



SAFETY DATA SHEET

Version No:20-01
Issue Date: 03-Dec-2020

SPECTRALOCK® PRO Premium Grout

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name	SPECTRALOCK® Pro Premium Grout- Part A
Recommended use	It is a multi component, high strength epoxy grout, for joints in tile and stone installations. (For professional use).
Manufacturer/ Importer/ Supplier/ Distributor information	Company Name: LATICRETE MIDDLE EAST LLC Address P.O. Box. 86028, Ras Al Khaimah, United Arab Emirates Telephone: +971 7 244 6396

2. HAZARD (s) IDENTIFICATION

Classification	Skin corrosion	Category 1B
	Skin Sensitization	Category 1
	Serious eye damage/eye irritation	Category 1

Label Element	
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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. P310 - Immediately call a POISON CENTER/doctor
Precautionary Statement(s) Storage	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-[(2-aminoethyl)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



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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	
For non-emergency personnel	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during 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



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of the SDS. Clean up in accordance with all applicable regulations.




7. HANDLING AND STORAGE

Precautions for safe handling

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

Conditions for safe storage, including any incompatibilities

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 full-face 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	
Hygiene measures	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants	



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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Viscous Liquid
Colour	Yellow to Amber
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.). 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>
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>

11. TOXICOLOGICAL INFORMATION

Information on possible routes of exposure	Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquid.
Acute toxicity/ Effects	May cause discomfort if swallowed.
Oral	LD50, Species: Rat, Dose: 2.1 g/kg,
Inhalation	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



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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

Issue date	03-December-2020 /JC
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