MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	**1260 MG-KRETE CONCRETE RESURFACER – Part B D2B**
PRODUCT USE	Activator for Concrete Repair Material (MG-KRETE 1260 – Part A, FINE, FLEX, REGULAR, or STAMP)
MANUFACTURE'S NAME	IMCO TECHNOLOGIES INC. TEL 1-888-818-4626 6254 SKYWAY RD., PO BOX 915 FAX 905-527-0606 SMITHVILLE, ON. L0R 2A0
SUPPLIER'S NAME	SEE MANUFACTURER
EMERGENCY NUMBER	1-905-546-6732 1-800-535-5053 UNITED STATES POISON INFORMATION CENTRE
MSDS REVISION DATE	January 15, 2012

2. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	WEIGHT %	CAS NUMBER	TWA ppm	LD50 ORAL RAT Mg/kg	LC50 INHAL RAT ppm
NO HAZARDOUS INGREDIENTS	NA	NA	NA	NA	NA

Decomposes to release ammonia at high temperature.

3. HAZARDS IDENTIFICATION

ROUTE OF ENTRY	Eye contact, Ingestion, Skin contact.
CARCINOGENIC STATUS	Not considered carcinogenic by NTP, IARC, and OSHA.
TARGET ORGANS	Eye, Skin.
HEALTH EFFECTS – EYE	Direct contact may cause mild irritation.
HEALTH EFFECTS – SKIN	Material may cause mild irritation.
HEALTH EFFECTS – INGESTION	Low ingestion hazard in normal use. Repeated ingestion or swallowing large amounts may injure internally.
HEALTH EFFECTS – INHALATION	Not generally considered an inhalation hazard.

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 or redness persists.
FIRST AID – SKIN	Flush skin with soap and water if irritation develops.
FIRST AID – INGESTION	Rinse mouth out with water. If person is conscious, dilute stomach contents with water and induce vomiting.
FIRST AID – INHALATION	Remove from exposure. Obtain medical attention immediately.

5. FIRE FIGHTING MEASURES

CONDITIONS OF FLAMMABILITY	Non-flammable. Used as a fire-retardant.
EXTINGUISHING MEDIA	This solution is essentially nonflammable. If involved in a fire, use water. All standard agents are acceptable – water, dry chemical, Carbon Dioxide and foam.
SPECIAL HAZARDS OF PRODUCT	When heated, it may give off ammonia fumes. (This material is a fire retardant)
PROTECTIVE EQUIPMENT FOR FIRE FIGHTING	Due to possible evolution of ammonia, wear self-contained breathing apparatus approved by NIOSH. Use water spray to keep containers cool.
FLASH POINT (PMCC) (°C/F)	Non-flammable
UPPER FLAMMABLE LIMIT %VOL	None
LOWER FLAMMABLE LIMIT %VOL	None
AUTOIGNITION TEMP (°C/F)	None
EXPLOSION DATA – SENSITIVITY TO IMPACT	No
EXPLOSION DATA – SENSITIVITY TO STATIC DISCHARGE	No

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES	Dike and contain spill with inert material e.g. sand or earth. Transfer liquid to containers for recovery or disposal and diking material to separate containers for disposal.
PERSONAL PRECAUTIONS	If spilled, floor may be slippery, use care to avoid falling. Minimize contact of liquid with eyes, skin and clothing.
ENVIRONMENTAL PRECAUTIONS	Prevent the material from entering drains or watercourses. Notify authorities if spill has entered watercourse or sewer.

7. HANDLING AND STORAGE

HANDLING	Avoid contact with eyes, skin and clothing.
STORAGE	Avoid using containers, pipes and fittings made of zinc-clad or copper-bearing alloys that are corroded by ammonia.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROL MEASURES	Good ventilation practice should be exercised where necessary.
RESPIRATORY PROTECTION	None required under normal conditions.
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	Will release ammonia gas when mixed with 1260 Part A. Venting or respiration equipment may be required when working in confined spaces.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid
ODOUR & APPEARANCE	Slight ammonia, Dark Green
ODOR THRESHOLD (ppm)	NA
SPECIFIC GRAVITY	1.38 – 1.44
VAPOR DENSITY (AIR = 1)	NA
VAPOR PRESSURE 20 C	NA
EVAPORATION RATE	NA
BOILING POINT (^{0} C)	104 – 110C
FREEZING POINT (^{0} C)	NA
pH	5.9 – 6.1
COEFFICIENT OF WATER/OIL DISTRIBUTION	NA
SOLUBILITY IN WATER	Complete
VOC (g/l)	0

10. STABILITY AND REACTIVITY

STABILITY	Stable under normal conditions
CONDITIONS TO AVOID	When heated as in a fire, gives off ammonia gas.
MATERIALS TO AVOID	Zinc clad, copper-bearing alloys and aluminum. Water reactive materials.
HAZARDOUS POLYMERIZATION	Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS	Decomposes to produce ammonia at high temperatures.

11. TOXICOLOGICAL INFORMATION

EFFECTS OF ACUTE EXPOSURE	May irritate eyes and skin upon contact. May cause nausea or diarrhea if ingested.
EFFECTS OF CHRONIC EXPOSURE	May irritate skin, direct contact with eyes irritates with redness and swelling.
EXPOSURE LIMITS	None established for this product.
IRRITANCY	Mild irritation expected
SENSITIZATION	No
CARCINOGENICITY	Not listed by ACGIH, IARC, OSHA, and NTP.
REPRODUCTIVE TOXICITY	No known effect in humans
TERATOGENICITY	Not listed by ACGIH, IARC, OSHA, and NTP.
MUTAGENICITY	Not listed by ACGIH, IARC, OSHA, and NTP.
TOXICOLOGICALLY SYNERGISTIC PRODUCTS	NA

12. ECOLOGICAL INFORMATION

MOBILITY	Expected to break down in environment to ammonia and phosphate salts.
PERSISTENCE/DEGRADABILITY	The product is expected to biodegrade slowly.
BIO-ACCUMULATION	Product may bioaccumulate to a limited extent..
ECOTOXICITY	Unknown – depends on concentration. In high concentrations, may be toxic, due to pH changes and ammonia discharge.

13. DISPOSAL CONSIDERATIONS

PRODUCT DISPOSAL	If uncontaminated, recover and re-use. Landfill or incinerate the solids and the contaminated diking material according to local, state or federal regulations.
CONTAINER DISPOSAL	Labels should not be removed from containers until they have been cleaned. Recycle or dispose of according to local, state or federal regulations.

14. TRANSPORTATION INFORMATION

CANADA	**TDG CLASSIFICATION**
HAZARD LABEL NOT REQUIRED	Not Regulated.
EXPORT	
DOT CFR 172.101 DATA	Not Regulated by D.O.T.
UN PROPER SHIPPING NAME	NA
UN CLASS	NA
UN NUMBER	NA
UN PACKAGING GROUP	NA
FLASH POINT	NA
HAZARDOUS MATERIAL	NA
HAZARD LABEL	NA

15. REGULATORY INFORMATION

WHMIS CLASSIFICATION: CLASS D, DIV.2, SUBDIVISON 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: 1 FLAMMABLITY: 0 REACTIVITY: 0 0-MINIMAL; 1-SLIGHT; 2-MODERATE; 3-HIGH; 4-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.

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.