

MATERIAL SAFETY DATA SHEET

1.PRODUCT IDENTIFICATION

PRODUCT NAME: 9003 MAXAPOXY –PART A

MANUFACTURER'S NAME: SEMITRONE CONCHEM LTD.

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Reviewed & Approved by

Hitesh Gajjar

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2.HAZARDOUS INGREDIENTS

Skin corrosion	Category 1B		
Classification		Skin Sensitization	Category 1
Serious eye damage/eye irritation	Category		1
Label Element			
Signal Words		Danger	
Hazard Statement(s)		H315- Causes skin irritation H317 -May cause an allergic skin reaction. H318 Causes serious eye irritation. H411-Toxic to aquatic life with long lasting effects.	
Precautionary Statement(s) Prevention		P272 - Contaminated work clothing should not be allowed out of the workplace. P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection.	
Precautionary Statement(s) Response		P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/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.	
Precautionary Statement(s) Storage		P310 - Immediately call a POISON CENTER/doctor P403 + P233 Store in a well-ventilated place. Keep container tightly closed.	
Precautionary Statement(s) Disposal		P501-Dispose of contents/container in accordance with local/regional/national/international regulations.	
Other hazards which do not result in classification		None known.	

Supplemental information

Harmful to aquatic life with long lasting effects. Avoid release to the environment

Emergency overview

IRRITANT. Irritating to eyes, respiratory system and skin.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures : Information on ingredients / Hazardous components

Name	CAS No	Content (% by wt.)
Poly[oxy(methyl-1,2-1-4 ethanediyl)], .alpha.-(2-aminometh yleth yl)-.omega .-(2-amino methy lethoxy)-	9046-10-0	1 - 4
3,6,9-Triazaundecamethylenediamine	112-57-2	< 2
Formaldehyde, polymer with N1-(2-aminoethyl)-N2-[2-[(2aminoethyl)amino]ethyl]-1,2-ethanediamine, 2,2'-[1,4-butanediylbis(oxymethylene)]bis[oxirane], 4,4'-(1-methylethylidene) bis(4,1-phenyleneoxymethylene)bis[oxirane], reaction products with Bu glycidylether and 1-[[2-(2-aminoethyl) ethyl]amino]-3-phenoxy-2-propanol, acetates (salts)	180583-06-6	> 15
Silica Sand	14808-60-7	95-99
Titanium dioxide	13463-67-7	0-7
Sodium silicate	1344-09-8	0.8-2

Composition comments : All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. FIRST-AID MEASURES

Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if any discomfort continues

Skin contact	Take off immediately all contaminated clothing. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse. Get medical attention immediately
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately
Ingestion	Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention if any discomfort continues.
Personal protection for first-aid responders	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves
Symptoms caused by exposure	Up to now no symptoms are known
Medical attention and special treatment	Provide general supportive measures and treat symptomatically.

5. FIRE-FIGHTING MEASURES

Extinguishing media	
Suitable extinguishing media	Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire May generate ammonia gas. May generate toxic nitrogen oxide gases. Use of water may result in the formation of very toxic aqueous solutions. Do not allow run-off from fire fighting to enter drains or water courses.
Specific hazards arising from the chemical	Incomplete combustion may form carbon monoxide. Ammonia gas may be liberated at high temperatures. In case of incomplete combustion an increased formation of oxides of nitrogen (NO _x) is to be expected. Downwind personnel must be evacuated. Burning produces noxious and toxic fumes.
Special protective equipment and precautions for fire fighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Wear self-contained breathing apparatus for firefighting if necessary.
Firefighting equipment/instructions	Avoid contact with skin. A face shield should be worn. Do not allow run-off from fire fighting to enter drains or water courses.
General fire hazards	No unusual fire or explosion hazards noted.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during
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For non-emergency personnel	clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained.
For emergency responders	Wearing appropriate protective clothing.
Environmental precautions	Avoid release to the environment. Do not discharge into drains, water courses or onto the ground. Environmental manager must be informed of all major releases
Methods and materials for containment and cleaning up	Large Spills: Pick up with suitable appliance and dispose of. Pack in tightly closed containers for disposal .
	Small Spills: Pick up with suitable appliance and dispose off.
Other issues relating to spills and releases	Never return spills in original containers for re-use. For waste disposal, see Section 13 of the SDS. Clean up in accordance with all applicable regulations.

7. HANDLING AND STORAGE

Precautions for safe handling	<p>Use personal protective equipment.</p> <p>Do not use sodium nitrite or other nitrosating agents in formulations containing this product. Suspected cancer-causing nitrosamines could be formed.</p> <p>Avoid contact with skin and eyes.</p> <p>Emergency showers and eye wash stations should be readily accessible. Adhere to work practice rules established by government regulations.</p> <p>Avoid contact with eyes.</p> <p>Hygiene measures: Provide readily accessible eye wash stations and safety showers.</p> <p>General protective measures: Discard contaminated leather articles. Provide readily accessible eye wash stations and safety showers.</p> <p>Wash hands at the end of each work shift and before eating, smoking or using the toilet.</p>
Conditions for safe storage, including any incompatibilities	Containers should be stored tightly sealed in a dry place. Do not store near acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters	No Data Available
Occupational exposure limits	No Data Available
Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls	Good general ventilation should be used. Provide eyewash station.

Individual protection measures, for example personal protective equipment (PPE)
 Eye/face protection Wear safety glasses with side shields
 (or goggles). Face-shield. Wear a
 fullface respirator, if needed



Skin protection Hand protection Wear appropriate chemical resistant gloves.



Others Body protection must be chosen based on level of activity and exposure.
 Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment
 Always observe good personal hygiene measures, such as washing after
 Hygiene measures handling the material and before eating, drinking, and/or smoking.
 Routinely wash work clothing and protective equipment to remove
 contaminants

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Paste
Colour	coloured
Odour	Typical
pH	Not applicable
Melting point/ freezing point	Not applicable
Initial boiling point and boiling range	>100°C
Flash point	Not flammable
Evaporation rate	Not applicable
Flammability (solid, gas)	Not flammable
Vapor pressure	Not applicable
Relative density	1.10
Solubility (water)	Dispersible in water
Auto-ignition temperature	Not available

10. STABILITY AND REACTIVITY

Reactivity	Corrosive to certain metals. Copper Aluminum. Zinc.
Chemical stability	Material is stable under normal conditions
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Heat, flame

Incompatible materials	<p>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.</p> <p>Nitrous acid and other nitrosating agents, Organic acids (i.e. acetic acid, citric acid etc.).</p> <p>Mineral acids. sodium hypochlorite, Oxidizing agents</p> <p>Reaction with peroxides may result in violent decomposition of peroxide possibly creating an explosion.</p> <p>Product slowly corrodes copper, aluminum, zinc and galvanized surfaces.</p>
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Hazardous decomposition products	<p>Nitric acid, Ammonia, Nitrogen oxides (NOx)</p> <p>Nitrogen oxide can react with water vapors to form corrosive nitric acid.</p> <p>Carbon monoxide, Carbon dioxide (CO2)</p> <p>Nitrosamine</p> <p>Chlorine</p>
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11. TOXICOLOGICAL INFORMATION

Information on possible routes of exposure but include entry for	<p>Routes of entry for solids and liquids are ingestion and inhalation, may include eye or skin contact. Routes of entry for gases inhalation and eye contact. Skin contact may be a route of liquid.</p>
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Acute toxicity/ Effects

Oral	May cause discomfort if swallowed.
Inhalation	LD50, Species: Rat, Dose: 2.1 g/kg, May cause respiratory irritation
Dermal	LD50 Species: Rat, Dose: 2.0 g/kg, No death observed
Eye	Causes eye irritation on direct contact
Sensitization	May cause sensitization by skin contact

Chronic Toxicity /Effects

Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA
Reproductive toxicity	No classified
Aspiration hazard	Not classified
Other Information	Nil.

12. ECOLOGICAL INFORMATION

Aquatic-toxicity	Harmful to aquatic life with long lasting effects
Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Additional information	Do not allow to enter soil, waterways or waste water canal.

13. DISPOSAL CONSIDERATIONS

Disposal methods	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local / regional/ national/ international regulations.
Residual waste	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Completely emptied packaging can be given for recycling.

14. TRANSPORT INFORMATION

IMDG	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Tetraethylenepentamine) Class : 9 Packing group : III
IATA/ ICAO	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Tetraethylenepentamine) Class : 9 Packing group : III

15. REGULATORY INFORMATION

Safety, health and environmental regulations

National regulations	Followed EINECS: All ingredients listed, exempt or notified (ELINCS). TSCA: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.
International regulations	AICS: All ingredients listed, exempt or notified. IECSC: All ingredients listed or exempt. KECL: All ingredients listed, exempt or notified. PICCS: All ingredients listed, exempt or notified. DSL: All ingredients listed or exempt.

16. OTHER INFORMATION

This information is furnished without warranty, representation, inducement or license of any kind; Except that it is accurate to the best of our knowledge, or obtained from sources believed by us to be accurate