

# IMCO



## AUSTRALASIA

### SAFETY DATA SHEET

#### MG-KRETE RAZORS EDGE™ PART A

1. PRODUCT AND COMPANY IDENTIFICATION			
Trade Name	Razors Edge™ PART A		
Product Use	A magnesium polyphosphate concrete finishing material for self-levelling MGKRETE™ and concrete pours and for concrete repair. Used for patching. Can be trowelled vertically and overhead.		
Distributor's Name	DOR Trading Pty Limited, Trading as IMCO Australasia 3 Lagunta Ave, EDWARDSTOWN SA 5039		
Manufacturer's Name	SPECIALTY PRODUCTS GROUP 6254 SKYWAY RD., PO BOX 915 SMITHVILLE, ON. L0R 2A0	TEL 1-877-957-4626 FAX 905-527-0606	SPECIALTY PRODUCTS GROUP 3909 Witmer RD, Suite 1014 NIAGARA FALLS, NY 14305
Emergency Number	131 126 – Australian Poison Information Centre		
SDS Revision Date	12 <sup>th</sup> August 2019		

2. COMPOSITION/INFORMATION ON INGREDIENTS					
HAZARDOUS INGREDIENTS	CAS NUMBER	WEIGHT %	TLV Mg/m <sup>3</sup>	LD50 ORAL RAT Mg/kg	LC50 INHAL RAT ppm
Silica, Crystalline Quartz (incl. sand)	14808-60-7	60-100	0.05*	N/A	N/A
Magnesium Oxide	1309-48-4	10-30	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 – Eye	Dust would cause irritation and possibly corneal damage.
Health Effects – Skin	Dehydration of skin.
Health Effects – Ingestion	Irritation of mouth, throat and digestive tract
Health Effects - Inhalation	Prolonged or repeated exposure to fine airborne crystalline silica dust causes scarring of the lungs, a disease called silicosis. Silicosis occurs in varying degrees from minimal to severe. In severe cases, significant and increasingly severe respiratory impairment develops.
 NFPA	 HMIS
5-MINIMAL: 4-SLIGHT: 3-MODERATE: 2-HIGH: 1-EXTREME	

4. FIRST AID MEASURES	
First Aid – Inhalation	Remove from exposure. If there is difficulty in breathing, give oxygen. Obtain medical attention immediately
First Aid – Skin	Immediately flood the skin with large quantities of water, preferably under a shower. Obtain medical attention if blistering occurs or redness persists
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

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First Aid – Ingestion	<i>Rinse mouth out with water</i>
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### INFORMATION FOR DOCTOR

**Most important symptoms and effects, both acute and delayed.**

- No further relevant information

**Indications of any immediate medical attention and special treatment needed.**

- No further relevant information available

### 5. FIRE FIGHTING MEASURES

Conditions of Flammability	<i>Non-flammable. Will not support combustion.</i>
Extinguishing Media	<i>Not flammable</i>
Special Hazards of Product	<i>Not flammable</i>
Protective Equipment for Fire Fighting	<i>Not flammable</i>
Explosion Data – Sensitivity to Impact	<i>No</i>
Explosion Data – Sensitivity to Static Discharge	<i>No</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 NIOSH approved particle mask, gloves, and eye protection.</i>
Environmental Precautions	<i>Stable in environment. Not toxic to wildlife.</i>

### REFERENCES TO OTHER SECTIONS

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment

See Section 13 for disposal information

### 7. HANDLING AND STORAGE

Handling	<i>Use in well-ventilated area. Use local exhaust ventilation. Avoid inhaling dust. Avoid contact with eyes, skin and clothing. Handle carefully to avoid creating dust.</i>
Storage	<i>Store in a dry area.</i>

### INFORMATION ABOUT PROTECTION AGAINST EXPLOSION AND FIRE

Keep ignition sources away – Do not smoke

Protect against electrostatic charges

### SPECIFIC END USE(S)

No further relevant information available

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Control Measures	<i>Use in well-ventilated area. Avoid creation of dust. Up to 0.5 mg/m<sup>3</sup> use air purifying respirator with high efficiency particulate filter. Up to 1.25 mg/m<sup>3</sup> use powered air purifying respirator with high efficiency filter. Up to 2.5 mg/m<sup>3</sup> 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. Good ventilation must be provided when working in confined spaces and exposure must be kept to a minimum. After installation and drying, activities such as grinding, sawing or tear-out of material would cause dust concentration to be above the TLV limit for crystalline quartz.</i>

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9. PHYSICAL AND CHEMICAL PROPERTIES	
Physical State	<i>Solid</i>
Odour & Appearance	<i>None, Grey buff</i>
Odour Threshold (ppm)	<i>No odour</i>
Specific Gravity	<i>2.65</i>
Vapour Density (AIR=1)	<i>N/A</i>
Vapour Pressure 20 C	<i>10 mm @ 1730 C</i>
Evaporation Rate	<i>No evaporation at normal temperatures</i>
Boiling Point (°C)	<i>2230</i>
Freezing Point (°C)	<i>Solid</i>
Ph	<i>Not determined</i>
Coefficient of Water/Oil Distribution	<i>Not determined</i>
Solubility in Water	<i>Insoluble</i>
VOC (g/l)	<i>0</i>
Flash Point (PMCC) (°C/F)	<i>Not flammable</i>
Upper Flammable Limit %VOL	<i>Not flammable</i>
Lower Flammable Limit %VOL	<i>Not flammable</i>
Autoignition Temp (°C/F)	<i>Not flammable</i>

10. STABILITY AND REACTIVITY	
Stability	Contact with strong oxidizing agents.
Conditions to Avoid	Oxidizing agents: fluorine, chlorine trifluoride, manganese trioxide, oxygen difluoride
Materials to Avoid	Strong oxidizing agents.
Hazardous Polymerisation	Will not occur.
Hazardous Decomposition Products	Silica will dissolve in hydrofluoric acid and produce a corrosive gas (silicon tetra fluoride)

11. TOXICOLOGICAL INFORMATION	
Effects of Acute Exposure	<i>N/A - No known acute toxicity.</i>
Effects of Chronic Exposure	<i>Repeated inhalation of concentrated free silica dust would cause delayed lung injury (silicosis).</i>
Exposure Limits	<i>0.05 mg/m3 Respirable quartz dust.</i>
Irritancy	<i>Mild irritation expected</i>
Sensitisation	<i>Very low probability</i>
Carcinogenicity	<i>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 has given crystalline silica, quartz an A2 classification, suspected human carcinogen. Simultaneous exposure to known carcinogens can increase carcinogenicity of crystalline silica.</i>
Reproductive Toxicity	<i>No data, but none of ingredients have a reproductive toxicity</i>
Teratogenicity	<i>No data, but none of ingredients are teratogenic.</i>
Mutagenicity	<i>No data, but none of ingredients are mutagenic.</i>
Toxicologically Synergistic Products	<i>Synergistic effect between smoking and crystalline silica is likely.</i>

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12. ECOLOGICAL INFORMATION	
Mobility	<i>Stable in environment.</i>
Persistence/Degradability	<i>Non-biodegradable, generally non-toxic.</i>
Bioaccumulation	<i>Product does not bioaccumulate.</i>
Ecotoxicity	<i>Not toxic to wildlife.</i>
<b>RESULTS of PBT and vPvB Assessment</b> PBT: N/A vPvB: N/A	

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 still contain residues. Dispose of bags with care.</i>
<b>UNCLEANED PACKAGINGS</b> <b>Recommendation:</b> Disposal must be made according to official regulations	

14. TRANSPORTATION INFORMATION	
<b>Canada</b>	<b>TDG Classification</b>
Hazard Label – Not Required	<i>Not Regulated</i>
<b>Export</b>	
DOT CFR 172.101 Data	<i>Not Regulated</i>
UN Proper Shipping Name	<i>No UN Number Assigned – Not Hazardous</i>
UN Class	<i>No UN Number Assigned – Not Hazardous</i>
UN Number	<i>No UN Number Assigned – Not Hazardous</i>
UN Packaging Group	<i>No UN Number Assigned – Not Hazardous</i>
Flash Point	<i>No Flashpoint</i>
Hazardous Material	<i>None</i>
Hazard Label	<i>None</i>
Marine Pollutant	<i>NO</i>
Specific Precautions for User	<i>N/A</i>

15. REGULATORY INFORMATION
WHMIS CLASSIFICATION: CLASS D, DIV.2, SUBDIVISION A-Very Toxic Material
CEPA STATUS (DSL): All of the ingredients of this product are listed on the Domestic Substances List.
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by CPR.

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16. OTHER INFORMATION	
Hazard Rating	<i>0 = Minimal; 1 = Slight; 2 = Moderate; 3 = High; 4 = Extreme</i>
	<i>Health = 1</i>
	<i>Flammability = 0</i>
	<i>Reactivity = 0</i>
Abbreviations	<i>N/A: 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    S: Safety</i>
<i>LD50: Lethal Dose 50%    LC50: Lethal Concentration 50%</i>	
Prepared By	<i>Specialty Products Group Inc.</i>

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.