Marine pollutant:	no
Special Provisions:	223, 274
Limited quantity:	5 L
EmS:	F-A, S-B

Other applicable information (marine transport)

E1

Air transport (ICAO)

14.1. UN number:	UN 2735
14.2. UN proper shipping name:	AMINES, LIQUID, CORROSIVE, N.O.S. (Isophoronediamine)
14.3. Transport hazard class(es):	8
14.4. Packing group:	III
Hazard label:	8
Special Provisions:	A3 A803
Limited quantity Passenger:	1 L
IATA-packing instructions - Passenger:	852
IATA-max. quantity - Passenger:	5 L
IATA-packing instructions - Cargo:	856
IATA-max. quantity -Cargo:	60 L

Other applicable information (air transport)

E1

: Y841

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

SECTION 15: Regulatory Information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulatory information

2004/42/EC (VOC):	< 500 g/l (A+B)
Subcategory according to Directive 2004/42/EC:	Two-pack reactive performance coatings for specific end use such as floors-Solvent-borne coatings, VOC limit value: 500 g/l

National regulatory information

Water contaminating class (D):	2 - clearly water contaminating

SECTION 16: Other Information

Changes

This data sheet contains changes from the previous version in section(s): 1,2,3,7,11,14,15.

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Acute Tox. 4; H302	Calculation method
Skin Corr. 1B; H314	Calculation method
Eye Dam. 1; H318	Calculation method
Skin Sens. 1; H317	Calculation method
Aquatic Chronic 3; H412	Calculation method

Relevant H- and EUH-phrases (Number and full text)

H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
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.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

Further Information

To the best of our knowledge, the information contained in this SDS is accurate. It is intended to assist the user in his evaluation of the product's hazards, and safety precautions to be taken in its use. The data on this SDS relate only to the specific material designated herein. We do not assume any liability for the use of, or reliance on this information, nor do we guarantee its accuracy or completeness.