SAFETY DATA SHEET

MG-KRETE™ FINE - PART A

1. PRODUCT AND COMPANY IDENTIFICATION	
Product Name	***MG-KRETE™ Fine – Part A***
Application of the Substance / Preparation	*This is a magnesium polyphosphate concrete repair material. Used for patching, from shallow feathering to deep pours, can be trowelled vertically and overhead.*
Distributor's Name	*DOR Trading Pty Limited trading as IMCO Australasia* *PO Box 112, Albury NSW 2640*
Manufacturer's Name	*IMCO Technologies Inc.* *6254 Skyway Road, SMITHVILLE, ONTARIO L0R 2A0 CANADA*
Emergency Number	*131 126 – Australian Poison Information Centre*
SDS Revision Date	*October 2026*

2. COMPOSITION / INFORMATION ON INGREDIENTS					
HAZARDOUS INGREDIENTS	***CAS#***	***WEIGHT %***	***TLV Mg/m³***	***LD50 ORAL RAT Mg/kg***	***LC50 INHAL RAT ppm***
Silica, Crystalline Quartz	*14808-60-7*	*60-100*	*0.05**	*N/A*	*N/A*
Magnesium Oxide	*1309-48-4*	*10-30*	*3.0**	*N/A*	*N/A*
(Respirable Fraction)	*(0.05%)*		***		

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 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	*Prolonged or repeated very close exposure to fine crystalline silica dust may cause scarring of the lungs*

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 occurs or redness persists.*
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 – Ingestion	*Rinse mouth out with water.*
First Aid - Inhalation	*Remove from exposure. If there is a difficulty breathing, give oxygen. Obtain medical attention immediately.*

5. FIRE FIGHTING MEASURES	
Conditions of Flammability	*Non-flammable. Will not support combustion.*
Extinguishing Media	*N/A*
Special Hazards of Product	*N/A*
Protective Equipment for Fire Fighting	*N/A*
Explosion Data – Sensitivity to Impact	*NO*
Explosion Data – Sensitivity to Static Discharge	*YES*

6. ACCIDENTAL RELEASE MEASURES
INFORMATION FOR DOCTOR
Most important symptoms and effects, both acute and delayed.
No further relevant information available/indication of any immediate medical attention and special treatment needed
No further relevant information available

Spill Procedures	*Non-reactive. Transfer into non-dusting sealed containers for recovery or disposal.*
Personal Precautions	*Avoid creation of dust. Wear NIOSH approved particle mask, gloves and eye protection.*
Environmental Precautions	*Stable in environment. Not toxic to wildlife.*

REFERENCE 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	*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.*
Storage	*Store in a dry area.*

INFORMATION ABOUT PROTECTION AGAINST EXPLOSIONS AND FIRES
Keep ignition sources away – Do NOT smoke
Protect against electrostatic charges

SPECIFIC END USES(S)
No further relevant information available

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Control Measures	*Use in well-ventilated area. Avoid creation of dust. Up to 0.5 mg/m^3 use air purifying respirator with high efficiency particulate filter. Up to 1.25 mg/m^3 use powered air purifying respirator with high efficiency filter. Up to 2.5 mg/m^3 use full-faced piece air purifying respirator with high efficiency particulate filter*
Respiratory Protection	*Wear NIOSH approved particle respirator.*
Hand Protection	*Gloves should be worn during all handling operations.*
Eye Protection	*Protect eyes from dust.*
Body Protection	*Clothing should cover body adequately to prevent exposure.*
Protection During Application	*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.*

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	*Solid*
Odour & Appearance	*None, grey buff*
Odour Threshold (ppm)	*N/A*
Specific Gravity	*2.65*
Vapour Density (AIR = 1)	*N/A*
Vapour Pressure 20 C	*10mm @ 1730 C*
Evaporation Rate	*None*
Boiling Point (°C)	*2230*
Freezing Point (°C)	*N/A*
pH	*N/A*
Coefficient of Water/Oil Distribution	*N/A*
Solubility in Water	*Insoluble*
VOC (gl)	*0*
Flash Point (PMCC) (°C/°F)	*N/A*
Upper Flammable Limit %VOL	*N/A*
Lower Flammable Limit %VOL	*N/A*
Autoignition Temperature (°C/°F)	*N/A*

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 tetrafluoride)*

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 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	
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*

13. DISPOSAL INFORMATION	
Product Disposal	*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.*
Container Disposal	*Empty bags may contain hazardous residues. Dispose of bags with care.*
UNCLEANED PACKAGING: Recommendation: Disposal must be made according to official regulations.	

14. TRANSPORTATION INFORMATION	
CANADA	**TDG Classification**
Hazard Label – Not Regulated	*Not Regulated*
EXPORT	

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DOT CFR 172.101 DATA	*Not Regulated*
UN Proper Shipping Name	*N/A*
UN Class	*N/A*
UN Number	*N/A*
UN Packaging Group	*N/A*
Flash Point	*N/A*
Hazardous Material	*N/A*
Hazard Label	*N/A*
Marine Pollutant	*No*
Special Precautions for User	*N/A*

15. REGULATORY INFORMATION
WHIMIS (Canada): *Not controlled under WHMIS (Canada)*
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.

16. OTHER INFORMATION	
Hazard Rating (HMIS)	*5 – Minimal 4 – Slight 3 – Moderate 2 – High 1 – Extreme* *Health – 4 Flammability – 5 Reactivity - 5*
Abbreviations	*NA: No applicable information found or available*
	CAS#: Chemical Abstracts Service Number
	ACGIH: American Conference of Governmental Industrial Hygienists
	OSHA: Occupational Safety and Health Administration
	TLV: Threshold Limit Value
	PEL: Permissible Exposure Limit
	STEL: Short Term Exposure Limit
	NTP: National Toxicology Program
	IARC: International Agency for Research on Cancer
	R: Risk
	S: Safety
	LD50: Lethal Dose 50%
	LC50: Lethal Concentration 50%
Prepared By	IMCO Technologies Inc.

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.