

GHS SAFETY DATA SHEET (SDS)

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PART # 52 – Blue Polyester/Epoxy Pigment

FIBRE GLAST DEVELOPMENTS CORP.
385 Carr Drive
BROOKVILLE, OH 45309

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

RECOMMENDED USE: Industrial use

SECTION 2 – HAZARDS IDENTIFICATION

GHS US classification

STOT RE 2

H373

Full text of H statements : see section 16

GHS US labeling

Hazard pictograms
(GHS US)



GHS08

Signal word (GHS US)

: Warning

Hazard statements (GHS US)

: H373 - May cause damage to organs through prolonged or repeated exposure

Precautionary statements (GHS US)

: P260 - Do not breathe dust/fume/gas/mist/vapors/spray.

P314 - Get medical advice/attention if you feel unwell.

P501 - Dispose of contents/container in accordance with local, regional, national, international regulations

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Name	Product identifier	%	GHS US classification
Bis(2-ethylhexyl) fumarate	(CAS-No.) 141-02-6	4.13	Not classified
Bis(2-ethylhexyl) maleate	(CAS-No.) 142-16-5	1.43	STOT RE 2, H373 Aquatic Chronic 2, H411
2-ethyl-1-hexanol	(CAS-No.) 104-76-7	0.64	Flam. Liq. 4, H227 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 STOT SE 3, H335

Full text of H-phrases: see section 16

SECTION 4 – FIRST AID MEASURES

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). Get medical advice/attention if you feel unwell.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison center/doctor/physician if you feel unwell.
Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
Treat symptomatically.	

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing media	: Sand. Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.
Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Emergency procedures : Ventilate spillage area. Evacuate unnecessary personnel. Do not breathe dust/fume/gas/mist/vapors/spray.

Protective equipment : Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Ventilate area

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Methods for cleaning up : Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

Other information : Dispose of materials or solid residues at an authorized site.

See Heading 8. Exposure controls and personal protection. For further information refer to section 13

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Do not breathe dust/fume/gas/mist/vapors/spray.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Storage conditions : Keep in a cool, well-ventilated place. Keep container closed when not in use. Store in a well-ventilated place. Keep cool.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

BLACK IRON OXIDE	
ACGIH	Not applicable
OSHA	Not applicable
Bis(2-ethylhexyl) fumarate (141-02-6)	
ACGIH	Not applicable
OSHA	Not applicable

Bis(2-ethylhexyl) maleate (142-16-5)	
ACGIH	Not applicable
OSHA	Not applicable

2-ethyl-1-hexanol (104-76-7)	
ACGIH	Not applicable
OSHA	Not applicable

Appropriate engineering controls	: Ensure good ventilation of the work station.
Personal protective equipment	: Avoid all unnecessary exposure.
Hand protection	: Wear protective gloves.
Eye protection	: Chemical goggles or safety glasses. Safety glasses.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: Wear appropriate mask.
Environmental exposure controls	: Avoid release to the environment.
Other information	: Do not eat, drink or smoke during use.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Liquid
Color	: Blue
Odor	: characteristic
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 200 °F
Relative evaporation rate (butyl acetate=1)	: No data available
Percent Solids (calculated value)	: 98.537%
Density (calculated value)	: 18.561 lb/gal

SECTION 10 – STABILITY AND REACTIVITY

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Fumes. Carbon monoxide. Carbon dioxide.

SECTION 11 – TOXICOLOGY INFORMATION

Acute toxicity : Not classified

2-ethyl-1-hexanol (104-76-7)	
LD50 oral rat	3290 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male, Experimental value)
LD50 dermal rat	> 3000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, Rat, Male/female, Experimental value)
LC50 Inhalation - Rat	0.89 - 5.3 mg/l air (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male/female, Experimental value)
ATE US (oral)	3290 mg/kg body weight
ATE US (gases)	4500 ppmV/4h
ATE US (vapors)	11 mg/l/4h
ATE US (dust, mist)	1.5 mg/l/4h

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Not classified
Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : May cause damage to organs through prolonged or repeated exposure
Aspiration hazard : Not classified
Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

SECTION 12 – ECOLOGICAL INFORMATION

Ecology – general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

2-ethyl-1-hexanol (104-76-7)	
LC50 fish 1	17.1 mg/l (EU Method C.1, 96 h, Leuciscus idus, Flow-through system, Fresh water, Experimental value)
EC50 Daphnia 1	39 mg/l (EU Method C.2, 48 h, Daphnia magna, Static system, Fresh water, Experimental value)

50451 LEAD FREE	
Persistence and degradability	Not established.

2-ethyl-1-hexanol (104-76-7)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.

50451 LEAD FREE	
Bioaccumulative potential	Not established.

2-ethyl-1-hexanol (104-76-7)	
BCF other aquatic organisms 1	25.33 (BCFWIN, Calculated value)
Log Pow	2.9 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

2-ethyl-1-hexanol (104-76-7)	
Surface tension	0.000047 N/m (20 °C, 0.81 g/l)
Ecology - soil	Highly mobile in soil.

Other information : Avoid release to the environment.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials : Avoid release to the environment.

SECTION 14 – TRANSPORT INFORMATION

In accordance with DOT Not regulated for transport

Other information : No supplementary information available.

SECTION 15 - REGULATORY INFORMATION

US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

CANADA

Bis(2-ethylhexyl) fumarate (141-02-6)

Listed on the Canadian NDSL (Non-Domestic Substances List)

EU-Regulations

No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]

No additional information available

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

National regulations

titanium(IV) oxide (13463-67-7)

Listed on IARC (International Agency for Research on Cancer)

carbon black (1333-86-4)

Listed on IARC (International Agency for Research on Cancer)

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

kaolin (1332-58-7)

U.S. - New Jersey - Right to Know Hazardous Substance List

carbon black (1333-86-4)

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16 – OTHER INFORMATION

Revision Date

7/27/2023

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.

Full text of H-phrases:

H227	Combustible liquid
H315	Causes skin irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H373	May cause damage to organs through prolonged or repeated exposure
H411	Toxic to aquatic life with long lasting effects