GHS SAFETY DATA SHEET (SDS)

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT: Part #3360 Urethane Casting Resin, 60 Shore A, Resin

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 Resin supplied exclusively for workplace use.

SECTION 2 – HAZARDS IDENTIFICATION

GHS CLASSIFICATION

Eye Irritation	: Category 2B
Acute Toxicity (Oral)	: Category 5
Skin Irritation	: Category 2
Target Organ Systemic Toxicity (single exposure)	: STOT SE3

GHS Label Element
Hazard pictograms :



Signal Word : Danger

Hazard statement(s):
H320: Causes eye irritation. (Eye Irrit. 2B)
H303: May be harmful if swallowed. (Acute Tox. 5 Oral)
H315: Causes skin irritation. (Skin Irrit. 2)
H335: May cause respiratory irritation. (STOT SE3)

Precautionary statement(s):
P202: Do not handle until all safety precautions have been read and 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.

NO.	CANCER	REPRO-TOX	TARGET ORGANS	ACGIH/TLV	OSHA/PEL
P	NO	NO	UNKNOWN	N.A. mg/M^3	N.A. mg/M^3
2	NO	NO	UNKNOWN	N.A. mg/M^3	N.A. mg/M^3

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

NO.	COMPONENT	CAS. NO.	PERCENT
P	POLYOL AMINE MIXTURE	N.A.	< 100%
2	DI-(METHYLTHIO) TOLUENEDIAMINE	106264-79-3	< 7%

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: ≥360°F (FOR PRODUCT OR LOWEST FLASH POINT INGREDIENT)
FLAMMABILITY CLASSIFICATION: COMBUSTIBLE CLASS (IIIB)
EXTINGUISHING MEDIA: WATER FOG, DRY CHEMICAL, CARBON DIOXIDE, OR FOAM.
NOTE: EITHER ATMOSPHERE-SUPPLY OR AIR-PURIFYING RESPIRATORS SHOULD BE AVAILABLE FOR FIRE FIGHTERS (20 CFR 1910.134).

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 SPREADING 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 HIGH TEMPERATURES.
- OBSERVE CONDITIONS OF GOOD INDUSTRIAL HYGIENE AND SAFE WORKING PRACTICE.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL 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 SIDE SHIELDS.
- **OTHER PROTECTIVE EQUIPMENT:** CLEAN, BODY COVERING CLOTHING AND FOOTWEAR.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

- PHYSICAL STATE……: LIQUID
- ODOR……..: BLAND
- COLOR……: DARK AMBER
- pH……..: NEUTRAL
- SP. GR.....: 1.04
- DENSITY……: 8.7 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.
- **INCOMPATIBILITY:** STRONG OXIDIZING AGENTS, STRONG LEWIS OR MINERAL ACIDS, AND STRONG MINERAL AND ORGANIC BASES.
- **HAZARDOUS DECOMPOSITION PRODUCTS:** HYDROGEN SULFIDE, SULPHUR COMPOUNDS, CARBON AND NITROGEN OXIDES, AND OTHER UNKNOWN ORGANIC COMPOUNDS.

SECTION 11 – TOXICOLOGICAL INFORMATION

EFFECTS OF OVEREXPOSURE:

ACUTE:

- **EYES:** PRODUCT IS MODERATELY IRRITTING TO THE EYES.
- **SKIN:** PRODUCT IS MODERTAELY IRRITATING TO THE SKIN AND MAY CAUSE SKIN SENSITIZATION.
- **INHALATION:** BECAUSE OF ITS LOW VOLATILITY THIS PRODUCT IS NOT LIKELY TO BE AN INHALATION HAZARD.
- **INGESTION:** PRODUCT IS CONSIDERED TO HAVE A LOW ORDER OF ACUTE ORAL TOXICITY.

CHRONIC:

- NO SPECIFIC HAZARDS KNOWN. PREXISTING EYE, SKIN OR LUNG DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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……: N.A.
PROPER SHIPPING NAME……: PLASTIC MATERIAL LIQUID, N.O.I.
CONTAINS……: NOT REGULATED*
HAZARD CLASS……: N.A.
PACKAGING GROUP……: N.A.

- **International Air Transportation (ICAO/IATA)**

UN NUMBER……: N.A.
PROPER SHIPPING NAME……: PLASTIC MATERIAL LIQUID, N.O.I.
CONTAINS……..: NOT REGULATED*
HAZARD CLASS……: N.A.

PACKAGING GROUP……..: N.A.

- **Water Transportation (IMO/IMDG)**

UN NUMBER……: N.A.
PROPER SHIPPING NAME……: PLASTIC MATERIAL LIQUID, N.O.I.
CONTAINS……: NOT REGULATED*
HAZARD CLASS……: N.A.
PACKAGING GROUP……: N.A
MARINE POLLUTANT……: NO

*Non-Bulk Packages may be shipped as Non-Regulated under §49 CFR 173.150(f).

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 NOT ESTABLISHED OR REQUIRED FOR THIS PRODUCT.

RCRA — §40 CFR 261.33

NOT A HAZARDOUS WASTE BY RCRA CRITERIA (40CFR261.20-24)

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

NO.	RQ (lbs.)	TPS (lbs.)	SEC.313	313 CAT.	311/312
	(•1)	(•2)	(•3)	(•4)	(•5)
P	NONE	NOT LISTED	NOT LISTED	NONE	H1
2	NONE	NOT LISTED	NOT LISTED	NONE	H2

•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 372.65 C)
•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

NO. CHEMICAL QUANTITY VP mm Hg gms./l. @ 20°C

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-CHINA 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

---

SECTION 16 – OTHER INFORMATION

HMIS III CODES:	RATINGS:	
HEALTH……..=**2**	0 = MINIMAL	3 = SERIOUS
FLAMMABILITY……...=**1**	1 = SLIGHT	4 = SEVERE
REACTIVITY……..=**0**	2 = MODERATE	

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 is current, applicable, and suitable to their circumstances.

GHS SAFETY DATA SHEET (SDS)

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT: Part #3360 Urethane Casting Resin, 60 Shore B, Hardener

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

TELEPHONE: (937) 833-5200
FAX: (937) 833-6555
FOR CHEMICAL EMERGENCY CALL (800) 424-9300 24 HRS.

RECOMMENDED USE: Industrial hardener supplied exclusively for workplace use.

SECTION 2 – HAZARDS IDENTIFICATION

GHS CLASSIFICATION

Acute Toxicity (Oral)	: Category 5
Skin Irritation	: Category 2
Skin Sensitizer	: Category 2
Eye Irritation	: Category 2B
Respiratory Sensitizer	: Category 1
Target Organ Systemic Toxicity (repeat exposure)	: Category 3
Reproductive Toxicity	: Category 2 (PHTHALATES)
Chronic Aquatic Toxicity	: Category 4 (PHTHALATES)

GHS Label Element
Hazard pictogram :

Irritant Health Environment



Signal Word : Danger

Hazard statement(s):
H302 + 332: Harmful if swallowed or inhaled.
H315 + 317: Causes skin irritation, or may cause an allergic skin reaction.
H319: Causes serious eye irritation.
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H373: May cause damage to organs through prolonged or repeated exposure.
H361: Suspected of damaging fertility or the unborn child (PHTHALATES).
H413: May cause long lasting harmful effects to aquatic life (PHTHALATES).
⇨ (Refer to Section 16 for Hazard Classifications.)

Precautionary statement(s)
P202: Do not handle until all safety precautions have been read and 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.

NO.	CANCER	REPRO-TOX	TARGET ORGANS	ACGIH/TLV	OSHA/PEL
P	NO	NO	UNKNOWN	N.A. mg/M^3	N.A. mg/M^3
2	NO	NO	LUNG	0.051 mg/M^3	0.20 mg/M^3
3	NO	PENDING	UNKNOWN	5 mg/M^3	5 mg/M^3

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

NO.	COMPONENT	CAS. NO.	PERCENT
P	POLYURETHANE RESIN MIXTURE	N.A.	< 100%
2	DIPHENYLMETHAN-4, 4' DIISOCYANATE	101-69-8	< 30%
3	DIBUTYLPHTHALATE	84-74-2	< 65%

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: ≥300°F (FOR PRODUCT OR LOWEST FLASH POINT INGREDIENT)
FLAMMABILITY CLASSIFICATION: COMBUSTIBLE CLASS (IIIB)
EXTINGUISHING MEDIA: WATER FOG, DRY CHEMICAL, CARBON DIOXIDE, OR FOAM.
NOTE: EITHER ATMOSPHERE-SUPPLY OR AIR-PURIFYING RESPIRATORS SHOULD BE AVAILABLE FOR FIRE FIGHTERS (20 CFR 1910.134).

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 SPREADING AND SCOOP UP EXCESS TO RECOVERY CONTAINERS. ABSORB REMNANT ON NONSCOMBUSTIBLE 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 HIGH TEMPERATURES.
- OBSERVE CONDITIONS OF GOOD INDUSTRIAL HYGIENE AND SAFE WORKING PRACTICE.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL 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 NILRILE RUBBER GLOVES.
- **EYE PROTECTION:** SPLASH PROOF GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS.
- **OTHER PROTECTIVE EQUIPMENT:** CLEAN, BODY COVERING CLOTHING AND FOOTWEAR.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

- PHYSICAL STATE……: LIQUID
- ODOR……..: BLAND
- COLOR……: LIGHT AMBER
- pH……..: NEUTRAL
- SP. GR.....: 1.11
- DENSITY……: 9.2 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.
- **INCOMPATIBILITY:** WATER, SRRONG OXIDIZING AGENTS, AND STRONG MINERAL AND ORGANIC BASIS / ESPECIALLY ALIPHATIC AMINES.
- **HAZARDOUS DECOMPOSITION PRODUCTS:** OXIDES OF CARBON AND NITROGEN, HCN, AND OTHER UNKNOWN ORGANIC COMPOUNDS.

SECTION 11 – TOXICOLOGICAL INFORMATION

EFFECTS OF OVEREXPOSURE:

ACUTE:

- **EYES:** LIQUID, VAPORS, AND MIST ARE IRRITATING AND CAN CAUSE A STINGING SENSATION, TEARING, REDDNING, AND SWELLING OF THE EYES.
- **SKIN:** MAY CAUSE IRRITATION, BURNS, UCLERATION, OR SKIN SENSITIZATION.
- **INHALATION:** VAPORS ARE IRRITATING AND MAY CAUSE TEARS, BURNING OF NOSE AND THROAT, COUGHING, WHEEZING, BRONCHITIS, AND PULMONARY EDEMA.
- **INGESTION:** CAN CAUSE IRRITATION AND POSSIBLE CORROSIVE ACTION IN THE MOUTH, STOMACH TISSUE, AND DIGESTIVE TRACT.

CHRONIC:

- PERMANENT SKIN OR LUNG DAMAGE MAY DEVELOP, AND SKIN ALLERGIES OR RESPIRATORY DISORDERS CAN BE AGGRAVATED BY EXPOSURE TO ISOCYANATES.

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 DEFINITION OF "EMPTY" AND PROPER DISPOSAL PRACTICES.

SECTION 14 – TRANSPORT INFORMATION

- **U.S. Department of Transportation Ground (49 CFR)**

UN NUMBER.....: N.A.
PROPER SHIPPING NAME.....: PLASTIC MATERIAL LIQUID, N.O.I.
CONTAINS.....: NOT REGULATED*
HAZARD CLASS.....: N.A.
PACKAGING GROUP.....: N.A.

- **International Air Transportation (ICAO/IATA)**

UN NUMBER.....: N.A.
PROPER SHIPPING NAME.....: PLASTIC MATERIAL LIQUID, N.O.I.
CONTAINS.....: NOT REGULATED*
HAZARD CLASS.....: N.A.
PACKAGING GROUP.....: N.A.

- **Water Transportation (IMO/IMDG)**

UN NUMBER.....: N.A.
PROPER SHIPPING NAME.....: PLASTIC MATERIAL LIQUID, N.O.I.
CONTAINS.....: NOT REGULATED*
HAZARD CLASS.....: N.A.
PACKAGING GROUP.....: N.A.
MARINE POLLUTANT.....: NO

*whenever shipped in individual containers containing less than the CERCLA RQ of 40 lbs.

SECTION 15 – REGULATORY INFORMATION

CAL SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT OF 1986

NO.	CHEMICAL NAME	CAS. NO.	CANCER/REPRO.TOX		QUANTITY
3	DIBUTYLPHTHALATE	84-74-2	No	PENDING	<75%

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 FOR THIS PRODUCT IS 40 LBS. BASED ON ITS' DBP (CAS 84-74-2) CONTENT.

RCRA — §40 CFR 261.33

THIS PRODUCT IS U069 BASED ON ITS' DBP (CAS 84-74-2) CONTENT.

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

NO.	RQ (lb.)	TPQ (lbs.)	SEC. 313	313 CAT.	311/312
	(•1)	(•2)	(•3)	(•4)	(•5)
P	NONE	NOT LISTED	NOT LISTED	NONE	H1, H2
2	N.A.	N.A.	YES	<20% DIISO	H1, H2

3	NONE	NOT LISTED	YES	PHTHALATES	H2

- 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 372.65 C)
- 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

NO.	CHEMICAL	QUANTITY VP mm Hg gms./l. @ 20°C
	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-CHINA	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

SECTION 16 – OTHER INFORMATION

HMIS III CODES:	RATINGS:	
HEALTH…….=**2**	0 = MINIMAL	3 = SERIOUS
FLAMMABILITY……...=**1**	1 = SLIGHT	4 = SEVERE
REACTIVITY……..=**0**	2 = MODERATE	

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

Hazard Classifications:

H302 + H332: Harmful if swallowed or if inhaled. (Acute Tox. 4 Oral + Inhalation)
H315 + H317: Causes skin irritation or sensitization. (Skin Irrit. 2 + Skin Sens. 1)
H319: Causes serious eye irritation. (Eye Irrit. 2A)
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled. (Resp. Sens. 1)
H373: May cause damage to organs through prolonged or repeated exposure. (STOT RE2)
H361: Suspected of damaging fertility or the unborn child. (Phthalates – Repr. 2)
H413: May cause long lasting harmful effects to aquatic life. (Phthalates – Aquatic Chronic 4)

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 is current, applicable, and suitable to their circumstances.