CORCHEM®

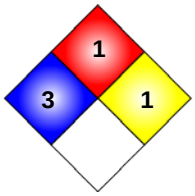
(M)SDS
SAFETY DATA SHEET

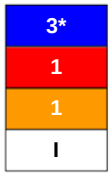
SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

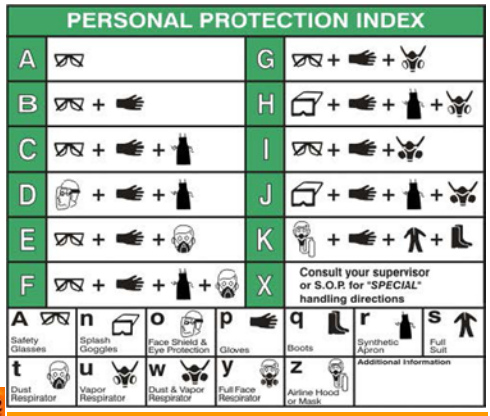
GHS Product Code:	C261-B-0C0
Product Name:	CORCHEM® 261 EPOXY FLAKE COATING, COMPONENT B, COLOR: CLEAR
Recommended Use:	INDUSTRIAL PROTECTIVE COATING/LINING
Restrictions on Use:	INTENDED FOR PROFESSIONAL USE ONLY
Manufacturer:	CORCHEM MANUFACTURING, INC.
Address:	1227 SOUTH MURPHY STREET ODESSA TEXAS, 79766-8811 USA
Emergency phone:	INFOTRAC: +1-352-323-3500 (TOLL-FREE IN THE US: 800-535-5053)
Revision:	3-03122015

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW







2012 ERG GUIDEBOOK # 154

GHS Classification

Category 1	Serious eye damage Skin sensitization
Category 1B	Skin corrosion
Category 2	Acute toxicity, Inhalation Carcinogenicity Reproductive toxicity Specific target organ toxicity – repeated exposure, Inhalation Specific target organ toxicity – repeated exposure, Oral
Category 3	Acute toxicity, Inhalation Acute toxicity, Dermal Acute toxicity, Oral Specific target organ toxicity - single exposure

GHS Label elements, including precautionary statements

Hazard Pictograms

Signal word: Danger

GHS Hazard statement(s)

H301 + H311 + 331	Toxic if swallowed, in contact with skin, or if inhaled.
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.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H351:	Suspected of causing cancer.

H361	Suspected of damaging fertility or the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure if swallowed.

GHS Precautionary statement(s)

P101:	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103:	Read label before use.
P202:	Do not handle until all safety precautions have been read and understood.
P234:	Keep only in original container.
P260:	Do not breathe dust/fume/gas/mist/vapors/spray.
P262:	Do not get in eyes, on skin, or on clothing.
P264:	Wash thoroughly after handling.
P270:	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272:	Contaminated work clothing should not be allowed out of the workplace.
P273:	Avoid release to the environment.
P280:	Wear protective gloves/protective clothing/eye protection/face protection.
P281	Use personal protective equipment as required.
P284:	Wear respiratory protection.
P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor / physician if you feel unwell.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P314	Get medical advice/attention if you feel unwell.
P330	Rinse mouth.
P337 + P313	If eye irritation persists: Get medical advice / attention.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P411:	Store at temperatures between 40°F and 100°F (5°C and 35°C).
P501	Disposal: Dispose of contents / container in accordance with local / regional regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	CAS No.	% (by Weight)
4,4'-Isopropylidenediphenol	80-05-7	<10
2-Furan carbinol	98-00-00	>15
Benzenemethanol	100-51-6	<15
Diethylenetriamine	111-40-0	>25
1,3-Bis(aminomethyl)benzene	1477-55-0	<25
CBI Additives [not regulated by GHS, DOT, IMDG, or IATA]	MIXTURE	<10

SECTION 4: FIRST AID MEASURES

Inhalation

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If not breathing, if breathing is irregular, or if respiratory arrest occurs, artificial respiration or oxygen should be administered by trained personnel only. It may be dangerous to provide mouth-to-mouth resuscitation. Keep person warm and quiet; seek immediate medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain open airway. Loosen tight clothing such as a collar, tie, belt, or waistband. Get medical attention if adverse health effects persist or are severe.

Skin

Remove contaminated clothing. Flush exposed area with large amounts of water. If skin is damaged, initiate and maintain continuous irrigation until patient receives medical care. If medical care is not promptly available, continue to irrigate for one hour. Cover wound with sterile dressing, seek immediate medical attention. If skin is not damaged and symptoms persist, avoid further exposure, seek medical attention. Launder clothing before reuse.

Eyes

If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 30 minutes while holding eyelids open; seek immediate medical attention.

Ingestion

Seek immediate medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

Protection of first aid personnel

No action shall be taken involving any personal risk without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, wear gloves.

Notes to Physicians or First Aid providers

No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, dry chemicals, dry sand, Limestone powder.

Specific hazards and by-products from combustion

May generate ammonia gas. May generate toxic nitrogen oxide gases. Burning produces noxious and toxic fumes. **Downwind personnel must be evacuated**. Decomposition products may be toxic and include the following materials: carbon dioxide, carbon monoxide, and various hydrocarbons. Fumes and vapors from the thermal and chemical decompositions vary widely in combustion and toxicity. Do not allow runoff from firefighting to enter drains or waterways. Fire residues and contaminated fire extinguishing water must ne disposed of in accordance with local regulations.

Special protective equipment and precautions for fire-fighters

Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA).

Flash Point

Estimated: >200°F (>93°C)

Explosive Limit

Not Established

Autoignition Temperature

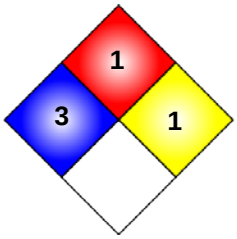
Not Established

Fire and Explosion Hazards

In a fire or if heated, a pressure increase will occur and the container may burst.

NFPA Rating

Health:	3
Flammability:	1
Reactivity:	1
Special:	



SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions

No action shall be taken involving personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see section 8).

Environmental Precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air).

Small Spill

Stop leak if without risk. Dilute with water and mop up if water soluble or absorb liquid with a dry, inert, non-combustible, absorbent material such as: sand, diatomaceous earth, vermiculite, or other absorbent material. Persons not wearing proper personal protective equipment should be excluded from area of spill.

Large Spill

Stop leak if without risk. Move containers from spill area. Prevent run-off to sewers, water courses basements, or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with a dry, inert, non-combustible, absorbent material such as: sand, diatomaceous earth, vermiculite, or other absorbent material and place in container for disposal according to local regulations (see section 13). Dispose via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. If run-off occurs, notify proper authorities as required, that a spill has occurred. Note: see section 1 for emergency contact information and section 13 for waste disposal.

SECTION 7: HANDLING AND STORAGE

Handling

Wear appropriate personnel protective equipment (see section 8). Eating, Drinking, and smoking should be prohibited in areas where this material is handled, stored, and processed. Workers should wash hands and face prior to eating, drinking, and smoking. Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Storage

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool, well-ventilated area, away from incompatible materials (see section 10), food and drink. Keep container tightly closed and sealed until ready to use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Other Precautions

Consult local, state and federal hazardous waste regulators before disposing of waste materials.

Can cause skin irritation, eye irritation, and allergic skin reaction. Avoid contact with eyes, skin, and clothing. Wash thoroughly after using. **DO NOT TAKE INTERNALLY! HARMFUL IF SWALLOWED! FOR PROFESSIONAL USE ONLY.** Use protective skin cream such as FEND2 (MSA) where skin contact is likely. Prevent prolonged or repeated breathing of vapor, or spray mists. Liquid penetrated shoes and leather, causing delayed irritation or skin reactions. **KEEP OUT OF REACH OF CHILDREN. DO NOT HANDLE UNTIL THE MANUFACTURER'S INSTRUCTIONS AND SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD!** Contact manufacturer if further information is required.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection

Chemical splash goggles and face shield in compliance with OSHA regulations are advised for eye protection.

Skin Protection

To prevent repeated or prolonged skin contact, wear appropriate safety garments such as impervious gloves, head/neck covers, aprons, jackets, pants, coveralls, and boots.

Respiratory Protection

When utilizing this material wear a NIOSH approved cartridge respirator or gas mask suitable to keep airborne mists and vapor concentration below the time-weighted threshold limit values. **WHEN USING IN POORLY VENTILATED OR CONFINED SPACES, USE A FRESH-AIR SUPPLYING RESPIRATOR OR A SELF-CONTAINED BREATHING APPARATUS.**

Engineering Controls

Use explosion-proof suction type exhaust fans and blowers with sufficient CFM capacity to keep solvent vapors below 20% of the explosive limit.

Provide sufficient mechanical ventilation to maintain exposure below TLV(s).

Exposure Guidelines

Consult local authorities for acceptable exposure limits

Other Protective Clothing or Equipment

Use protective barrier creams on exposed skin areas.

Work Hygienic Practices

As with all products of this nature, good personal hygiene is essential. Hands and other exposed areas should be washed thoroughly with soap and water after contact, and before eating, drinking, using tobacco products or restrooms. Regular laundering of contaminated clothing is essential to reduce indirect skin contact with this material.

Exposure Limits

Component(s)	Basis	Authority	Control Parameters	
4,4'-Isopropylidenediphenol	Threshold Limit Value (TLV):	ACGIH	–	–
4,4'-Isopropylidenediphenol	Recommended Exposure Limit (REL):	NIOSH	–	–
4,4'-Isopropylidenediphenol	Time Weighted Average (TWA):	OSHA Z1	–	–
2-Furan carbinol	Permissible Exposure Limit (PEL):	OSHA Z1	50 ppm	200 mg/m^3
2-Furan carbinol	Time Weighted Average (TWA):	OSHA Z1A	10 ppm	40 mg/m^3
2-Furan carbinol	Short Term Exposure Limit (STEL):	OSHA Z1A	15 ppm	60 mg/m^3
2-Furan carbinol	Time Weighted Average (TWA):	ACGIH	10 ppm	40 mg/m^3
2-Furan carbinol	Short Term Exposure Limit (STEL):	ACGIH	15 ppm	60 mg/m^3
2-Furan carbinol	Time Weighted Average (TWA):	NIOSH	10 ppm	40 mg/m^3
2-Furan carbinol	Recommended Exposure Limit (REL):	NIOSH	10 ppm	40 mg/m^3
2-Furan carbinol	Short Term Exposure Limit (STEL):	NIOSH	15 ppm	60 mg/m^3
Benzenemethanol	Time Weighted Average (TWA):	WEEL	10 ppm	44 mg/m^3
Diethylenetriamine	Time Weighted Average (TWA):	OSHA Z1A	1 ppm	4 mg/m^3
Diethylenetriamine	Recommended Exposure Limit (REL):	NIOSH	1 ppm	4 mg/m^3
Diethylenetriamine	Threshold Limit Value (TLV):	ACGIH	1 ppm	4 mg/m^3
1,3-Bis(aminomethyl)benzene	Threshold Limit Value (TLV):	ACGIH	CEIL	0.1 mg/m^3
1,3-Bis(aminomethyl)benzene	Recommended Exposure Limit (REL):	NIOSH	CEIL	0.1 mg/m^3
1,3-Bis(aminomethyl)benzene	Time Weighted Average (TWA):	OSHA Z1A	CEIL	0.1 mg/m^3

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.):	Viscous amber liquid
Odor:	Fishy, amine like.
Odor Threshold:	Not available.
Ph:	Alkaline.
Melting Point / Freezing Point:	Not available.
Initial Boiling Point and Range:	>200°F (93°C)
Flash Point:	>203°F (95°C)
Evaporation Rate:	Slower than Ether.
Flammability (solid, gas):	Not applicable.
Upper/Lower flammability or explosive limits:	Not available.
Vapor Pressure:	1.50 mmHg @ 70°F (21°C)
Vapor Density:	68.047 lb/ft^3 (1.09 $g.m^3$) 70°F (21°C)
Relative Density (water = 1):	1.09
Solubility:	Insoluble in water.
Partition coefficient: *n*- octanol/water:	Not available.
Auto-ignition temperature:	Not available.
Decomposition Temperature:	Not available.
Volatile Organic Compounds (VOC):	0.00
Percent solids by weight:	100.00
Percent solids by volume:	100.00
Specific Gravity:	1.090 @ @ 70°F (21°C)
Weight per gallon:	9.090 @ 70°F (21°C)

SECTION 10: STABILITY AND REACTIVITY

Hazardous Polymerization:

None under normal conditions.

Hazardous Decomposition or By-Products

Nitric acid, Ammonia, Nitrogen oxides (NOx), Nitrogen oxide can react with water vapors to form corrosive nitric acid, Carbon monoxide, Carbon dioxide (CO2), Aldehydes, Flammable hydrocarbon fragments, Nitrosamine, Organic acid vapors.

Chemical Stability

Stable under normal conditions.

Incompatibility (Material to Avoid)

Amines, Incompatible with bases, Reducing agents, Oxidizing agents, Nitrous acid and other nitrosating agents, Organic acids (i.e. acetic acid, citric acid etc.), Mineral acids, Sodium hypochlorite, Reactive metals (e.g. sodium, calcium, zinc etc.), Materials reactive with hydroxyl compounds.

CAUTION! N-Nitrosamines, many of which are known to be potent carcinogens, may be formed when the product comes in contact with nitrous acid, nitrites or atmospheres with high nitrous oxide concentrations. Product slowly corrodes copper, aluminum, zinc and galvanized surfaces. Reaction with peroxides may result in violent decomposition of peroxide possibly creating an explosion.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological Information

Likely routes of exposure and potential health effects

Inhalation: Toxic in inhaled, can cause severe respiratory tract burns. May cause central nervous system effects, such as headache, nausea, dizziness, confusion, breathing difficulties. Severe cases of overexposure can result in respiratory failure. May cause nose, throat, and lung irritation.

Skin: Toxic in contact with skin, causes skin burns. If absorbed through the skin, may cause central nervous system effects, such as, nausea, dizziness, confusion, breathing difficulties. Symptoms of overexposure may include headache, dizziness, tiredness, nausea, and vomiting.

Eyes: Causes eye burns, may cause blindness, or severe eye irritation.

Ingestion: Harmful if swallowed, If ingested, severe burns of the mouth, throat, as well as a danger of perforation of the esophagus and the stomach. May cause central nervous system effects, such as, headache, nausea, vomiting, abdominal pain, dizziness, confusion, breathing difficulties. Severe cases of overexposure can result in respiratory failure.

Acute Toxicity Data

Product/ingredient name	Method	Species	Dose	Exposure	Result
4,4'-Isopropylidenediphenol	LD_{50} Inhalation	Rat	170 mg/m^3	–	–
4,4'-Isopropylidenediphenol	LC_{50} Oral	Rat	<5,000 mg/kg	–	–
4,4'-Isopropylidenediphenol	LD_{50} Dermal	Rabbit	>5,000 mg/kg	4 hr.	No irritation
2-Furan carbinol	LD_{50} Inhalation	Rat	233 ppm	4 hr.	–
2-Furan carbinol	LC_{50} Oral	Rat	>2.000 mg/kg	–	–
2-Furan carbinol	LD_{50} Dermal	Rabbit	400 mg/kg	–	–
Benzenemethanol	LC_{50} Inhalation	Rat	No data available	–	–
Benzenemethanol	LC_{50} Oral	Rat	1.2 mg/kg	4 hr	Somnolence
Benzenemethanol	LD_{50} Dermal	Rabbit	No data available	–	–
Diethylenetriamine	LC_{50} Inhalation	Rat	>0.03 mg/l	4 h	Acute edema
Diethylenetriamine	LC_{50} Oral	Rat	>2,000 mg/kg	–	Seizure
Diethylenetriamine	LD_{50} Dermal	Rabbit	>1,000 mg/kg	–	–
1,3-Bis(aminomethyl)benzene	LC_{50} Inhalation	Rat	>700 ppm	1 h	Resp. disorder
1,3-Bis(aminomethyl)benzene	LD_{50} Oral	Rat	>900 mg/kg	–	–
1,3-Bis(aminomethyl)benzene	LD_{50} Dermal	Rabbit	>2,000 mg/kg	–	–

Potential chronic health effects

Chronic Health Hazard

Chronic inhalation of a component or components of this product produced tumors in the nose and kidneys of laboratory animals. A component or components of this product was mutagenic in a cultured mammalian cell assay. In vitro tests have shown mutagenic effects on bacterial cultures. A component has been shown to cause reproductive/teratogenic effects in laboratory animals. Mixed polycycloaliphatic amines were tested in rats for systemic effects in a subchronic (28-day) oral study at doses ranging from 15 to 300 mg/kg/day. Effects seen at 300 mg/kg/day included decreased survival, decreased body weight gain, increased liver, kidney, and adrenal weights and histological changes in the liver, kidney, adrenals and spleen. The No-Observed-Adverse-Effect-Level (NOAEL) was 15 mg/kg/day.

Chronic effects: Once sensitized, a severe allergic reaction may occur when subsequently exposed.

Target organs: Respiratory system, skin, eyes, liver, kidney, pancreas, spleen.

Carcinogenicity: No known significant effects or critical hazards on the product itself

Mutagenicity: No known significant effects or critical hazards on the product itself.

Teratogenicity: No known significant effects or critical hazards on the product itself.

Fertility effects: No known significant effects or critical hazards on the product itself.

Developmental effects No known significant effects or critical hazards on the product itself.

Medical conditions aggravated by over- exposure: Pre-existing respiratory or skin disorders may be aggravated by over-exposure to this product.

SECTION 12: ECOLOGICAL INFORMATION

Ecological Information

Environmental affects No data on specific product itself.

Aquatic ecotoxicity No data on specific product itself.

Ecotoxicity

Aquatic

Toxicity to Fish

Product/ingredient name	Test	Species	Dose	Exposure
4,4'-Isopropylidenediphenol	LC_{50}	Cyprinodon variegatus (sheepshead minnow)	>10 mg/l	96 h
2-Furan carbinol	LC_{50}	Pimephales promelas (fathead minnow)	32 mg/l	96 h
Benzenemethanol	LC_{50}	Pimephales promelas (fathead minnow)	460 mg/l	96 h
Diethylenetriamine	LC_{50}	Poecillia reticulate (guppy)	>1000 mg/l	96 h
1,3-Bis(aminomethyl)benzene	LC_{50}	Onocorhynchus mykiss (rainbow trout)	>100 mg/l	96 h

Toxicity to aquatic invertebrates

Product/ingredient name	Test	Species	Dose	Exposure
4,4'-Isopropylidenediphenol	EC_{50}	Daphnia magna (water flea)	>10 mg/l	48 h
2-Furan carbinol	EC_{50}	No data available	–	–
Benzenemethanol	EC_{50}	Daphnia magna (water flea)	230 mg/l	48 h
Diethylenetriamine	EC_{50}	No data available	–	–
1,3-Bis(aminomethyl)benzene	EC_{50}	Pseudokirchneriella subcapitata (green algae)	>3 mg/l	96 h

Persistence and degradability

Product/ingredient name	Test	Concentration	Result
4,4'-Isopropylidenediphenol	Aerobic	89.00%	Readily biodegradable
2-Furan carbinol	No data available	–	–
Benzenemethanol	Biotic/Aerobic	96.00%	Readily biodegradable
Diethylenetriamine	No data available	–	–
1,3-Bis(aminomethyl)benzene	Biotic/Aerobic	0.40%	Not readily biodegradable

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Other adverse affects

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

SECTION 13: DISPOSAL CONSIDERATIONS

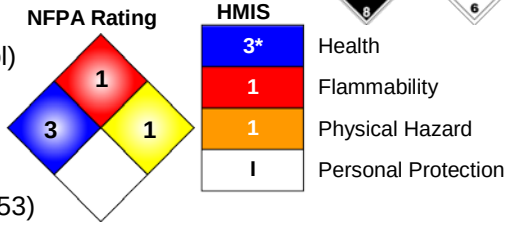
Waste Disposal Method

Consult local, state and federal hazardous waste regulators before disposing of waste materials. The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions, and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers. DISPOSE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS ONLY.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

Proper Shipping Name	Corrosive, liquid, toxic, n.o.s. (Mixed Cycloaliphatic amines, furfuryl alcohol)
Hazard Class	8 (6.1)
ID Number	UN 2922
Packing Group	III
Emergency Phone	+1-352-323-3500 (US Toll Free: 800-535-5053)



TRANSPORT CANADA

Proper Shipping Name	Corrosive, liquid, toxic, n.o.s. (Mixed Cycloaliphatic amines, furfuryl alcohol)
Hazard Class	8 (6.1)
ID Number	UN 2922
Packing Group	III
Emergency Phone	+1-352-323-3500 (US Toll Free: 800-535-5053)

IMO/IMDG

Proper Shipping Name	Corrosive, liquid, toxic, n.o.s. (Mixed Cycloaliphatic amines, furfuryl alcohol)
Hazard Class	8 (6.1)
ID Number	UN 2922
Packing Group	III
Emergency Phone	+1-352-323-3500 (US Toll Free: 800-535-5053)
Stowage Location	B Clear of living quarters.
EmS Fire / EmS Spill	F-A / S-B

IATA/DGR

Proper Shipping Name	Corrosive, liquid, toxic, n.o.s. (Mixed Cycloaliphatic amines, furfuryl alcohol)
Hazard Class	8 (6.1)
ID Number	UN 2922
Packing Group	III
Emergency Phone	+1-352-323-3500 (US Toll Free: 800-535-5053)
Passenger and Cargo Aircraft	Quantity limitation: 2.5 US-Gal (5 L) Packaging instructions: 852
Cargo Aircraft Only (CAO)	Quantity limitation: Accepted if amount is listed. (ICAO Special Provision: A3)

MEXICAN REGULATION FOR THE LAND TRANSPORT OF HAZARDOUS MATERIALS AND WASTES

Nombre propio de envío	Corrosivo, líquido, tóxico, n.e.p. (Aminas cicloalifáticas mixtas, alcohol furfurílico)
Clase de peligro	8 (6.1)
Número de Identificación	UN 2922
Grupo de embalaje	III
Teléfono de Emergencia	+1-352-323-3500 (US Toll Free: 800-535-5053)

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

Hazard Communication Standard **(HCS) Classification:** See Section 2 above

Effective 26 March 2012, OSHA modified its Hazard Communication Standard (HCS), **29 CFR Parts 1910, 1915, and 1926,** to conform to the United Nations' Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Emergency Planning and Community Right-to-Know Act (EPCRA)

Sections: 302/304 Extremely Hazardous Substances (EHS):

Ingredient(s)	CAS No.
–	–

Sections: 311/312 Hazard Categories

Category A:	Immediate (Acute) Health Hazard:	Yes
Category D:	Delayed (Chronic) Health Hazard:	Yes
Category F:	Fire Hazard:	Yes
Category R:	Reactive Hazard:	No
Category S:	Sudden Release of Pressure Hazard:	No

Ingredient(s)	CAS No.	Category
4,4'-Isopropylidenediphenol	80-05-7	A, D
2-Furan carbinol	98-00-0	A, D, F
Benzenemethanol	100-51-6	–
Diethylenetriamine	111-40-0	A, D
1,3-Bis(aminomethyl)benzene	1477-55-0	A

Sections: Section: 313 Reportable Ingredients: This material contains the following chemical component(s) that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Ingredient(s)	CAS No.
4,4'-Isopropylidenediphenol	80-05-7

State Regulations

USA, CALIFORNIA STATE SAFE DRINKING & TOXIC ENFORCEMENT ACT (PROPOSITION 65): This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other harm.

USA, Massachusetts Right-to-Know Components:

Ingredient(s)	CAS No.
4,4'-Isopropylidenediphenol	80-05-7
2-Furan carbinol	98-00-0
Benzenemethanol	100-51-6
Diethylenetriamine	111-40-0
1,3-Bis(aminomethyl)benzene	1477-55-0

USA, New Jersey Right-to-Know Components:

Ingredient(s)	CAS No.
4,4'-Isopropylidenediphenol	80-05-7
2-Furan carbinol	98-00-0
Benzenemethanol	100-51-6
Diethylenetriamine	111-40-0
1,3-Bis(aminomethyl)benzene	1477-55-0

USA, PENNSYLVANIA RIGHT-TO-KNOW COMPONENTS:

Ingredient(s)	CAS No.
4,4'-Isopropylidenediphenol	80-05-7
2-Furan carbinol	98-00-0
Benzenemethanol	100-51-6
Diethylenetriamine	111-40-0
1,3-Bis(aminomethyl)benzene	1477-55-0

PRODUCT SPECIFIC HEALTH AND SAFETY DATA IN OTHER SECTIONS OF THIS MSDS MAY ALSO BE APPLICABLE FOR STATE REQUIREMENTS. FOR DETAILS ON YOUR REGULATORY REQUIREMENTS YOU SHOULD CONTACT THE APPROPRIATE AGENCY IN YOUR STATE.

SECTION 16: OTHER INFORMATION

Preparation Information

This MSDS has been prepared by CORCHEM® Corporation.

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