GHS SAFETY DATA SHEET (SDS)

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT: Part #3330 – 180 Min. High Temp Tooling Cure

FIBRE GLAST DEVELOPMENTS CORP.
385 CARR DRIVE
BROOKVILLE, OH 45309

TELEPHONE: (937) 833-5200
FAX: (937) 833-6555
FOR CHEMICAL EMERGENCY
CALL (801) 629-0667 24 HRS.

RECOMMENDED USE: Industrial Curing Agent supplied exclusively for workplace use.

SECTION 2 – HAZARDS IDENTIFICATION

GHS CLASSIFICATION

Eye Damage : Category 1
Acute Toxicity (Oral & Inhalation) : Category 4
Skin Sensitizer : Category 1

GHS Label Element
Hazard pictograms :

Signal Word : Danger

Hazard statements : H318 Causes serious eye damage.
H302+332 Harmful if swallowed, or if inhaled.
H317 May cause an allergic skin reaction.
Precautionary statements:  
P202 Do not handle until all safety precautions have been read/understood.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P270 Do not eat, drink or smoke when using this product.  
P281 Use personal protective equipment as required.  
P285 In case of inadequate ventilation wear respiratory protection.  
P273 Avoid release to the environment.

<table>
<thead>
<tr>
<th>NO.</th>
<th>CANCER</th>
<th>REPRO-TOX</th>
<th>TARGET ORGANS</th>
<th>ACGIH/TLV</th>
<th>OSHA/PEL</th>
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</thead>
<tbody>
<tr>
<td>P</td>
<td>NO</td>
<td>NO</td>
<td>UNKNOWN</td>
<td>N.A.mg/M³</td>
<td>N.A.mg/M³</td>
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SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

UNDER GHS-OSHA §4.11 THE PRECISE COMPOSITION OF THIS PRODUCT IS WITHHELD AS CONFIDENTIAL BUSINESS INFORMATION (CBI). A MORE COMPLETE DISCLOSURE CAN BE PROVIDED TO A HEALTH, OR SAFETY PROFESSIONAL WHEN NECESSARY.

Substance/Mixture: Mixture

<table>
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<tr>
<th>NO.</th>
<th>COMPONENT</th>
<th>CAS. NO.</th>
<th>PERCENT</th>
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<tbody>
<tr>
<td>P</td>
<td>MODIFIED AMINE MIXTURE</td>
<td>N.A.</td>
<td>&lt; 100%</td>
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</table>

SECTION 4 – FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:
- **EYES:** IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.
- **SKIN:** WASH AFFECTED AREA IMMEDIATELY WITH LARGE AMOUNTS OF SOAP AND WATER. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE. CONTACT A PHYSICIAN IF IRRITATION OCCURS.
- **INHALATION:** REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION.
- **INGESTION:** DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER. CALL A PHYSICIAN IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
SECTION 5 – FIRE-FIGHTING MEASURES

FLASH POINT: ≥200°F (FOR PRODUCT OR LOWEST FLASH POINT INGREDIENT)
FLAMMABILITY CLASSIFICATION: COMBUSTIBLE CLASS (IIIB)
EXTINGUISHING MEDIA: WATER FOG, DRY CHEMICAL, CARBON DIOXIDE, OR FOAM.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

• IF MATERIAL IS SPILLED: AVOID CONTACT WITH MATERIAL. PERSONS NOT WEARING PROPER PROTECTIVE EQUIPMENT (SEE BELOW) SHOULD BE EXCLUDED FROM THE AREA UNTIL CLEAN UP IS COMPLETE. DIKE AREA TO PREVENT SPILL SPREADINGS AND SCOOP UP EXCESS TO RECOVERY CONTAINERS. ABSORB REMNANT ON NONCOMBUSTIBLE MATERIAL SUCH AS CLAY AND SHOVEL INTO CONTAINERS FOR DISPOSAL.
• WASTE DISPOSAL METHOD: DISPOSE OF ANY WASTE(S) GENERATED ABOVE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

SECTION 7 – HANDLING AND STORAGE

• AVOID SKIN AND EYE CONTACT.
• AVOID BREATHING VAPOR, MIST OR FUMES.
• ENSURE THAT ALL CONTAINERS ARE PROPERLY LABELED TO PREVENT ACCIDENTAL INGESTION OR IMPROPER DISPOSAL.
• RESEAL PARTLY USED CONTAINERS.
• WASH WITH SOAP AND WATER BEFORE EATING, DRINKING OR USING TOILET FACILITIES.
• STORE UNDER COOL, DRY CONDITIONS AND AWAY FROM OPEN FLAMES AND HIGHTEMPERATURES.
• OBSERVE CONDITIONS OF GOOD INDUSTRIAL HYGIENE AND SAFE WORKING PRACTICE.

SECTION 8 – EXPOSURE CONTROLS/PERSOONAL PROTECTION

• RESPIRATORY PROTECTION: NOT NORMALLY NECESSARY UNLESS THE MATERIAL IS BEING USED IN SUCH A WAY AS TO PRODUCE DUST, MIST, VAPOR, FUMES, OR SMOKE, IN WHICH CASE NIOSH APPROVED RESPIRATORY PROTECTION SHOULD BE USED.
• VENTILATION: SHOULD BE SUFFICIENT TO CONTROL ANY DUST, MIST, VAPOR OR FUMES PRODUCED BY PROCESSING OR HANDLING METHOD. BREATHING OF VAPOR MUST BE AVOIDED.
• HAND PROTECTION: IMPERVIOUS GLOVES, NEOPRENE OR NITRILE RUBBER GLOVES.
• EYE PROTECTION: SPLASH PROOF GOGGLES OR SAFETY GLASSES WITH SIDESHIELDS.
• OTHER PROTECTIVE EQUIPMENT: CLEAN, BODY COVERING CLOTHING AND FOOTWEAR.
SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

- PHYSICAL STATE: LIQUID
- ODOR: AMMONIA LIKE
- COLOR: AMBER
- pH: ALKALINE
- SP. GR: 0.98
- DENSITY: 8.2 lbs. / gal.
- VAPOR PRESSURE: NEGLIGIBLE

NOTE: OTHER PROPERTIES ARE EITHER NOT AVAILABLE, OR DO NOT APPLY.

SECTION 10 – STABILITY AND REACTIVITY

- STABILITY: STABLE UNDER NORMAL STORAGE CONDITIONS. UNSTABLE AT ELEVATED TEMPERATURES. SLOWLY CORRODES COPPER, ALUMINUM, ZINC AND GALVANIZED SURFACES.
- INCOMPATIBILITY: STRONG OXIDIZING AGENTS, ORGANIC, LEWIS, OR MINERAL ACIDS, NITROUS ACID, SODIUM HYPOCHLORITE, AND PEROXIDES.
- HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON AND NITROGEN, NITRIC ACID, NITROSOAMINE, AND OTHER UNKNOWN ORGANIC COMPOUNDS.

SECTION 11 – TOXICOLOGICAL INFORMATION

EFFECTS OF OVEREXPOSURE:

ACUTE:
- EYES: CAUSES SEVERE CONJUNCTIVAL IRRITATION, CORNEAL INJURY AND IRITIS.
- SKIN: MAY CAUSE IRRITATION, BURNS, ULCERATION, OR SKINSENSITIZATION.
- INHALATION: VAPORS ARE IRRITATING AND MAY CAUSE TEARS, BURNING OF NOSE AND THROAT, COUGHING, WHEEZING, NAUSEA, AND VOMITING.
- INGESTION: MODERATELY TOXIC, MAY CAUSE MOUTH AND THROAT BURNS, ABDOMINAL PAIN, NAUSEA, VOMITING, WEAKNESS, THIRST, AND COMA.

CHRONIC:
- AMINE VAPORS MAY CAUSE LIVER & KIDNEY INJURY. EYE, SKIN OR LUNG DISORDERS MAY DEVELOP OR BE AGGRAVATED BY AMINES.

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY EFFECTS:
- AQUATIC TOXICITY: NO DATA IS AVAILABLE ON THE PRODUCT ITSELF.
- TOXICITY TO OTHER ORGANISMS: NO DATA AVAILABLE.

PERSISTANCE AND DEGRADABILITY:
- MOBILITY: NO DATA IS AVAILABLE ON THE PRODUCT ITSELF.
- BIOACCUMULATION: NO DATA IS AVAILABLE ON THE PRODUCT ITSELF.
SECTION 13 – DISPOSAL CONSIDERATIONS

- **WASTE DISPOSAL METHOD:** DISPOSE OF WASTE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.
- **CONTAINER DISPOSAL:** SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUE, ALL LABELED HAZARD PRECAUTIONS MUST BE OBSERVED. CONSULT WITH FEDERAL, STATE, AND LOCAL AUTHORITIES FOR DEFINITIONS OF “EMPTY” AND PROPER DISPOSAL PRACTICES.

SECTION 14 – TRANSPORT INFORMATION

- **U.S. Department of Transportation Ground (49 CFR)**
  
  | UN NUMBER | 1760 |
  | PROPER SHIPPING NAME | CORROSIVE LIQUID, N.O.S. |
  | CONTAINS | MODIFIED AMINE MIXTURE |
  | HAZARD CLASS | 8 |
  | PACKAGING GROUP | III |

- **International Air Transportation (ICAO/IATA)**
  
  | UN NUMBER | 1760 |
  | PROPER SHIPPING NAME | CORROSIVE LIQUID, N.O.S. |
  | CONTAINS | MODIFIED AMINE MIXTURE |
  | HAZARD CLASS | 8 |
  | PACKAGING GROUP | III |

- **Water Transportation (IMO/IMDG)**
  
  | UN NUMBER | 1760 |
  | PROPER SHIPPING NAME | CORROSIVE LIQUID, N.O.S. |
  | CONTAINS | MODIFIED AMINE MIXTURE |
  | HAZARD CLASS | 8 |
  | PACKAGING GROUP | III |
  | MARINE POLLUTANT | NO |

SECTION 15 – REGULATORY INFORMATION

| CAL SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT OF 1986 |
| NO. | CHEMICAL NAME | CAS. NO. | CANCER/REPRO.TOX | QUANTITY |

  THIS PRODUCT MAY CONTAIN TRACES OF PROP. 65 LISTED CHEMICALS AS IMPURITIES. HOWEVER, ANY USED AS INGREDIENTS ARE LISTED ABOVE.

**CERCLA – §40 CFR 302.4**

RELEASES EXCEEDING THE REPORTABLE QUANTITY (RQ) MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER. (800)424-8802

RQ = 100 lbs. (UNLISTED HAZARDOUS WASTE – CHARACTERISTIC OF CORROSIVITY)
RCRA — §40 CFR 261.33
RQ = 1000 lbs. (UNLISTED CORROSIVE CONTENT > 10%)

SARA TITLE III — §52 CFR 13378, §52 CFR 21152

<table>
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<tr>
<th>NO.</th>
<th>RQ(lbs.)</th>
<th>TPQ(lbs.)</th>
<th>SEC.313</th>
<th>313 CAT.</th>
<th>311/312</th>
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<tbody>
<tr>
<td>P</td>
<td>NONE</td>
<td>NOT LISTED</td>
<td>NOT LISTED</td>
<td>NONE</td>
<td>H1, H2</td>
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• 1 = REPORTABLE QUANTITY OF EXTREMELY HAZARDOUS SUBSTANCE, SEC. 302
• 2 = THRESHOLD PLANNING QUANTITY, EXTREMELY HAZARDOUS SUBSTANCE, SEC. 302
• 3 = TOXIC CHEMICAL, SEC. 313 (INDIVIDUAL CHEMICAL LISTED)
• 4 = TOXIC RELEASE INVENTORY FORM CATEGORY SEC. 313 (40 CFR 372.65C)
• 5 = HAZARD CATEGORY FOR SARA SEC. 311/312 REPORTING

H1 = IMMED. (ACUTE) HEALTH HAZARD
H2 = DELAYED (CHRONIC) HEALTH HAZARD
P3 = FIRE HAZARD
P4 = SUDDEN PRESSURE RELEASE HAZARD
P5 = REACTIVE HAZ.

VOC — SCAQMD RULES

<table>
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<tr>
<th>NO.</th>
<th>CHEMICAL RULES</th>
<th>QUANTITY</th>
<th>VP mm Hg</th>
<th>gms./l. @ 20ºC</th>
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</thead>
</table>
| NIL | NOTE: THIS PRODUCT DOES NOT CONTAIN SOLVENTS, BUT MAY CONTAIN INGREDIENTS WITH VP’S LOW ENOUGH TO BE EMITTED IF HEATED ALONE. WHEN 2 PART RESINS AND HARDENERS ARE PROPERLY MIXED TOGETHER THESE INGREDIENTS REACT TOGETHER AND ARE CONSUMED WITHOUT SIGNIFICANT ATMOSPHERIC EMISSIONS.

INTERNATIONAL CHEMICAL INVENTORY STATUS:

- EINECS-EU Listed, Exempted, Polymer substance, or as no longer polymer.
- AICS-AUSTRALIA All components are listed or exempted.
- ENCS-JAPAN All components are listed or exempted.
- ISHL-JAPAN All components are listed or exempted.
- KECI/ECL-KOREA All components are listed or exempted.
- IECSC/SEPA-CINA All components are listed or exempted.
- PICCS-PHILIPPINES All components are listed or exempted.
- DSL-CANADA All components are listed or exempted.
- TSCA-USA All components are listed or exempted.

WHMIS (CANADA)

- WHMIS: D2B Materials Causing Other Toxic Effects – Toxic Material
- WHMIS: E – Corrosive Material

SECTION 16 – OTHER INFORMATION

Revision Date
November 1, 2018

HMIS III CODES:

<table>
<thead>
<tr>
<th>CODE</th>
<th>RATING</th>
</tr>
</thead>
</table>
| HEALTH | 0 = MINIMAL
| FLAMMABILITY | 1 = SLIGHT
| REACTIVITY | 2 = MODERATE
| 3 = SERIOUS |
| 4 = SEVERE |

PERSONAL PROTECTION RATING TO BE SUPPLIED BY USER DEPENDING ON CONDITIONS OF USE.

The information accumulated herein is believed to be accurate but is not warranted to be, whether originating with Fibre Glast Developments Corporation or not. Recipients are advised to confirm in advance of need that the information