SAFETY DATA SHEET

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

<table>
<thead>
<tr>
<th>TRADE NAME</th>
<th>700US</th>
<th>IM-KOTE 700 SERIES Part A</th>
<th>B2, D2A, F</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPLICATION OF THE</td>
<td>Part A for 710 NCF Primer for all Im-kote systems, 724 NCF Floor – polymer concrete floor overlay, 727 NCF Liner – polymer concrete for vertical toweling, tank lining, 735 NCF Finish-Clear &amp; Coloured, 740 NCF Grout – a chemical resistant, non-shrinking grout.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SUBSTANCE/PREPARATION</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MANUFACTURE/SUPPLIER</td>
<td>IMCO TECHNOLOGIES</td>
<td>TEL 1-877-957-4626</td>
<td>IMCO TECHNOLOGIES</td>
</tr>
<tr>
<td></td>
<td>6254 SKYWAY RD., PO BOX 915</td>
<td>FAX 905-527-0606</td>
<td>3909 Witmer RD, Suite 1014</td>
</tr>
<tr>
<td></td>
<td>SMITHVILLE, ON. LOR 2A0</td>
<td></td>
<td>NIAGARA FALLS, NY 14305</td>
</tr>
<tr>
<td>EMERGENCY NUMBER</td>
<td>613-996-6666 or *666 CANUTEC</td>
<td>1-800-535-5053</td>
<td>UNITED STATES POISON INFORMATION CENTRE</td>
</tr>
</tbody>
</table>

2. HAZARDS IDENTIFICATION

ROUTE OF ENTRY
Absorption, Eye contact, Ingestion, Inhalation, Skin contact.

CARCINOGENIC STATUS
IARC has classified styrene in group 2B (Possible human carcinogen)

TARGET ORGANS
Eye, Skin, Lung, Liver, Kidney, Heart, Central Nervous System, Reproductive.

HEALTH EFFECTS – EYE
Can cause severe irritation, redness, tearing, blurred vision.

HEALTH EFFECTS – SKIN
Material will cause moderate irritation. Repeated or prolonged contact may produce defatting of the skin leading to irritation and dermatitis.

HEALTH EFFECTS – INGESTION
Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis, which can be fatal.

HEALTH EFFECTS – INHALATION
Excessive inhalation of vapors can cause nasal and respiratory irritation and central nervous system effects including dizziness, weakness, fatigue, nausea, headache and possible unconsciousness.

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>HAZARDOUS INGREDIENTS</th>
<th>CAS NUMBER</th>
<th>WEIGHT %</th>
<th>TWA ppm</th>
<th>LD50 ORAL RAT Mg/kg</th>
<th>LC50 INHAL RAT ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>STYRENE</td>
<td>100-42-5</td>
<td>40-70-100</td>
<td>50</td>
<td>2,650</td>
<td>2,800 (4Hr)</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

FIRST AID – INHALATION
Remove from exposure. If there is difficulty in breathing, give oxygen. Obtain medical attention immediately and administer artificial respiration if breathing stops.

FIRST AID – SKIN
Thoroughly wash exposed area with soap and water. Remove contaminated clothing and launder before re-use.

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 to dilute stomach contents. DO NOT INDUCE VOMITING. If there is difficulty in breathing give oxygen. Obtain medical attention immediately.

INFORMATION FOR DOCTOR:
Most important symptoms and effects, both acute and delayed
No further relevant information available
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 and flame.

**EXTINGUISHING MEDIA**
Use foam, dry chemical, water fog, carbon dioxide, and water spray only to cool fire-exposed containers.

**SPECIAL HAZARDS OF PRODUCT**
This product is volatile and readily gives off vapours which may travel along the ground or be moved by ventilation and ignited by pilot lights, flames, sparks, heaters, smoking, electric motors, static discharge or other sources at locations distant from product handling point. Under fire conditions, polymerization may occur. If this happens in a closed container, there is a possibility it will explode violently. Cool containers with water if exposed to fire.

**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**
Eliminate all sources of ignition such as flares, flames, pilot lights and electrical sparks. Absorb liquid on vermiculite, floor absorbent or other absorbent material.

**PERSONAL PRECAUTIONS**
Person not wearing protective equipment should be excluded from area of spill until clean up has been completed. Good personal hygiene is essential. Hands and other exposed areas should be washed with soap and water after contact.

**ENVIRONMENTAL PRECAUTIONS**
Prevent the material from entering drains or watercourses. Notify authorities if spill has entered watercourse or sewer.

**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, and well ventilated, out of direct sunlight, away from incompatible materials.

**INFORMATION ABOUT PROTECTION AGAINST EXPLOSIONS AND FIRES:**
Keep ignition sources away – Do not Smoke
Protect against electrostatic charges

**SPECIFIC END USER(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 must be worn during all handling operations. Neoprene gloves.

**EYE PROTECTION**
Chemical goggles must 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 and boots.

**PROTECTION DURING APPLICATION**
During application, adequate ventilation must be provided. If ventilation is poor, wear respiratory protection. During application, flames and unsealed lights must be extinguished and adequate ventilation must be provided. WARNING: When part A is mixed with part B and/or part C, if not applied before curing starts, tremendous heat build-up is possible. Sudden release of hot organic chemical vapours may result in ignitions without the presence of obvious ignition sources.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PHYSICAL STATE</strong></td>
<td>Liquid</td>
</tr>
<tr>
<td><strong>ODOUR &amp; APPEARANCE</strong></td>
<td>Styrene odour, amber, various colours</td>
</tr>
<tr>
<td><strong>ODOR THRESHOLD (ppm)</strong></td>
<td>NA</td>
</tr>
<tr>
<td><strong>SPECIFIC GRAVITY</strong></td>
<td>1.00 – 1.10</td>
</tr>
<tr>
<td><strong>VAPOR DENSITY (AIR = 1)</strong></td>
<td>1.00</td>
</tr>
<tr>
<td><strong>VAPOR PRESSURE 20 °C</strong></td>
<td>4.5 mm/Hg</td>
</tr>
<tr>
<td>Property</td>
<td>Value</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>---------------------------</td>
</tr>
<tr>
<td>EVAPORATION RATE</td>
<td>NA</td>
</tr>
<tr>
<td>BOILING POINT (°C)</td>
<td>142/293F</td>
</tr>
<tr>
<td>FREEZING POINT (°C)</td>
<td>NA</td>
</tr>
<tr>
<td>pH</td>
<td>NA</td>
</tr>
<tr>
<td>COEFFICIENT OF WATER/OIL DISTRIBUTION</td>
<td>NA</td>
</tr>
<tr>
<td>SOLUBILITY IN WATER</td>
<td>Negligible</td>
</tr>
<tr>
<td>VOC (g/l)</td>
<td>NA</td>
</tr>
<tr>
<td>FLASH POINT (PMCC) (°C/F)</td>
<td>32°C / 90°F</td>
</tr>
<tr>
<td>UPPER FLAMMABLE LIMIT %VOL</td>
<td>6.1</td>
</tr>
<tr>
<td>LOWER FLAMMABLE LIMIT %VOL</td>
<td>1.1</td>
</tr>
<tr>
<td>AUTOIGNITION TEMP (°C/F)</td>
<td>NA</td>
</tr>
</tbody>
</table>

### 10. STABILITY AND REACTIVITY

**STABILITY**
Stable under normal conditions.

**CONDITIONS TO AVOID**
High temperatures, Static discharge, all sources of ignition.

**MATERIALS TO AVOID**
Contact with: acids, aluminum chloride, halogens, metal salts, peroxides, strong alkalis, and strong oxidizing agents.

**HAZARDOUS POLYMERIZATION**
Product can undergo hazardous polymerization. Avoid exposure to excessive heat, peroxides and polymerization catalysts.

**HAZARDOUS DECOMPOSITION PRODUCTS**
May form: carbon dioxide, carbon monoxide, toxic fumes and various hydrocarbons.

### 11. TOXICOLOGICAL 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, headache, dizziness, nausea, drowsiness, intoxication and weakness. **Ingestion** – headache, dizziness, nausea, and drowsiness.

**EFFECTS OF CHRONIC EXPOSURE**
Overexposure has been suggested as a cause of the following effects in humans: mild effects on colour vision, effects on hearing, respiratory tract damage (nose, throat and airways), central nervous system effects.

**EXPOSURE LIMITS**
50 ppm TWAEV

**IRRITANCY**
Moderate irritation expected

**SENSITIZATION**
No

**CARCINOGENICITY**
IARC has classified styrene in group 2B (Possible human carcinogen)

**REPRODUCTIVE TOXICITY**
No data available.

**TERATOGENICITY**
In animal studies, this material has shown to cause harm to the fetus only at exposure levels that harm the pregnant animal. The relevance of these findings to humans is uncertain.

**MUTAGENICITY**
No data available.

**TOXICOLOGICALLY SYNERGISTIC PRODUCTS**
Styrene readily reacts with low concentrations of halogens (fluorine, chlorine, bromine or iodine) to form a tear-producing substance.

### 12. ECOLOGICAL INFORMATION

**MOBILITY**
No data available.

**PERSISTENCE/DEGRADABILITY**
No data available.

**BIO-ACCUMULATION**
No data available.

**ECOTOXICITY**
No data available.

**Results of PBT and vPvB assessment**
- PBT: Not applicable
- vPvP: Not applicable

### 13. DISPOSAL CONSIDERATIONS

**PRODUCT DISPOSAL**
Dispose of as hazardous waste. 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. Empty containers may contain hazardous residues. Dispose of containers with care.

### 14. TRANSPORTATION INFORMATION

Uncleaned packagings:
Recommendation: Disposal must be made according to official regulations.
### 15. REGULATORY INFORMATION

<table>
<thead>
<tr>
<th>DOT CFR 172.101 DATA</th>
<th>Proper Shipping Name: Consumer Commodity, ORM-D</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN NUMBER</td>
<td>UN 1866</td>
</tr>
<tr>
<td>UN PACKAGING GROUP</td>
<td>III</td>
</tr>
<tr>
<td>FLASH POINT</td>
<td>32°C</td>
</tr>
<tr>
<td>HAZARDOUS MATERIAL</td>
<td>STYRENE MONOMER 57%</td>
</tr>
<tr>
<td>HAZARD LABEL</td>
<td>3</td>
</tr>
<tr>
<td>Marine Pollutant</td>
<td>NO</td>
</tr>
<tr>
<td>Special precautions for user</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**WHMIS**: CLASS B-2  Flammable Liquid with flash point lower than 37.8°C (100°F)
- CLASS D-2A  Material causing other toxic effects. (VERY TOXIC MATERIAL)
- CLASS F  Dangerously reactive material.

**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: 2
- FLAMMABILITY: 3
- REACTIVITY: 4
- 5-MINIMAL; 4-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.

**REVISION DATE**: October 11, 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.