

IMCO

AUSTRALASIA

SAFETY DATA SHEET

KLEER-O-SEAL 55™

1. PRODUCT AND COMPANY IDENTIFICATION	
Product Name	KLEER-O-SEAL 55™
Product Use	<i>A ready to use silane-based water proofing product for concrete.</i>
Distributor's Name	<i>DOR Trading Pty Limited, Trading as IMCO Australasia 3 Lagunta Avenue, EDWARDSTOWN SA 5039</i>
Manufacturer's Name	<i>IMCO TECHNOLOGIES INC 6254 SKYWAY RD, PO BOX 915 SMITHVILLE, ON LOR 2A0</i>
Emergency Number	<i>131 126 – Australian Poison Information Centre</i>
SDS Revision Date	<i>9th August 2019</i>

2. COMPOSITION/INFORMATION ON INGREDIENTS		
COMPONENT NAME	CODES	CONCENTRATION
<i>EC Classification</i>	<i>None Required</i>	

3. HAZARD IDENTIFICATION	
Route of Entry	<i>Eye contact, Ingestion, Inhalation, Skin contact.</i>
Carcinogenic Status	<i>Not considered carcinogenic by NTP, IARC and OSHA</i>
Target organs	<i>Eye, skin, and lungs</i>
Health Effects: Eye	<i>Moderate irritation expected, with redness and swelling of eyes.</i>
Health Effects: Skin	<i>Moderate irritation expected. Prolonged contact can dry skin.</i>
Health Effects: Ingestion	<i>May cause drowsiness, dizziness, confusion or loss of co-ordination.</i>
Health Effects: Inhalation	<i>Irritates the respiratory passages, and inhalation of large quantities may be harmful.</i>

4. FIRST AID MEASURES	
First Aid: Eye	<i>Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention.</i>
First Aid: Skin	<i>Immediately flood the skin with large quantities of water. Preferably under a shower. Remove contaminated clothing and shoes. Obtain medical attention.</i>
First Aid: Ingestion	<i>If swallowed, obtain medical attention immediately. Do not induce vomiting.</i>
First Aid: Inhalation	<i>Remove from exposure and into fresh air. If symptoms persist seek medical attention. If breathing is difficult administer oxygen. Keep person warm and quiet. Inhalation of large quantities maybe associated with cardiac arrhythmias</i>

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5. FIRE FIGHTING MEASURES	
Extinguishing media	<i>On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide, dry chemical, or water spray. Water can be used to cool fire exposed containers.</i>
Special hazards of product	<i>Dries to form glass film which can easily cut the skin. Spilled material is very slippery. Can etch glass if not promptly removed.</i>
Protective equipment for fire fighting	<i>Wear full protective clothing when this material is present in the area of fire. Determine need to evacuate. Use water spray to keep fire exposed containers cool.</i>
Upper flammable limit % VOL	<i>N/A</i>
Lower flammable limit % VOL	<i>N/A</i>
Auto ignition temp (°C)	<i>N/A</i>
Explosion Data – Sensitivity to impact	<i>N/A</i>
Explosion Data – Sensitivity to static discharge	<i>N/A</i>

6. ACCIDENTAL RELEASE MEASURES	
Spill Procedures	<i>Remove possible source of ignition. Determine whether to evacuate. Large Spills – isolate hazard area. Do not touch or walk through spilled material. Isolate, dyke and store discharged material if possible. Use sand or earth to contain material. If containment is impossible, neutralise contaminated area and flush with large quantities of water.</i>
Personal Precautions	<i>Wear chemical goggles, body-covering protective clothing, chemical resistant gloves and rubber boots that are AS-NZ S1716-2012 approved. Use a NIOSH approved dust and mist respirator where spray mist occurs.</i>
Environmental Precautions	<i>Prevent the material from entering drains or watercourse. Notify authorities if spill has entered watercourse or sewer.</i>

7. HANDLING AND STORAGE	
Handling	<i>Use with adequate ventilation. Avoid contact with eyes, skin or clothing. Avoid breathing mist, keep container closed. Promptly clean up spills</i>
Storage	<i>Keep container closed. Store in clear steel or plastic containers. Separate from acids, reactive metals and ammonium salts. Storage temperature 0 – 95°C. Do not store in aluminium, fibreglass, copper, brass, zinc or galvanised containers.</i>

8. EXPOSURE CONTROLS/PERSONAL PROTECTION	
Engineering Control Measures	<i>Use with adequate ventilation. Keep containers closed. Safety shower and eyewash fountain should be within direct access.</i>
Respiratory Protection	<i>Use a NIOSH approved dust and mist respirator where spray mist occurs. Observe provincial regulations for respiratory use.</i>
Hand Protection	<i>Full-length gloves should be worn during all handling operation to protect against splashing. Neoprene gloves.</i>
Eye Protection	<i>Chemical goggles should be worn during all handling operations to protect against splashing</i>
Body Protection	<i>Discard contaminated protective equipment. If there is danger of splashing, wear overalls or apron.</i>
Protecting During Application	<i>During application, adequate ventilation must be provided. Mix in a well – ventilated area. If ventilation is poor, wear respiratory protection. Dries to form glass film which can easily cut the skin. Spilled material is very slippery. Can etch glass if not promptly removed.</i>

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9. PHYSICAL AND CHEMICAL PROPERTIES	
Physical State	<i>Liquid</i>
Odour & Colour	<i>Alcoholic odour</i>
Ph	<i>N/A</i>
Specific Gravity	<i>0.82</i>
Boiling Range / Point (°C)	<i>No data</i>
Freezing Point (°C)	<i>No data</i>
Flash Point (PMCC) (°C)	<i>> 65°C</i>
Coefficient of water / oil distribution	<i>N/A</i>
Vapor Pressure = 20 C	<i>No data</i>
Solubility in Water	<i>Immiscible</i>
Vapour Density (AIR=1)	<i>No data</i>
Evaporation Rate	<i>No data</i>
VOC (G/L)	<i>181</i>
Odour Threshold (ppm)	<i>N/A</i>

10. STABILITY AND REACTIVITY	
Stability	<i>Stable under normal conditions</i>
Conditions to avoid	<i>None</i>
Materials to avoid	<i>Chlorine, hypochlorites, strong oxidising agents.</i>
Hazardous Polymerisation	<i>Will not occur</i>
Hazardous Decomposition Products	<i>Aldehydes, carbon monoxide and carbon dioxide.</i>

11. TOXICOLOGICAL INFORMATION	
Acute Toxicity	<i>Irritation to the eyes and skin is expected. On inhalation of liquid will cause irritation to mucous membrane, coughing and wheezing.</i>
Chronic Toxicity	<i>May cause dermatitis and irritation on repeated contact.</i>
Exposure limits	<i>N/A</i>
Irritancy	<i>Moderate irritation expected</i>
Sensitisation	<i>No data</i>
Carcinogenicity	<i>Not listed as a carcinogen by IARC, NTP or OSHA</i>
Reproductive/Development toxicity	<i>No data</i>
Teratogenicity	<i>No data</i>
Mutagenicity	<i>No data</i>
Toxicologically synergistic products	<i>No data</i>

12. ECOLOGICAL INFORMATION	
Mobility	<i>Complete information not available</i>
Persistence / Degradability	<i>Complete information not available</i>
Bioaccumulation	<i>Complete information not available</i>
Eco toxicity	<i>Complete information not available</i>

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13. DISPOSAL CONSIDERATIONS	
Product Disposal	<i>Absorb product on inert material (sand or earth) and transfer absorbed product into a waste container. Dispose of in accordance with all applicable local and national regulation</i>
Container Disposal	<i>Labels should not be removed from containers until they have been cleaned. Empty containers may contain hazardous residues. Dispose of containers with care.</i>

14. TRANSPORTATION INFORMATION	
	TDG Classification
UN Number	<i>No Data</i>
Proper Shipping Name	<i>No Data</i>
Transport Hazard Class	<i>No Data</i>
Packing Group	<i>No Data</i>
Environmental hazards for transport purposes	<i>No Data</i>
Special Precautions for Users	<i>No Data</i>
Additional Information	<i>No Data</i>
Hazchem or Emergency Action Code	<i>No Data</i>
Hazardous Label	<i>Not Required</i>

15. REGULATORY INFORMATION	
SARA Title III Sect. 304	<i>Not Regulated</i>
ICAO/IATA	<i>N/A</i>
ADR/IMDG	<i>N/A</i>
WHMIS Classification	<i>CLASS D, DIV.2, SUBDIVISION B - Material causing other toxic effects – Combustible Liquid</i>

16. OTHER INFORMATION	
Hazard Rating	<i>0 = Minimal; 1 = Slight; 2 = Moderate; 3 = High; 4 = Extreme</i>
	<i>Health = 1</i>
	<i>Flammability = 2</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</i>
<i>S: Safety</i>	
	<i>LD50: Lethal Dose 50%</i>
	<i>LC50: Lethal Concentration 50%</i>
Prepared By	<i>IMCO TECHNOLOGIES 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.