

FIBRE GLASS-EVERCOAT CO.,INC. -- #552 MARINE POLYESTER RESIN -- 8040-01-091-3748

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Product Identification
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Product ID:#552 MARINE POLYESTER RESIN
MSDS Date:08/08/1988
FSC:8040
NIIN:01-091-3748
Kit Part:Y
MSDS Number: BHBVD
=== Responsible Party ===
Company Name:FIBRE GLASS-EVERCOAT CO.,INC.
Address:6600 CORNELL ROAD
City:CINCINNATI
State:OH
ZIP:45242-2033
Country:US
Info Phone Num:513-489-7600
Emergency Phone Num:800-543-4530
CAGE:18731
=== Contractor Identification ===
Company Name:FIBRE GLASS-EVERCOAT CO INC
Address:6600 CORNELL ROAD
Box:City:CINCINNATI
State:OH
ZIP:45242
Country:US
Phone:513-489-7600
CAGE:18731

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Composition/Information on Ingredients
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Ingred Name:STYRENE, MONOMER (SARA III)
CAS:100-42-5
RTECS #:WL3675000
Fraction by Wt: 60%

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Hazards Identification
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LD50 LC50 Mixture:ORAL LD50 (RAT)

IS 5000 MG/KG

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES

Reports of Carcinogenicity: NTP: NO IARC: YES OSHA: NO

Health Hazards Acute and Chronic: INHALATION: ACUTE: IRRITATION TO RESPIRATORY TRACT. CHRONIC: MAY CAUSE LIVER AND KIDNEY DAMAGE. VAPOR OR MISTS ARE EXTREMELY IRRITATING TO EYES, MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT. INGESTION : MAY BE HARMFUL. SKIN: ACUTE: MAY BE ABSORBED THROUGH THE SKIN IN TOXIC AMOUNTS. CHRONIC: MAY CAUSE DERMATITIS.

Explanation

of Carcinogenicity: IARC HAS CLASSIFIED STYRENE AS A POSSIBLE HUMAN CARCINOGEN (CLASS 2-B). THIS IS BASED ON NEW CLASSIFICATION SCHEME.

Effects of Overexposure: MAY CAUSE NAUSEA, HEADACHE AND VOMITING; CNS DEPRESSION; DERMATITIS. EYE, SKIN & RESPIRATORY TRACT IRRITATION.

Medical Conditions Aggravated by Exposure: PERSONS WITH A HISTORY OF SKIN, KIDNEY OR LIVER DISORDERS MAY BE AT INCREASED RISK WHEN USING THIS MATERIAL.

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===== First Aid Measures =====
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First Aid: INHALED: REMOVE TO FRESH AIR. GIVE CPR IF NOT BREATHING. GET IMMEDIATE MEDICAL ATTENTION. EYE: IMMEDIATELY FLUSH EYES WITH LOTS OF WATER FOR 15 MINUTES. GET IMMEDIATE MEDICAL ATTENTION. SKIN: FLUSH SKIN WITH LOTS OF WATER FOR 15 MINUTES. REMOVE CONTAMINATED CLOTHING & SHOES. GET IMMEDIATE MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

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===== Fire Fighting Measures =====
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Flash Point

Method: CC

Flash Point: 89.0F, 31.7C

Autoignition Temp: Autoignition Temp Text: 914F

Lower Limits: 1.1

Upper Limits: 6.1

Extinguishing Media: USE CARBON DIOXIDE, FOAM, DRY CHEMICAL. WATER MAY BE INEFFECTIVE.

Fire Fighting Procedures: FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard: AT ELEVATED TEMPERATURES, SUCH AS IN FIRE CONDITIONS, POLYMERIZATION

N MAY TAKE PLACE. IF IN CONTAINER, THERE IS POSSIBILITY OF VIOLENT RUPTURE OF THE CONTAINER.

===== Accidental Release Measures =====

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT (RUBBER BOOTS, GLOVES & APRON). WEAR NIOSH APPROVED SCBA. SHUT OFF ALL SOURCES OF IGNITION. EVACUATE AREA. COVER WITH ACTIVATED CARBON ADSORBENT & TAKE UP & PLACE IN CLOSED C ONTAINER. VENTILATE AREA & WASH SPILL SITE.

Neutralizing Agent:SMALL QUANTITIES CAN BE REAC
TED WITH THE APPROPRIATE
HARDENER TO SOLIDIFY.

===== Handling and Storage =====

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS, AND FLAMES. STORE BELOW 100 DEG F IN A DRY, WELL-VENTILATED AREA AWAY FROM LIGHT. KEEP ORGINAL CONTAINERS TIGHTLY CLOSED.

Other Precautions:ELECTRICALLY GROUND ALL EQUIPMENT WHEN HANDLING PRODUCT AND USE ONLY NON-SPARKING TOOLS. DO NOT USE PRESSURE TO EMPTY CONTAINER. DO NOT CUT, GRIND, OR WELD IN AR
EA.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:WEAR A NIOSH-APPROVED RESPIRATOR APPROPRIATE FOR EMISSION LEVELS. AN APPROPRIATE RESPIRATOR IS THE CARTRIDGE EQUIPPED FOR ORGANIC VAPORS/MISTS AND A DUST MASK WHEN SANDING CURED PRODUCT.

Ventilation:LOCAL MECHANICAL EXHAUST VENTILATION CAPABLE OF MAINTAINING EMISSIONS AT THE POINT OF USE BELOW THE TLV.

Protective Gloves:PVA OR VITON GLOVES RECOMMENDED.

Eye Protection:CHEMICAL GOGGLES
AND FULL FACESHIELD.

Other Protective Equipment:LONG-SLEEVED SHIRT, TROUSERS, WORK BOOTS, APRON, EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

"EMPTY" CONTAINERS WILL RETAIN PRODUCT RESIDUE AND VAPORS. ALWAYS OBEY HAZARD WARNINGS AND HANDLE EMPTY CONTAINERS AS IF THEY WERE FULL. CHECK WEEKLY TO DETERMINE INLHIBITOR

AND POLYMER CONTENT IF THE
MATERIAL IS BEING STORED FOR ANY PERIOD OF TIME IN EXCESS OF 30 DAYS
AT 90 DEG F. KEEP FROM OXIDIZING MATERIALS. KIT.

===== Physical/Chemical Properties =====

HCC:F3

Boiling Pt:B.P. Text:295F,146C

Decomp Temp:Decomp Text:ELEVATED

Vapor Pres:4.3

Vapor Density:>1

Spec Gravity:1.1

Evaporation Rate & Reference: