

SAFETY DATA SHEET
ALSAN CAP E FILLER

Offerte en français

GHS	PROTECTIVE CLOTHING	TRANSPORT OF DANGEROUS GOODS
		Not regulated

SECTION I: IDENTIFICATION

Use: Graded silica sands

Distributor:

SOPREMA Middle East
Dubai Airport Free Zone
Dubai - UAE
6EA 724

Tel.: +971 4 609 1661

In case of emergency:

SOPREMA (8:00am to 5:00pm): +971 4 6091661

SECTION II: HAZARD(S) IDENTIFICATION

DANGER

May cause cancer.

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear respiratory protection. Store locked up. Dispose of container in accordance with local, regional and national regulations.

SECTION III: COMPOSITION AND INFORMATION ON HAZARDOUS INGREDIENTS

NAME	CAS #	% WEIGHT	EXPOSURE LIMIT (ACGIH)	
			TLV-TWA	TLV-STEL
Quartz	14808-60-7	30-60	0.025 mg/m ³	Not established

SECTION IV: FIRST-AID MEASURES

If exposed or concerned: Get medical advice

SKIN CONTACT

Remove contaminated clothing. Wash thoroughly with soap and water. If irritation develops, get medical attention.

EYE CONTACT

Check and remove contact lenses if any. Flush thoroughly with water for at least 15 minutes. If irritation persists, get medical attention.

INHALATION

Move victim to fresh air. If breathing is difficult, give oxygen. If breathing stops, give respiratory assistance. Obtain medical assistance if problem persists.

SWALLOWING

Do not induce vomiting. Immediately contact local poison control centre. Should vomiting occur, be sure to keep the victim's head below hips to avoid aspiration of vomit into the lungs. Maintain the victim at rest and obtain immediate medical attention.

SECTION V: FIRE-FIGHTING MEASURES

FLAMMABILITY: Not flammable

EXPLOSION DATA: Not applicable

FLASH POINT: Not applicable

AUTO-IGNITION TEMPERATURE: Not applicable

FLAMMABILITY LIMITS IN AIR: (% in volume) Not applicable

FIRE AND EXPLOSION HAZARDS

Not applicable.

COMBUSTION PRODUCTS

Not applicable.

FIRE FIGHTING INSTRUCTIONS

Not applicable.

EXTINGUISHING MEDIA

Not applicable.

SECTION VI: ACCIDENTAL RELEASE MEASURES

RELEASE OR SPILL

Wear appropriate protective equipment during cleanup. Shut off source of leak if you can do it without risk. Contain the spill. Sweep or shovel into containers with lids and avoid formation of dust. Cover and remove to appropriate well ventilated area until disposal. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, basements or confined areas.

SECTION VII: HANDLING AND STORAGE

HANDLING

This product is toxic. Avoid contact with eyes, skin and clothing. Do not ingest. Avoid breathing mist, vapour or dust. Wash thoroughly after handling. Persons with antecedents of asthma, chronic or periodic respiratory disorders should never manipulate this product. Before handling, it is very important that ventilation controls are operating and protective equipment requirements are being followed. People working with this product should be properly trained regarding its hazards and its safe use. Do not cut, puncture or weld empty containers.

STORAGE

Store containers in a cool well-ventilated area. Store the product according to occupational health and safety regulations and fire and building codes. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks. Have appropriate spill clean-up equipment near storage area. Inspect all containers to make sure they are properly labelled.

SECTION VIII: EXPOSURE CONTROLS / PERSONAL PROTECTION

HANDS: Wear impervious gloves.

RESPIRATORY: If the TLV is exceeded, if use is performed in a poorly ventilated confined area, use an approved respirator in accordance with standards.

EYES: Wear chemical safety glasses in accordance with standards.

OTHERS: Eye bath and safety shower.

CONTROL OF VAPOURS: Local exhaust is needed to control dust level to below recommended limits.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Solid
ODOUR AND APPEARANCE:	Powder of variable color
ODOUR THRESHOLD:	None
VAPOUR DENSITY (air = 1):	Not applicable
EVAPORATION RATE (Butyl acetate = 1):	Not applicable
BOILING POINT (760 mm Hg):	Not available
FREEZING POINT:	Not available
SPECIFIC GRAVITY (H₂O = 1):	1890 kg/m ³
SOLUBILITY IN WATER (20°C):	Not soluble
VOLATILE ORGANIC COMPOUND (V.O.C.):	Not applicable
VISCOSITY:	Not applicable

SECTION X: STABILITY AND REACTIVITY

STABILITY: This material is stable at handling and storage conditions recommended under the section VII.

CONDITIONS OF REACTIVITY: Avoid excessive exposure to air and water.

INCOMPATIBILITY: None.

HAZARDOUS DECOMPOSITION PRODUCTS: None.

HAZARDOUS POLYMERISATION: None.

SECTION XI: TOXICOLOGICAL INFORMATION

May cause transient eye irritation.

May cause irritation by inhalation and if swallowed.

SECTION XII: ECOLOGICAL INFORMATION

ENVIRONMENTAL EFFECTS

Do not allow product or runoff from fire control to enter storm or sanitary sewers, lakes, rivers, streams, or public waterways. Block off drains and ditches. Provincial and federal regulations may require that environmental and/or other agencies be notified of a spill incident. Spill area must be cleaned and restored to original condition or to the satisfaction of authorities.

SECTION XIII: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL

This product is not listed as hazardous waste. Consult local, state, provincial or territory authorities to know disposal methods. Do not dispose of waste in sewers systems.

SECTION XIV: TRANSPORT INFORMATION

Not regulated.

SECTION XV: REGULATORY INFORMATION

DSL: All constituents of this product are included on the Domestic Substances List (DSL – Canada)

TSCA: All constituents of this product are included on the Toxic Substances Control Act Inventory (TSCA – United States).

Prop. 65: This product does not contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

SECTION XVI: OTHER INFORMATION

GLOSSARY

ACGIH:	American Conference of Governmental Industrial Hygienists
ANSI:	American National Standards Institute
ASTM:	American Society for Testing and Materials
CAS:	Chemical Abstract Services
CFR :	Code of Federal Regulations (United States)
CSA:	Canadian Standardisation Association
DOT:	Department of Transportation (United States)
DSL:	Domestic Substances List (Canada)
EPA:	Environmental Protection Agency (United States)
GHS	Globally Harmonized System
IARC:	International Agency for Research on Cancer
LD₅₀/LC₅₀:	Less high lethal dose and lethal concentration published
NIOSH:	National Institute for Occupational Safety and Health
NTP:	National Toxicology Program
OSHA:	Occupational Safety & Health Administration (United States)
RCRA:	Resource Conservation and Recovery Act (United States)
TDG:	Transportation of Dangerous Goods
TLV-TWA:	Threshold Limit Value – Time-Weighted Average
TSCA:	Toxic Substances Control Act (United States)

Reference:

(1) Supplier's MSDS.

Code of MSDS: Not assigned
For information: 1 800 567-1492

Justification of the update:

- New product

This MSDS contains all the information required by ANSI Z-400.1-1998 standard (United States), by regulation 29 CFR Part 1910.1200 of the Hazard Communication Standard of OSHA, and is in accordance with standard DORS/88-66 OF WHMIS Canada.

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

SAFETY DATA SHEET
ALSAN CAP E BASE

Offerte en français

GHS	PROTECTIVE CLOTHING	TRANSPORT OF DANGEROUS GOODS
		
		ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S. Class 9 UN 3082 P.G.: III

SECTION I: IDENTIFICATION

Use: Blend of epoxy resin and inorganic fillers

Distributor:
SOPREMA Middle East
Dubai Airport Free Zone
Dubai - UAE
6EA 724
Tel.: +971 4 609 1661

In case of emergency:
SOPREMA (8:00am to 5:00pm): +971 4 6091661

SECTION II: HAZARD(S) IDENTIFICATION

WARNING

Causes skin irritation. May cause an allergic skin reaction.

Wash hands thoroughly after handling. Wear protective gloves. Avoid breathing vapours. Contaminated work clothing must not be allowed out of the workplace. Dispose of container in accordance with local, regional and national regulations.

SECTION III: COMPOSITION AND INFORMATION ON HAZARDOUS INGREDIENTS

NAME	CAS #	% WEIGHT	EXPOSURE LIMIT (ACGIH)	
			TLV-TWA	TLV-STEL
Reaction product: bisphenol-A-(epichlorhydrin), epoxy resin	25068-38-6	60-100	Not established	Not established
Alkyl (C12, C14) glycidyl ether	68609-97-2	10-30	Not established	Not established

SECTION IV: FIRST-AID MEASURES

SKIN CONTACT

Wash with plenty of water. If skin irritation or rash occurs: Get medical advice. Take off contaminated clothing and wash it before reuse.

EYE CONTACT

Check for and remove contact lenses if any. Flush thoroughly with water for at least 15 minutes. If irritation persists, get medical attention.

INHALATION

In case of gas or vapour inhalation, move victim to fresh air. If breathing is difficult, give oxygen. If breathing stops, give respiratory assistance. Obtain medical assistance.

SWALLOWING

Do not induce vomiting. Immediately contact local poison control centre. Should vomiting occur, be sure to keep the victim's head below hips to avoid aspiration of vomit into the lungs. Maintain the victim at rest and obtain immediate medical attention.

FIRE AND EXPLOSION HAZARDS

Not available.

COMBUSTION PRODUCTS

Irritating and/or toxic gases or fumes may be generated by thermal decomposition or combustion.

FIRE FIGHTING INSTRUCTIONS

Evacuate area. Wear self-contained breathing apparatus and appropriate protective clothing in accordance with standards. Approach fire from upwind and fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Always stay away from containers because of the high risk of explosion. Stop leak before attempting to put out the fire. If leak cannot be stopped, and if there is no risk to the surrounding area, let the fire burn itself out. Move containers from fire area if this can be done without risk. Cool containers with flooding quantities of water until well after fire is out.

EXTINGUISHING MEDIA

Foam anti-alcohol or universal, dry chemical powder, CO₂, foam.

SECTION V: FIRE-FIGHTING MEASURES

FLAMMABILITY: Class IIIB (NFPA)
EXPLOSION DATA: Sensitivity to mechanical impact: no
 Sensitivity to static charge: no
FLASH POINT: >150°C (>300°F)
AUTO-IGNITION TEMPERATURE: Not available
FLAMMABILITY LIMITS IN AIR: (% in volume) Not available

SECTION VI: ACCIDENTAL RELEASE MEASURES

RELEASE OR SPILL

Ventilate area. Wear appropriate protective equipment during cleanup. Eliminate all sources of ignition. Shut off source of leak if you can do it without risk. Contain the spill. Absorb or cover with absorbent material, dry earth, sand or other non-combustible material and transfer to containers. Sweep or shovel into containers with lids. Cover and remove to appropriate well ventilated area until disposal. Do not touch

or walk through spilled material. Wash spill area with soap and water. Prevent entry into waterways, sewers, basements or confined areas.

SECTION VII: HANDLING AND STORAGE

HANDLING

This product is toxic. Avoid contact with eyes, skin and clothing. Do not ingest. Avoid breathing mist, vapour or dust. Wash thoroughly after handling. Persons with antecedents of asthma, chronic or periodic respiratory disorders should never manipulate this product. Before handling, it is very important that ventilation controls are operating and protective equipment requirements are being followed. People working with this product should be properly trained regarding its hazards and its safe use. Eliminate all ignition sources (e.g. sparks, open flames, hot surfaces). Keep away from heat. Tightly reseal all partially used containers. Do not cut, puncture or weld empty containers.

STORAGE

Store containers in a cool well-ventilated area out of direct sunlight and away from humidity, heat and ignition sources. Keep storage areas clear of combustible materials. No smoking near storage area. Store away from incompatible materials. Store the product according to occupational health and safety regulations and fire and building codes. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks. Have appropriate fire extinguishers and spill clean-up equipment near storage area. Inspect all containers to make sure they are properly labelled.

SECTION VIII: EXPOSURE CONTROLS / PERSONAL PROTECTION

HANDS: Wear impervious gloves.

RESPIRATORY: If the TLV is exceeded, if use is performed in a poorly ventilated confined area, use an approved respirator in accordance with standards.

EYES: Wear chemical safety glasses in accordance with standards.

OTHERS: Eye bath and safety shower.

CONTROL OF VAPOURS: Local exhaust is needed to control vapour and dust level to below recommended limits.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid
ODOUR AND APPEARANCE:	Clear liquid with faint odour
ODOUR THRESHOLD:	Not available
VAPOUR DENSITY (air = 1):	Not available
EVAPORATION RATE (Butyl acetate = 1):	Not available
BOILING POINT (760 mm Hg):	Not available
FREEZING POINT:	Not available
SPECIFIC GRAVITY (H₂O = 1):	1.13
SOLUBILITY IN WATER (20°C):	Not soluble
VOLATILE ORGANIC COMPOUND (V.O.C.):	Not available
VISCOSITY:	Not available

SECTION X: STABILITY AND REACTIVITY

STABILITY: This material is stable at handling and storage conditions recommended under the section VII.

CONDITIONS OF REACTIVITY: Avoid excessive heat. Exposed to high temperatures this product can emit dangerous decomposition products, such as fumes.

INCOMPATIBILITY: Keep away from strong acids, alkalis, and oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: carbon monoxide, irritant fumes.

HAZARDOUS POLYMERISATION: None

SECTION XI: TOXICOLOGICAL INFORMATION

There are no data available on the preparation itself. This has been assessed following the conventional method of the Preparation Directive 1999/45/EC and classified for toxicological hazards accordingly.

Based on the properties of the epoxy constituent(s) and considering toxicological data on similar preparations, this product may be a skin sensitizer and irritant. May produce allergic reactions.

SECTION XII: ECOLOGICAL INFORMATION

ENVIRONMENTAL EFFECTS

Do not allow product or runoff from fire control to enter storm or sanitary sewers, lakes, rivers, streams, or public waterways. Block off drains and ditches. Provincial and federal regulations may require that environmental and/or other agencies be notified of a spill incident. Spill area must be cleaned and restored to original condition or to the satisfaction of authorities. May be harmful to aquatic life.

SECTION XIII: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL

This product is listed as hazardous waste. Consult local, state, provincial or territory authorities to know disposal methods. Also listed as hazardous waste by the RCRA (USA); waste disposal as to follow EPA regulations. Do not dispose of waste with normal garbage or sewers systems.

SECTION XIV: TRANSPORT INFORMATION

CLASSIFICATION (TDG - DOT): Class 9

IDENTIFICATION NUMBER: UN 3082

SHIPPING NAME: Environmentally hazardous substance, liquid, N.O.S.

PACKING GROUP: III

CONTAINERS FOLLOW THE STANDARDS.

SECTION XV: REGULATORY INFORMATION

DSL: All constituents of this product are included on the Domestic Substances List (DSL – Canada)

TSCA: All constituents of this product are included on the Toxic Substances Control Act Inventory (TSCA – United States).

Prop. 65: This product does not contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

SECTION XVI: OTHER INFORMATION

GLOSSARY

ACGIH:	American Conference of Governmental Industrial Hygienists
ANSI:	American National Standards Institute
ASTM:	American Society for Testing and Materials
CAS:	Chemical Abstract Services
CFR :	Code of Federal Regulations (United States)
CSA:	Canadian Standardisation Association
DOT:	Department of Transportation (United States)
DSL:	Domestic Substances List (Canada)
EPA:	Environmental Protection Agency (United States)
GHS	Globally Harmonized System
IARC:	International Agency for Research on Cancer
LD₅₀/LC₅₀:	Less high lethal dose and lethal concentration published
NIOSH:	National Institute for Occupational Safety and Health
NTP:	National Toxicology Program
OSHA:	Occupational Safety & Health Administration (United States)
RCRA:	Resource Conservation and Recovery Act (United States)
TDG:	Transportation of Dangerous Goods

TLV-TWA: Threshold Limit Value – Time-Weighted Average
TSCA: Toxic Substances Control Act (United States)

Reference:

(1) Supplier's MSDS.

Code of MSDS: Not assigned
For information: 1 800 567-1492

Justification of the update:

- New product

This MSDS contains all the information required by ANSI Z-400.1-1998 standard (United States), by regulation 29 CFR Part 1910.1200 of the Hazard Communication Standard of OSHA, and is in accordance with standard DORS/88-66 OF WHMIS Canada.

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

SAFETY DATA SHEET
ALSAN CAP E HARDENER

Offerte en français

GHS	PROTECTIVE CLOTHING	TRANSPORT OF DANGEROUS GOODS
		 <p>POLYAMINES, LIQUID, CORROSIVE, N.O.S. Class 8 UN 2735 P.G.: I</p>

SECTION I: IDENTIFICATION

Use: Epoxy hardener, diluents and inorganic fillers mixture.

Distributor:
SOPREMA Middle East
Dubai Airport Free Zone
Dubai - UAE
6EA 724
Tel.: +971 4 609 1661

In case of emergency:
SOPREMA (8:00am to 5:00pm): +971 4 6091661

SECTION II: HAZARD(S) IDENTIFICATION

DANGER

Harmful if swallowed. Harmful if inhaled. Causes severe skin burns and eye damage. May cause an allergic skin reaction

Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid breathing vapours. Use only outdoors or in a well ventilated area. Wear protective gloves and eye protection. Store locked up. Contaminated work clothing must not be allowed out of the workplace. Wash contaminated clothing before reuse. Dispose of container in accordance with local, regional and national regulations.

SECTION III: COMPOSITION AND INFORMATION ON HAZARDOUS INGREDIENTS

NAME	CAS #	% WEIGHT	EXPOSURE LIMIT (ACGIH)	
			TLV-TWA	TLV-STEL
Benzyl alcohol	100-51-6	30-60	Not established	Not established
Isophorone diamine	2855-13-2	10-30	Not established	Not established

SECTION IV: FIRST-AID MEASURES

SKIN CONTACT

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

EYE CONTACT

Take off immediately all contaminated clothing. Wash with plenty of water. If skin irritation or rash occurs: Get medical attention.

INHALATION

Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center.

SWALLOWING

Immediately call a poison center. Rinse mouth. Do NOT induce vomiting.

SECTION V: FIRE-FIGHTING MEASURES

FLAMMABILITY: Class IIIB (NFPA)
EXPLOSION DATA: Sensitivity to mechanical impact: no
Sensitivity to static charge: no
FLASH POINT: >150°C (>300°F)
AUTO-IGNITION TEMPERATURE: Not available
FLAMMABILITY LIMITS IN AIR: (% in volume) Not available

FIRE AND EXPLOSION HAZARDS

Not available.

COMBUSTION PRODUCTS

Irritating and/or toxic gases or fumes may be generated by thermal decomposition or combustion.

FIRE FIGHTING INSTRUCTIONS

Evacuate area. Wear self-contained breathing apparatus and appropriate protective clothing in accordance with standards. Approach fire from upwind and fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Always stay away from containers because of the high risk of explosion. Stop leak before attempting to put out the fire. If leak cannot be stopped, and if there is no risk to the surrounding area, let the fire burn itself out. Move containers from fire area if this can be done without risk. Cool containers with flooding quantities of water until well after fire is out.

EXTINGUISHING MEDIA

Foam anti-alcohol or universal, dry chemical powder, CO₂, foam.

SECTION VI: ACCIDENTAL RELEASE MEASURES

RELEASE OR SPILL

Ventilate area. Wear appropriate protective equipment during cleanup. Eliminate all sources of ignition. Shut off source of leak if you can do it without risk. Contain the spill. Absorb or cover with absorbent material, dry earth, sand or other non-combustible material and transfer to containers. Sweep or shovel into containers with lids. Cover and remove to appropriate well ventilated area until disposal. Do not touch or walk through spilled material. Wash spill area with soap and water. Prevent entry into waterways, sewers, basements or confined areas.

SECTION VII: HANDLING AND STORAGE

HANDLING

This product is toxic. Avoid contact with eyes, skin and clothing. Do not ingest. Avoid breathing mist, vapour or dust. Wash thoroughly after

handling. Persons with antecedents of asthma, chronic or periodic respiratory disorders should never manipulate this product. Before handling, it is very important that ventilation controls are operating and protective equipment requirements are being followed. People working with this product should be properly trained regarding its hazards and its safe use. Eliminate all ignition sources (e.g. sparks, open flames, hot surfaces). Keep away from heat. Tightly reseal all partially used containers. Do not cut, puncture or weld empty containers.

STORAGE

Store containers in a cool well-ventilated area out of direct sunlight and away from humidity, heat and ignition sources. Keep storage areas clear of combustible materials. No smoking near storage area. Store away from incompatible materials. Store the product according to occupational health and safety regulations and fire and building codes. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks. Have appropriate fire extinguishers and spill clean-up equipment near storage area. Inspect all containers to make sure they are properly labelled.

SECTION VIII: EXPOSURE CONTROLS / PERSONAL PROTECTION

HANDS: Wear impervious gloves.

RESPIRATORY: If the TLV is exceeded, if use is performed in a poorly ventilated confined area, use an approved respirator in accordance with standards.

EYES: Wear chemical safety glasses in accordance with standards.

OTHERS: Eye bath and safety shower.

CONTROL OF VAPOURS: Local exhaust is needed to control vapour and dust level to below recommended limits.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid
ODOUR AND APPEARANCE:	Amber liquid with amine odour
ODOUR THRESHOLD:	Not available
VAPOUR DENSITY (air = 1):	Not available
EVAPORATION RATE (Butyl acetate = 1):	Not available
BOILING POINT (760 mm Hg):	Not available
FREEZING POINT:	Not available
SPECIFIC GRAVITY (H₂O = 1):	1.00
SOLUBILITY IN WATER (20°C):	Soluble
VOLATILE ORGANIC COMPOUND (V.O.C.):	Not available
VISCOSITY:	Not available

SECTION X: STABILITY AND REACTIVITY

STABILITY: This material is stable at handling and storage conditions recommended under the section VII.

CONDITIONS OF REACTIVITY: Avoid excessive heat. Exposed to high temperatures this product can emit dangerous decomposition products, such as fumes.

INCOMPATIBILITY: Keep away from strong acids, alkalis, and oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: carbon monoxide, irritant fumes.

HAZARDOUS POLYMERISATION: None

SECTION XI: TOXICOLOGICAL INFORMATION

There are no data available on the preparation itself. This has been assessed following the conventional method of the Preparation Directive 1999/45/EC and classified for toxicological hazards accordingly.

Based on the properties of the epoxy constituent(s) and considering toxicological data on similar preparations, this product may be a skin sensitizer and irritant. May produce allergic reactions. May cause damage to eyes.

SECTION XII: ECOLOGICAL INFORMATION

ENVIRONMENTAL EFFECTS

Do not allow product or runoff from fire control to enter storm or sanitary sewers, lakes, rivers, streams, or public waterways. Block off drains and ditches. Provincial and federal regulations may require that environmental and/or other agencies be notified of a spill incident. Spill area must be cleaned and restored to original condition or to the satisfaction of authorities. May be harmful to aquatic life.

SECTION XIII: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL

This product is listed as hazardous waste. Consult local, state, provincial or territory authorities to know disposal methods. Also listed as hazardous waste by the RCRA (USA); waste disposal as to follow EPA regulations. Do not dispose of waste with normal garbage or sewers systems.

SECTION XIV: TRANSPORT INFORMATION

CLASSIFICATION (TDG - DOT): Class 8

IDENTIFICATION NUMBER: UN 2735

SHIPPING NAME: Polyamines, liquid, corrosive, N.O.S.

PACKING GROUP: III

CONTAINERS FOLLOW THE STANDARDS.

SECTION XV: REGULATORY INFORMATION

DSL: All constituents of this product are included on the Domestic Substances List (DSL – Canada)

TSCA: All constituents of this product are included on the Toxic Substances Control Act Inventory (TSCA – United States).

Prop. 65: This product does not contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

SECTION XVI: OTHER INFORMATION

GLOSSARY

ACGIH:	American Conference of Governmental Industrial Hygienists
ANSI:	American National Standards Institute
ASTM:	American Society for Testing and Materials
CAS:	Chemical Abstract Services
CFR :	Code of Federal Regulations (United States)
CSA:	Canadian Standardisation Association
DOT:	Department of Transportation (United States)
DSL:	Domestic Substances List (Canada)
EPA:	Environmental Protection Agency (United States)
GHS	Globally Harmonized System
IARC:	International Agency for Research on Cancer
LD₅₀/LC₅₀:	Less high lethal dose and lethal concentration published
NIOSH:	National Institute for Occupational Safety and Health
NTP:	National Toxicology Program
OSHA:	Occupational Safety & Health Administration (United States)
RCRA:	Resource Conservation and Recovery Act (United States)
TDG:	Transportation of Dangerous Goods
TLV-TWA:	Threshold Limit Value – Time-Weighted Average
TSCA:	Toxic Substances Control Act (United States)

Reference:

(1) Supplier's MSDS.

Code of MSDS:

Not assigned

For information:

1 800 567-1492

Justification of the update:

- New product

This MSDS contains all the information required by ANSI Z-400.1-1998 standard (United States), by regulation 29 CFR Part 1910.1200 of the Hazard Communication Standard of OSHA, and is in accordance with standard DORS/88-66 OF WHMIS Canada.

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.