FIBRE GLAST DEVELOPMENTS CORP.
385 CARR DRIVE
BROOKVILLE, OH 45309
Rev 04/10

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

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME: Part #42 Gray Color Pigment

PRODUCT CLASS: Grey HM Polyester Dispersion

TRADE NAME: Liquid Plastic Colorant

C.A.S. NUMBER: Mixture

D.O.T. HAZARD CLASS:

PROPER SHIPPING NAME:

HAZARD RATINGS: Health: 2
none --→ extreme Fire: 1
0 -→ 4 React: 0
UN Number

SECTION 2 - HAZARDOUS INGREDIENTS

INGREDIENTS	CAS#	WEIGHT	--EXPOSURE LIMITS--		VAPOR PRESSURE
		%	ACGIH/TLV	OSHA/PEL	mm/HG
***Cationic Quaternary Amine	Not established	1-4 STEL:	Not established Not established	Not established Not established	NAV/NAP
***Titanium Dioxide (Powder)	013463-67-7	33-51 STEL:	10 mg/M^3 Not established	15 mg/M^3 Not established	NAV/NAP
***Aluminum Hydroxide	021645-51-2	1-5 STEL:	Not established Not established	Not established Not established	NAV/NAP
***Amorphous Silica	7631-86-9	1-5 STEL:	10 mg/M^3 6 mg/M^3	Not established Not established	NAV/NAP
***Lead Sulphochromate	1344-37-2	1-7 STEL:	Not established Not established	Not established Not established	NAV/NAP

***INDICATES THAT THESE INGREDIENTS ARE LISTED IN THE T.S.C.A. INVENTORY.

SECTION 3 - PHYSICAL DATA

BOILING RANGE:

EVAPORATION RATE: Not available than n-Butyl Acetate

VOLATILE VOL %: 0.4

VOLATILE WGT %: 0.2

APPEARANCE: Grey Liquid

VAPOR DENSITY: Nonvolatile

LIQUID DENSITY: Heavier than water

WEIGHT PER GALLON: 15.5

SPEC. GRAVITY: 1.9

SECTION 4 - FIRE & EXPLOSION HAZARD DATA

FLAMMABILITY CLASS: 1 Flash Point: 302° F. LEL: 0.00% UEL: 0.00%

EXTINGUISHING DATA: Foam, Carbon Dioxide, Dry Chemical.

SPECIAL FIREFIGHTING PROCEDURES: Full protective equipment including self-contained breathing apparatus should be used. Water may be used to cool closed containers to prevent pressure build-ups and possible auto-ignition or explosion when exposed to extreme heat. Notify authorities immediately if liquid enters sewer/public waters.

UNUSUAL FIRE & EXPLOSION HAZARDS: Keep containers tightly closed and isolate from heat, electrical equipment, sparks and flame. Never use welding or cutting torch on or near drum (even if empty). Heat from fire can generate flammable vapor.

SECTION 5 - HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LEVEL: See Section 2.

EFFECTS OF OVEREXPOSURE

INHALATION: Breathing small amounts of vapor and mist is possible and during normal handling is not likely to cause harmful effects. Breathing large amounts of vapor or mist may be harmful, usually in high concentrations.

SKIN CONTACT: May cause mild skin irritation. Prolonged or repeated exposure my dry the skin. Symptoms may include redness, burning and cracking of skin.

EYE CONTACT: May cause mild eye irritation. Symptoms may include tearing, redness, and stinging.

INGESTION: Swallowing large amounts may be harmful. May get into lungs during ingestion or vomiting which could result in lung inflammation or injury. Swallowing small amounts is not likely to have any harmful effects. As noted in the OSHA Lead Standard, repeated and prolonged exposures may cause delayed effects involving the blood, gastro-intestinal, nervous and reproductive systems.

"Chromium and certain chromium compounds" are currently classified by IARC and NTP as known carcinogens but it is stipulated that the compound(s) responsible for the carcinogenic effect in humans cannot be specified. ACGIH currently lists chromates of lead as substances suspect of carcinogenic potential for man. EPA's health assessment document for chromium states that animal cancer bioassay studies suggest that hexavalent chromium compounds (particularly soluble and sparingly soluble compounds) are probably the etiological agent in chromium related human cancer. Data supporting this position exists in both rats and humans. Rat bronchial implant studies have shown that only calcium, strontium and zinc chromates produced carcinomas while no such increases were seen with seven different samples of lead chromate pigments.

The available epidemiological evidence on lead chromate pigments confirms these results. In every case where excess lung cancer incidences have been reported, exposure was either to zinc chromate alone or involved mixed exposures to various combinations of zinc, lead, strontium and barium chromates. In the only study where exposure was reported to be lead chromates alone, no increased incidence in lung cancer was observed.

Skin contact can lead to ingestion if transferred from skin/hands to mouth. AVOID SKIN CONTACT AND INGESTION TO PREVENT LEAD EXPOSURE. WASH THOROUGHLY WITH SOAP AND WATER AFTER USE OF THIS PRODUCT AND BEFORE EATING, DRINKING OR SMOKING. Refer to OSHA Lead Standard for more information.

WARNING: Lead Sulphochromate contains hexavalent chromium, barium, and lead. Take appropriate measures to prevent exposure. Reference OSHA Lead and Chromium Standards.

FIRST AID

INHALATION: Remove to fresh air. Apply artificial respiration and other support measures as required.

SKIN: Wash thoroughly with soap and water.

EYE: Flush immediately with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

INGESTION: Obtain emergency medical attention.

SECTION 6 - REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will Not Occur

INCOMPATIBILITY: Will react exothermically with isocyanates. Avoid oxidizing agents and strong alkalies.

CONDITIONS TO AVOID: Elevated temperatures and sources of ignition.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition or combustion can produce fumes containing carbon dioxide, carbon monoxide, aldehydes, carbon and other toxic gases. Oxides of lead, chromium, and antimony.

SECTION 7 - SPILL OR LEAK PROCEDURES

STEPS TO TAKE IF MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition (flames, hot surfaces, and electrical, static, or frictional sparks). Avoid breathing vapors. Ventilate area. Contain and remove with inert, absorbent, and non-sparking tools. Wear protective clothing.

WASTE DISPOSAL METHOD: Dispose of in accordance with all Federal, State, and Local regulations.

SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Wear an appropriate, properly fitted, NIOSH approved, respirator during application and other use of this product if exposure limits are exceeded. Observe OSHA standard 29CFR 1910.134.

VENTILATION: Provide general clean air dilution or local exhaust ventilation to maintain contaminate levels below the applicable exposure limits.

PROTECTIVE GLOVES: Use solvent impermeable gloves to avoid contact with this product.

EYE PROTECTION: Use safety eye wear with splash guards or side shields, chemical goggles, or face shield.

OTHER PROTECTIVE EQUIPMENT: Eye bath and safety shower.

SECTION 9 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Do not expose to heat, sparks, or flame. Keep containers closed and upright when not in use. Store large quantities in buildings designed to comply with OSHA Standard 1910.106. Do not store above 140 F.

OTHER PRECAUTIONS: Containers should be grounded when pouring. Do not take internally. Wash hands after use and before smoking or eating. Emptied containers may retain hazardous residue and explosive vapors. Do not cut, puncture, or weld on or near emptied containers. Follow all hazard precautions given in this data sheet until container is thoroughly cleaned and destroyed. If this product is blended with other components such as thinners, converters, and catalysts before use, read all warning labels. Any mixture of components will have the hazards of all the components. Follow all precautions. Avoid build-up of dust or overspray in booths or ducts.

DISCLAIMER: While the information and recommendations set forth herein are believed to be accurate as of this date, Fibre Glast Developments Corp. makes no warranty with respect to and disclaims all liability from reliance thereon. Refer to OSHA Lead Standard for further information.

SECTION 10 - ADDITIONAL REGULATORY INFORMATION

SARA TITLE III SECTION 313: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right To Know Act of 1986 and of 40 CFR 372:

CAS#	CHEMICAL NAME	PERCENT BY WEIGHT
001330-20-7	Xylene	< 3
1344-37-2	Lead Sulphocromate	< 7

000100-41-4	Ethyl Benzene	< 1

PROP 65 (CARCINOGEN):
WARNING: This product contains a chemical known to the state of California to cause cancer.

CAS#	CHEMICAL NAME
	None

PROP 65 (TETRATOGENIC):
WARNING: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

CAS#	CHEMICAL NAME
	NONE

PROP 65 (BOTH CARCINOGENIC AND TETRATOGENIC):
WARNING: This product may contain a chemical known to the state of California to cause cancer or birth defects or other reproductive harm.

CAS#	CHEMICAL NAME:
Not Established	Cationic quaternary amine
000100-41-4	Ethyl Benzene
1344-37-2	Lead Sulphocromate

RTK INFORMATION:
This product contains ingredients identified in the Right to know lists of the following states:

CAS#	INGREDIENT	STATE
013463-67-7	Titanium Dioxide (Powder)	Massachusetts New Jersey Pennsylvania Rhode Island
7631-86-9	Amorphous Silica	Massachusetts New Jersey Pennsylvania
001330-20-7	Xylene	California New Jersey Pennsylvania

SECTION 11 - COMMENTS

The information accumulated herein is believed to be accurate but is not warranted to be, whether originating with **Fibre Glast Developments** or not. Recipients are advised to

confirm in advance of need that the information is current, applicable, and suitable to their circumstances.