SAFETY DATA SHEET

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

TRADE NAME	**1113 30% ACRYLIC SEALER B2, D2B**		
PRODUCT USE	An acrylic primer/sealer coat for foam roofs previously coated with a silicone base membrane before application of the EBM membranes.		
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
EMERGENCY NUMBER	613-996-666 or *666 CANUTEC 1-800-535-5053 UNITED STATES POISON INFORMATION CENTRE		

2. HAZARDS IDENTIFICATION


GHS CLASSIFICATION: Flammability 2, Reactivity 5, Health 3

ROUTE OF ENTRY	Absorption, Eye contact, Ingestion, Inhalation, Skin contact.
CARCINOGENIC STATUS	Not considered carcinogenic by NTP, IARC, and OSHA.
TARGET ORGANS	Eye, Skin, Lung, Liver, Kidney, Central nervous system, reproductive.
HEALTH EFFECTS – EYE	Liquid, mist or vapor will cause conjunctival irritation and possibly corneal damage. Severely irritating.
HEALTH EFFECTS – SKIN	Material may cause irritation. Liquid is absorbed through the skin in toxicologically significant amounts if area of contact is large and exposure is prolonged. Repeated or prolonged contact may produce defatting of the skin leading to irritation and dermatitis.
HEALTH EFFECTS – INGESTION	Aspiration during swallowing or vomiting may severely damage the lungs. Swallowing may have the following effects: irritation of mouth, throat and digestive tract, headache dizziness, drowsiness and intoxication.
HEALTH EFFECTS – INHALATION	Exposure to vapor at high concentrations may have the following effects: dizziness, headache, drowsiness, intoxication, and anesthesia.

3.COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	**CAS NUMBER**	**WEIGHT %**	**TWA ppm**	**LD50 ORAL RAT Mg/kg**	**LC50 INHAL RAT** ppm
TOLUENE (METHYL BENZENE)	108-88-3	60 – 100	100	650	400

4. FIRST AID MEASURES

FIRST AID – INHALATION	Remove from exposure. If there is difficulty in breathing, give oxygen. Obtain medical attention immediately. Repeated exposure may cause liver and kidney damage.
FIRST AID – SKIN	Immediately flood the skin with large quantities of water, preferably under a shower. Contaminated clothing should be washed or dry-cleaned before re-use. Obtain medical attention if blistering occurs or redness persists. Repeated exposure may cause liver and kidney damage.
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.
FIRST AID – INGESTION	Have victim drink 1 – 3 glasses of water or preferably milk to dilute stomach content and slow absorption. DO NOT INDUCE VOMITING. If there is difficulty in breathing give oxygen. Obtain medical attention. If victim vomits keep person in leaning position (victim's head below the hips) to avoid aspiration of vomit. Repeated exposure may cause liver and kidney damage.

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	FLAMMABLE LIQUID. Fire hazard. Avoid heat, sparks, open flame and other sources of ignition. Vapour may form explosive mixture with air.
EXTINGUISHING MEDIA	Use foam, dry chemical, water fog, carbon dioxide, and water spray only to cool fire-exposed containers. Product floats on water – water jet spreads flames.
SPECIAL HAZARDS OF PRODUCT	This product may give rise to hazardous fumes in a fire. Be aware of the possibility of re-ignition. Containers may explode in heat of fire. Vapours can travel a considerable distance to a source of ignition and flashback. 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	Not sensitive.
EXPLOSION DATA – SENSITIVITY TO STATIC DISCHARGE	Will accumulate a static charge on agitation.

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES	Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.
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. Avoid inhaling vapor. Avoid contact with eyes, skin and clothing. 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.

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	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 viton gloves must be worn during all handling operations.
EYE PROTECTION	Chemical goggles should be worn during all handling operations.
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	Clear
ODOR THRESHOLD (ppm)	Aromatic
SPECIFIC GRAVITY	0.850 – 0.870
VAPOR DENSITY (AIR = 1)	Not determined
VAPOR PRESSURE 20ºC	Not determined
EVAPORATION RATE	Not determined
BOILING POINT (ºC)	110 ºC/230ºF
FREEZING POINT (ºC)	-95ºC
pH	Neutral
COEFFICIENT OF WATER/OIL DISTRIBUTION	Not determined
SOLUBILITY IN WATER	Insoluble
VOC (g/l)	NA
FLASH POINT (PMCC) (ºC/ºF)	7ºC / 44.6ºF
UPPER FLAMMABLE LIMIT %VOL	7.1
LOWER FLAMMABLE LIMIT %VOL	1.2
AUTOIGNITION TEMP (ºC/ºF)	480-550ºC / 896-1022ºF

10. STABILITY AND REACTIVITY

STABILITY	Stable under normal conditions
CONDITIONS TO AVOID	High temperatures, static discharge, exposure to direct sunlight.
MATERIALS TO AVOID	Strong oxidizing agents, Alkalis, Acids, Bases
HAZARDOUS POLYMERIZATION	Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS	Oxides of carbon, nitrogen oxides, smoke.

11. TOXILOGICAL INFORMATION

EFFECTS OF ACUTE EXPOSURE	**Skin** – Irritant, prolonged and repeated contact can cause defatting and drying of the skin, resulting in irritation and dermatitis. May be absorbed. **Eyes** – Irritant may cause a burning sensation, redness, swelling, and/or blurred vision. **Inhalation** – May cause irritation of nasal and respiratory passages, CNS depression, headache, dizziness, nausea, or possibly death. **Ingestion** – Aspiration of material into the lungs can cause chemical pneumonitis, which can be fatal.
EFFECTS OF CHRONIC EXPOSURE	Overexposures of humans produced predominately central nervous system (CNS) effects with less common effects reported to the lung, gastrointestinal tract, liver, kidney and heart.
EXPOSURE LIMITS	100 ppm TWAEV
IRRITANCY	Moderate irritation expected
SENSITIZATION	No
CARCINOGENICITY	No known effect in humans
REPRODUCTIVE TOXICITY	No known effect in humans
TERATOGENICITY	No data available
MUTAGENICITY	No data available
TOXICOLOGICALLY SYNERGISTIC PRODUCTS	Aggravates existing dermatitis.

12. ECOLOGICAL INFORMATION

MOBILITY	If released to soil, it will evaporate at a moderate rate. The product is absorbed onto soils or sediments. The product will leach into soil. It floats on water.
PERSISTENCE/DEGRADABILITY	The product is expected to biodegrade slowly.
BIO-ACCUMULATION	The product is not expected to bio-accumulate.
ECOTOXICITY	The product may be harmful to aquatic organisms.

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 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.

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

14. TRANSPORTATION INFORMATION

CANADA / UNITED STATES	TDG CLASSIFICATION / DOT CFR 172.101 DATA
TDG (CANADA)	(<1 gallon) Proper Shipping Name: Limited Quantity
DOT CFR 172.101 DATA	(<1 gallon) Proper Shipping Name: Consumer Commodity, ORM-D
UN PROPER SHIPPING NAME	PAINT
UN CLASS	3
UN NUMBER	UN1263
UN PACKAGING GROUP	II
FLASH POINT	7ºC / 44.6ºF
HAZARDOUS MATERIAL	(1113) TOLUENE 85%, (1114) TOLUENE 70%
HAZARD LABEL	3
MARINE POLLUTANT	NO
SPECIFIC PRECAUTIONS FOR USER	M/A

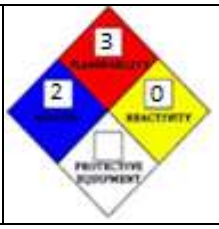
15. REGULATORY INFORMATION

SARA Title III Sect. 304	Toluene
SARA Title III Sect. 311/312 Categorization	Immediate (Acute) Health Hazard Delayed (Chronic) Health Hazard … Flammable
SARA Title III Sect. 313	This product contains a chemical which is listed I Section 313 at or above de minimis concentrations. The following listed chemicals are present: Toluene
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

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	October 27, 2021

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.