SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

TRADE NAME	**460 WATER REPELLENT SEALER B6, D2A, D2B**		
PRODUCT USE	Is a water based, breathable, siloxane sealer for brick, masonry and concrete.		
MANUFACTURE'S NAME	IMCO TECHNOLOGIES 6254 SKYWAY RD., PO BOX 915 SMITHVILLE, ON. L0R 2A0	TEL 1-877-957-4626 FAX 905-527-0606	IMCO TECHNOLOGIES 3909 Witmer RD, Suite 1014 NIAGARA FALLS, NY 14305
EMERGENCY NUMBER	613-996-6666 or *666 CANUTEC 1-800-535-5053 UNITED STATES POISON INFORMATION CENTRE		

2. HAZARD IDENTIFICATION

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.

NFPA

HMIS

5-MINIMAL; 4-SLIGHT; 3-MODERATE; 2-HIGH; 1-EXTREME

3. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS NUMBER	WEIGHT %	TWA ppm	LD50 ORAL RAT Mg/kg	LC50 INHAL RAT ppm
METHYLHYDROXYSILANE	68037-59-2	1 – 5	N/A	8.540	N/A
POLYETHYLENE OXIDE ETHER	9002-92-0	0.5 – 1.5	N/A	N/A	N/A

4. FIRST AID MEASURES

FIRST AID – INHALATION	Remove from exposure. Obtain medical attention immediately.
FIRST AID – SKIN	Remove from skin and wash thoroughly with soap and water. Get medical attention if irritation or other ill effects persist.
FIRST AID – EYE	Immediately flush with water for 15 minutes.
FIRST AID – INGESTION	Obtain medical attention.

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	Minute quantities of flammable hydrogen gas can accumulate. Adequately ventilate to maintain vapors well below flammability limits.
EXTINGUISHING MEDIA	Use water spray, foam, dry chemical or carbon dioxide. Be aware of the possibility of re-ignition. Keep containers and surroundings cool with water spray.
SPECIAL HAZARDS OF PRODUCT	This product may give rise to hazardous fumes in a fire. Be aware of possibility of re-ignition. Containers may explode in heat of fire. Dangerous when exposed to heat or flame.

PROTECTIVE EQUIPMENT FOR FIRE FIGHTING	Wear full protective clothing and self-contained breathing apparatus.
EXPLOSION DATA – SENSITIVITY TO IMPACT	NO
EXPLOSION DATA – SENSITIVITY TO STATIC DISCHARGE	YES

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES	Contain and absorb using earth, sand or other inert material. Transfer into suitable vented containers for recovery or disposal. Small amounts of silicone may present a slip hazard.
PERSONAL PRECAUTIONS	Eliminate all sources of ignition. Vapors can accumulate in low areas. Consider need for evacuation.
ENVIRONMENTAL PRECAUTIONS	Prevent the material from entering drains or watercourses. Notify authorities if spill has entered watercourse or sewer or has contaminated soil or vegetation.

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	Use in well-ventilated area. Use local exhaust ventilation. Product evolves flammable ethyl alcohol on exposure to water or humid air. Control ethanol within exposure guidelines or use respiratory protection. Avoid inhaling vapor. Avoid contact with eyes, skin and clothing. Do not take internally. Keep container tightly closed when not in use.
STORAGE	Store away from sources of heat or ignition. Storage area should be: cool, dry, well ventilated, out of direct sunlight, away from incompatible materials. DO NOT FREEZE.

INFORMATION ABOUT PROTECTION AGAINST EXPLOSIONS AND FIRES:
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	Exposure to this material may be controlled in a number of ways. The measures appropriate for a particular worksite depend on how the material is used and on the potential for exposure. If engineering controls and work practices are not effective in preventing or controlling exposure, then suitable personal protective equipment, which is known to perform satisfactorily, should be used.
RESPIRATORY PROTECTION	The specific respirator selected must be based on the airborne concentration found in the workplace and must not exceed the working limits of the respirator. The following protection is recommended: Respirator equipped with an organic vapor cartridge.
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. During application, flames and unsealed lights must be extinguished and adequate ventilation must be provided.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid
ODOUR & APPEARANCE	Slight, white
ODOR THRESHOLD (ppm)	NA
SPECIFIC GRAVITY	0.958
VAPOR DENSITY (AIR = 1)	Water
VAPOR PRESSURE 20 C	17 mmHg
EVAPORATION RATE	Water
BOILING POINT (^{0} C)	100 - 105
FREEZING POINT (^{0} C)	-5 - 0
pH	NA

COEFFICIENT OF WATER/OIL DISTRIBUTION	Water Soluble
SOLUBILITY IN WATER	100%
VOC (g/l)	NA
FLASH POINT (PMCC) (°C/F)	100C/212F
UPPER FLAMMABLE LIMIT %VOL	NA
LOWER FLAMMABLE LIMIT %VOL	NA
AUTOIGNITION TEMP (°C/F)	NA

10. STABILITY AND REACTIVITY

STABILITY	Stable under normal conditions
CONDITIONS TO AVOID	High temperatures, Static discharge, Do not freeze.
MATERIALS TO AVOID	Oxidizing agents, Alkalis, Acids, Bases, metals, when in contact with product, may liberate flammable hydrogen gas that can form explosive mixtures in air.
HAZARDOUS POLYMERIZATION	Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS	Oxides of carbon, Formaldehyde, Silicon Dioxide, Nitrogen Oxides, and Hydrogen.

11. TOXICOLOGICAL INFORMATION

EFFECTS OF ACUTE EXPOSURE	Vapors may be irritating to the nose, throat, upper respiratory tract and lungs. Short exposure to skin causes no known adverse effects.
EFFECTS OF CHRONIC EXPOSURE	May irritate skin, direct contact with eyes irritates with redness and swelling.
EXPOSURE LIMITS	NA
IRRITANCY	Mild irritation expected
SENSITIZATION	No
CARCINOGENICITY	No known effect in humans
REPRODUCTIVE TOXICITY	No known effect in humans
TERATOGENICITY	Prolonged overexposure to Ethanol has caused human birth defects.
MUTAGENICITY	NA
TOXICOLOGICALLY SYNERGISTIC PRODUCTS	NA

12. ECOLOGICAL INFORMATION

MOBILITY	Some of the product will leach into soil. The product will dissolve in water. Complete information is not yet available.
PERSISTENCE/DEGRADABILITY	The product is expected to biodegrade slowly.
BIO-ACCUMULATION	Product may bioaccumulate to a limited extent.
ECOTOXICITY	Slight toxicity away from site of leak. Moderately high-localized toxicity.

RESULTS of PBT and vPvB Assessment
PBT: N/A
vPvB: N/A

13. DISPOSAL CONSIDERATIONS

PRODUCT DISPOSAL	Absorb product on an inert material (sand or earth) and transfer absorbed product into a vented waste container. Do not incinerate closed containers. Dispose of in accordance with all applicable local and national regulations.
CONTAINER DISPOSAL	Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld on or near to the container. Do not incinerate closed containers.

UNCLEANED PACKAGINGS
Recommendation: Disposal must be made according to official regulations

14. TRANSPORTATION INFORMATION

CANADA	**TDG CLASSIFICATION**
HAZARD LABEL 3 NOT REQUIRED	Not Regulated. Do Not Freeze
EXPORT	
DOT CFR 172.101 DATA	Not Regulated
UN PROPER SHIPPING NAME	Not Regulated Do Not Freeze
UN CLASS	NA
UN NUMBER	NA
UN PACKAGING GROUP	NA
FLASH POINT	NA

HAZARDOUS MATERIAL	NA
HAZARD LABEL	NA
MARINE POLLUTANT	NO
SPECIFIC PRECAUTIONS FOR USER	M/A

15. REGULATORY INFORMATION

WHMIS CLASSIFICATION: CLASS B, DIV.6 – Reactive flammable material
: CLASS D, DIV.2, SUBDIVISION A-Very toxic material.
: 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.

16. OTHER INFORMATION

HAZARD RATING (HMIS)	HEALTH: 3 FLAMMABLITY: 5 REACTIVITY: 5 1-MINIMAL; 2-SLIGHT; 3-MODERATE; 2-HIGH; 1-EXTREME
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	**October 9, 2018**

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.