

SAFETY DATA SHEET

MG-KRETE™ SLU – LOCK THE TOP - PART A

1. PRODUCT AND COMPANY IDENTIFICATION	
Product Name	MG-KRETE™ SLU – LOCK THE TOP - Part A
Product Use	A self-levelling concrete product. Used for concrete flooring and concrete floor repairs
Distributor's Name	DOR Trading Pty Limited, trading as IMCO Australasia Suite 4, 485 Swift St, Albury NSW 2640
Manufacturer's Name	Specialty Products Group (SPG) 6254 Skyway Road, SMITHVILLE, ONTARIO L0R 2A0 CANADA
Emergency Number	131 126 – Australian Poison Information Centre
SDS Revision Date	22 nd August 2019

2. COMPOSITION / INFORMATION ON INGREDIENTS					
Hazardous Ingredients	Weight %	CAS Number	TLV Mg/m ³	LD50 ORAL RAT mg/kg	LC50 INHAL RAT ppm
Silica, Crystalline, Quartz	60-100	14808-60-7	0.05*	N/A	N/A
Magnesium Oxide	10-30	1309-48-4	3.0	N/A	N/A

3. HAZARD IDENTIFICATION	
Route of Entry	Inhalation, Skin Contact
Carcinogenic Status	Respirable crystalline quartz is a suspected human carcinogen, ACGIH Group A2.
Target Organs	Lungs, skin
Health Effects – Eyes	Dust may cause irritation and possibly corneal damage.
Health Effects – Skin	May dehydrate skin.
Health Effects – Ingestion	Irritation of mouth, throat and digestive tract.
Health Effects Inhalation	NOTE: 0.67% respirable quartz. Prolonged or repeated exposure to fine airborne crystalline silica dust may cause severe scarring of the lungs, a disease called silicosis. Silicosis may occur in varying degrees from minimal to severe. In severe cases, significant and increasingly severe respiratory impairment develops.

4. FIRST AID MEASURES	
First Aid – Eye	Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.
First Aid – Skin	Immediately flood the skin with large quantities of water. Preferably under a shower.
First Aid – Ingestion	Rinse mouth out with water.
First Aid – Inhalation	Remove from exposure. If there is difficulty in breathing, give oxygen. Obtain medical attention.

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5. FIRE FIGHTING MEASURES	
Conditions of Flammability	<i>Non-Flammable. Will not support combustion.</i>
Extinguishing Media	<i>N/A</i>
Special Hazards of Product	<i>N/A</i>
Protective Equipment for Fire Fighting	<i>N/A</i>
Flash Point (PMCC) (°C)	<i>N/A</i>
Upper Flammable Limit % VOL	<i>N/A</i>
Lower Flammable Limit % VOL	<i>N/A</i>
Auto Ignition Temperature (°C)	<i>N/A</i>
Explosion Data – Sensitivity to Impact	<i>N/A</i>
Explosion Data – Sensitivity to Static Discharge	<i>Yes</i>

6. ACCIDENTAL RELEASE MEASURES	
Spill Procedures	<i>Non-reactive. Transfer into non-dusting sealed containers for recovery or disposal.</i>
Personal Precautions	<i>Avoid creation of dust. Wear chemical goggles, body-covering protective clothing, chemical resistant gloves and rubber boots that are AS-NZ S1716-2012 approved. Wear NIOSH approved particle mask and eye protection.</i>
Environment Precautions	<i>Stable in environment. Not toxic to wildlife.</i>

7. HANDLING AND STORAGE	
Handling	<i>Use in well-ventilated areas. Use local exhaust ventilation. Avoid inhaling vapour. Avoid contact with eyes, skin and clothing. Keep container tightly closed when not in use.</i>
Storage	<i>Store in a dry area.</i>

8. EXPOSURE CONTROLS / PERSONAL PROTECTION	
Engineering Control Measures	<i>Use in well-ventilated area. Avoid creation of dust. Up to 0.5 mg/m³ use air purifying respirator with high efficiency particulate filter. Up to 1.25 mg/m³ use powered air purifying respirator with high efficiency filter. Up to 2.5 mg / m³ use full-faced piece air purifying respirator with high efficiency particulate filter.</i>
Respiratory Protection	<i>Wear NIOSH approved particle respirator.</i>
Hand Protection	<i>Gloves should be worn during all handling operations.</i>
Eye Protection	<i>Protect eyes from dust.</i>
Body Protection	<i>Clothing should cover body adequately to prevent exposure.</i>
Protection During Application	<i>Will release ammonia gas when mixed with 1260 Part B. Venting or respiration equipment may be required when working in confined spaces. After installation and drying, activities such as grinding, sawing or tear-out of material may cause dust concentration to be above the TLV limit for crystalline quartz.</i>

9. PHYSICAL AND CHEMICAL PROPERTIES	
Physical State	<i>Solid</i>
Odour & Colour	<i>None, off-white</i>
Odour Threshold (ppm)	<i>N/A</i>
Specific Gravity	<i>N/A</i>
Vapour Density (AIR=1)	<i>N/A</i>

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Vapour Pressure = 20°C	N/A
Evaporation Rate	N/A
Boiling Range / Point (°C)	N/A
Freezing Point (°C)	N/A
pH (1% solution at 20°C)	N/A
Coefficient of Water / Oil Distribution	N/A
Solubility in Water	Insoluble
VOC (G/L)	0

10. STABILITY AND REACTIVITY

Stability	Contact with strong oxidising agents.
Conditions to Avoid	Oxidising agents: fluorine, chlorine, trifluoride, manganese trioxide, oxygen difluoride.
Materials to Avoid	Strong oxidising agents.
Hazardous Polymerisation	Will not Occur
Hazardous Decomposition Products	Silica will dissolve in hydrofluoric acid and produce a corrosive gas (silicon fluoride).

11. TOXICOLOGICAL INFORMATION

Effects of Acute Exposure	N/A – No known acute toxicity
Effects of Chronic Exposure	Repeated inhalation of concentrated free silica dust may cause delayed lung injury (silicosis).
Exposure Limits	0.05 mg/m ³ respirable quartz dust.
Irritancy	Mild irritation expected.
Sensitisation	Unlikely.
Carcinogenicity	The International Agency for Research on Cancer has concluded that crystalline silica in the form of quartz from occupational exposures should be classified as carcinogenic to humans (Group 1). The American Conference of Government Industrial Hygienists (ACGIH) has given crystalline silica, quartz an A2 classification, suspected human carcinogen. Simultaneous exposure to known carcinogens can increase carcinogenicity of crystalline silica.
Reproductive Toxicity	N/A
Teratogenicity	N/A
Mutagenicity	N/A
Toxicologically Synergistic Products	Synergistic effect between smoking and crystalline silica is likely.

12. ECOLOGICAL INFORMATION

Mobility	Stable in environment.
Persistence / Degradability	Non-biodegradable, generally non-toxic
Bioaccumulation	This product will not bioaccumulate
Ecotoxicity	Not toxic to wildlife

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13. DISPOSAL CONSIDERATIONS	
Product Disposal	<i>Non-reactive. Transfer into non-dusting, sealed containers for recovery or disposal. Dispose of in an approved landfill site. Contact local authorities for disposal approval</i>
Container Disposal	<i>Empty bags may contain hazardous residues. Dispose of bags with care</i>

14. TRANSPORTATION INFORMATION	
	TDG Classification
Hazard Label – Not Required	<i>Not Regulated – Keep from freezing</i>
DOT CFR 172.101 Data	<i>Not Regulated</i>
UN Proper Shipping Name	<i>N/A</i>
UN Class	<i>N/A</i>
UN Number	<i>N/A</i>
UN Packaging Group	<i>N/A</i>
Flash Point	<i>None</i>
Hazardous Material	<i>N/A</i>
Hazardous Label	<i>N/A</i>

15. REGULATORY INFORMATION	
SARA Title III Sect. 304	<i>Not Regulated</i>
SARA Title III Sect. 311/312	<i>Not Regulated</i>
SARA Title III Sect. 313	<i>Not Regulated</i>
WHMIS Classification	<i>CLASS D, DIV.2, SUBDIVISION A.</i>
CEPA Status (DSL)	<i>All of the ingredients of this product are listed on the Domestic Substances List.</i>
<i>This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by CPR.</i>	

16. OTHER INFORMATION	
	<i>0 = Minimal 1 = Slight 2 = Moderate 3 = High 4 = Extreme</i>
Hazard Rating	<i>Health = 1</i>
	<i>Flammability = 0</i>
	<i>Reactivity = 0</i>
Abbreviations	<i>N/A: Denotes no applicable information found or available</i>
	<i>CAS#: Chemical Abstracts Service Number</i>
	<i>ACGIH: American Conference of Governmental Industrial Hygienists</i>
	<i>OSHA: Occupational Safety and Health Administration</i>
	<i>TLV: Threshold Limit Value</i>
	<i>PEL: Permissible Exposure Limit</i>
	<i>STEL: Short Term Exposure Limit</i>
	<i>NTP: National Toxicology Program</i>
	<i>IARC: International Agency for Research on Cancer</i>
	<i>R: Risk</i>
<i>S: Safety</i>	
	<i>LD50: Lethal Dose 50%</i>
	<i>LC50: Lethal Concentration 50%</i>
Prepared By	Special Products Group (SPG)

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Provided data is offered in good faith as typical values and not as a product specification. No warranty, either express or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable, however, each user should review these recommendations.

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