

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	466 KLEER-0-SEAL 40		
PRODUCT USE	A ready to use silane-based water-proofing product for concrete		
MANUFACTURE'S NAME	IMCO TECHNOLOGIES 6254 SKYWAY RD., PO BOX 915 SMITHVILLE, ON. L0R 2A0	TEL 1-888-818-4626 FAX 905-527-0606	IMCO TECHNOLOGIES 3909 Witmer RD, Suite 1014 NIAGARA FALLS, NY 14305
SUPPLIER'S NAME	SEE MANUFACTURER		
EMERGENCY NUMBER	613-996-6666 or *666 CANUTEC 1-800-535-5053 UNITED STATES POISON INFORMATION CENTRE		

2. HAZARD IDENTIFICATION



GHS CLASSIFICATION: Flammability 3, Reactivity 5, Health 4

ROUTE OF ENTRY	Absorption, Eye contact, Ingestion, Inhalation, Skin contact.
CARCINOGENIC STATUS	Not considered carcinogenic by NTP, IARC, and OSHA.
TARGET ORGANS	Eye, Skin, Liver
HEALTH EFFECTS – EYE	Direct contact may cause mild irritation.
HEALTH EFFECTS – SKIN	Material may cause moderate irritation.
HEALTH EFFECTS – INGESTION	Low ingestion hazard in normal use. Repeated ingestion or swallowing large amounts may injure internally.
HEALTH EFFECTS – INHALATION	Vapor may irritate nose and throat. Vapor overexposure may cause drowsiness and may injure the liver.

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	WEIGHT %	CAS NUMBER
ALKOXY-SILANE	40	6943-75-1
Petroleum distillates low vapor pressure solvent under CARB and USEPA consumer product guidelines	60	64742-47-8

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.
FIRST AID – SKIN	Immediately flood the skin with large quantities of water. Remove contaminated clothing and shoes. Obtain medical attention.
FIRST AID – INGESTION	If swallowed, Obtain medical attention immediately. Do not induce vomiting.
FIRST AID – INHALATION	Move away 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 may be associated with cardiac arrhythmias.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA	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.
SPECIAL HAZARDS OF PRODUCT	Dries to form glass film which can easily cut the skin. Spilled material is very slippery. Can etch glass if not promptly removed.
PROTECTIVE EQUIPMENT FOR FIRE FIGHTING	Wear full protective clothing when this material is present in the area of the fire. Determine need to evacuate. Use water spray to keep fire exposed containers cool.
FLASH POINT (PMCC) (°C/F)	Flash point > 149° F/ 65° C
UPPER FLAMMABLE LIMIT %VOL	NA
LOWER FLAMMABLE LIMIT %VOL	NA
AUTOIGNITION TEMP (°C/F)	NA
EXPLOSION DATA – SENSITIVITY TO IMPACT	NA
EXPLOSION DATA – SENSITIVITY TO STATIC DISCHARGE	NA

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES	Remove possible sources of ignition. Determine whether to evacuate. Large spills – Isolate hazard area. Do not touch or walk through spilled material. Isolate, dike and store discharged material, if possible. Use sand or earth to contain material. If containment is impossible, neutralize contaminated area and flush with large quantities of water.
PERSONAL PRECAUTIONS	Wear chemical goggles, body-covering protective clothing, chemical resistant gloves and rubber boots. Use a NIOSH-approved dust and mist respirator where spray mist occurs.
ENVIRONMENTAL PRECAUTIONS	Prevent the material from entering drains or watercourses. Notify authorities if spill has entered watercourse or sewer.

7. HANDLING AND STORAGE

HANDLING	Use with adequate ventilation. Avoid contact with eyes, skin and clothing. Avoid breathing mist. Keep container closed. Promptly clean up spills.
STORAGE	Keep container closed. Store in clean steel or plastic containers. Separate from acids, reactive metals and ammonium salts. Storage temperature 0-95 deg C. Do not store in aluminum, fiberglass, copper, brass, zinc or galvanized containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROL MEASURES	Use with adequate ventilation. Keep containers closed. Safety shower and eyewash fountain should be within direct access.
RESPIRATORY PROTECTION	Use a NIOSH-approved dust and mist respirator where spray mist occurs. Observe Provincial regulations for respiratory use.
HAND PROTECTION	Full-length gloves should be worn during all handling operations. Neoprene gloves.
EYE PROTECTION	Chemical goggles should be worn during all handling operations to protect against splashing.
BODY PROTECTION	Discard contaminated protective equipment. If there is danger of splashing, wear overall or apron.
PROTECTION DURING APPLICATION	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.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid
ODOUR & APPEARANCE	Alcoholic odor
ODOR THRESHOLD (ppm)	NA
SPECIFIC GRAVITY	0.82
VAPOR DENSITY (AIR = 1)	ND
VAPOR PRESSURE 20 C	ND
EVAPORATION RATE	ND
BOILING POINT (°C)	ND
FREEZING POINT (°C)	ND
pH	NA
COEFFICIENT OF WATER/OIL DISTRIBUTION	ND
SOLUBILITY IN WATER	Immiscible
VOC (g/l)	132

10. STABILITY AND REACTIVITY

STABILITY	Stable under normal conditions
CONDITIONS TO AVOID	None
MATERIALS TO AVOID	Chlorine, hypochlorites, strong oxidizing agents
HAZARDOUS POLYMERIZATION	Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS	Aldehydes, carbon monoxide and carbon dioxide.

11. TOXICOLOGICAL INFORMATION

EFFECTS OF ACUTE EXPOSURE	Irritation to the eyes and skin is expected. On inhalation of liquid will cause irritation to mucous membranes, coughing and wheezing.
EFFECTS OF CHRONIC EXPOSURE	May cause dermatitis and irritation on repeated contact.
EXPOSURE LIMITS	NA
IRRITANCY	Moderate irritation expected
SENSITIZATION	ND
CARCINOGENICITY	Not listed as a carcinogen by IARC, NTP or OSHA.
REPRODUCTIVE TOXICITY	ND
TERATOGENICITY	ND
MUTAGENICITY	ND
TOXICOLOGICALLY SYNERGISTIC PRODUCTS	ND

12. ECOLOGICAL INFORMATION

MOBILITY	Complete information not available
PERSISTENCE/DEGRADABILITY	Complete information not available
BIO-ACCUMULATION	Complete information not available
ECOTOXICITY	Complete information not available

13. DISPOSAL CONSIDERATIONS

PRODUCT DISPOSAL	Absorb product on an inert material (sand or earth) and transfer absorbed product into a waste container. Dispose of in accordance with all applicable local and national regulations.
CONTAINER DISPOSAL	Dispose of bags according to federal, provincial, state and local regulations.



14. TRANSPORTATION INFORMATION

CANADA	TDG CLASSIFICATION
HAZARD LABEL NOT REQUIRED	NOT REGULATED

15. REGULATORY INFORMATION

WHMIS CLASSIFICATION: CLASS D, DIV.2, SUBDIVISION B-Material causing other toxic effects.
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.
DOT Description : combustible liquid n.o.s.
Hazard Class: C
Hazard Label: None
Packing Group: III (only if over 119 gallons or 450 litres)

16. OTHER INFORMATION

	HMIS hazard ID: 0-MINIMAL; 1-SLIGHT; 2-MODERATE; 3-SERIOUS; 4-SEVERE		NFPA hazard ID: 0-MINIMAL; 1-SLIGHT; 2-MODERATE; 3-SERIOUS; 4-SEVERE
KEY	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.		
SDS REVISION DATE	November 28, 2022		

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.