

MATERIAL SAFETY DATA SHEET

Fibre Glass-Evercoat Co., Inc.
6600 Cornell Road
Cincinnati, OH 45242
Phone: (513) 489-7600
Emergency Phone: CHEMTREC (800) 424-9300

MSDS Number: 100602
Date: 09/01/94
Page 1 of 2

Section A - Product Identification

Product Name: Liquid Hardener (Methyl Ethyl Ketone Peroxide)

Product Number(s): 602, 603, 607, 609, 611 and 612

Section B - Hazardous Ingredients

<u>INGREDIENT</u>	<u>CAS NUMBER</u>	<u>WEIGHT PERCENT</u>	<u>OSHA PEL/TWA</u>	<u>ACGIH TLV</u>
Methyl Ethyl Ketone Peroxide	1338-23-4	35	0.7 ppm (C)	0.2 ppm (C)
Dimethyl Phthalate*	131-11-3	50	5 mg/m3	5 mg/m3
Hydrogen Peroxide	7722-84-1	1	1.4 mg/m3	1.4 mg/m3
Methyl Ethyl Ketone*	78-93-3	2	200 ppm	200 ppm
Aliphatic Ester	proprietary	12	N/E	N/E

* - Indicates chemical substance is subject to reporting requirements under SARA Title III, Part 313.
N/E - Not Established. N/A - Not Applicable.
(C) - Denotes ceiling limit.

Section C - Physical Data

Vapor Pressure: N/A
Boiling Point: 293.0 °F
Evaporation Rate: Slower than ethyl ether

Vapor Density: Heavier than air
Percent Volatile by Volume: 2 %
Weight Per Gallon: 9.5 lbs/gal

Section D - Fire and Explosion Data

OSHA Flammability Class: Combustible Liquid - Class III A
Extinguishing Media: Water, carbon dioxide, foam, and water fog

Lower Explosion Limit: N/A
Flash Point: > 140° F (SFCC)

Hazardous Decomposition Products: Fumes may be produced when material is heated to decomposition. Fumes may contain carbon monoxide, carbon dioxide, and various hydrocarbons.

Special Fire fighting Procedures: Use full protective equipment including NIOSH-approved self-contained breathing apparatus. Water may be used to cool containers to prevent pressure build-up which may rupture containers.

Unusual Fire and Explosion Hazards: Peroxide decomposition produces heat which may add to the heat of fire. Dry chemical fire extinguishing may catalyze the decomposition.

Section E - Reactivity Data

Stability: Stable.
Incompatible Materials: Metallic contamination, amines, organic metal salts, and strong oxidizing and reducing agents, mineral acids, alkalis, promoters or promoted resins.

Hazardous Polymerization: Will not occur.
Conditions To Avoid: Direct sunlight, heat above 100° F, open flames or sparks, contamination, prolonged storage above 90° F.

Section F - Spill and Leak Procedures

If Material Is Spilled: Remove all sources of ignition and cover with inert non-combustible absorbent material to contain spillage. Gather with non-sparking tools to a clean polyethylene or polypropylene bag or container and move to outdoors for disposal. Wash area with detergent and water. If material is not to be disposed of soon, wet the contents of the bag or container thoroughly with water and seal.

Waste Disposal Procedures: This material contains methyl ethyl ketone peroxide which is listed as a hazardous waste of the US EPA RCRA regulations. Disposal of this material or its containers requires compliance with applicable labeling, packaging, and recordkeeping standards.

Section G - Health Hazard Data

Chronic Effects Of Overexposure:

Overexposure to methyl ethyl ketone peroxide causes irritation to the skin and respiratory tract.

Acute Effects Of Overexposure:

EYES: Contact with liquid may result in irritation, tearing, and possible blindness.
SKIN: Contact with liquid may cause irritation and possible skins burns.
INHALATION: Excessive inhalation of vapors may result in headache, dizziness, sneezing, incoordination and central nervous system depression
SWALLOWING: Ingestion of this material may cause severe gastrointestinal irritation, nausea, diarrhea, and vomiting. Aspiration of material into the lungs due to vomiting may produce chemical pneumonitis which can be fatal.

First Aid Procedures:

IF IN EYES: Flush immediately with large amounts of water for at least fifteen minutes. See physician for medical treatment immediately.
IF ON SKIN: Immediately wash affected area with soap and water. Remove contaminated clothing and shoes and again wash thoroughly with soap and water. If skin is irritated apply ointment such as lanolin. Consult a physician if irritation continues. Discard contaminated shoes and launder clothing before reuse.
IF INHALED: Remove person to well ventilated area; then if difficulting in breathing, get medical attention at once.
IF SWALLOWED: Drink large amounts of milk or water and obtain immediate medical attention for lavage (stomach wash). Do not induce vomiting.

Section H - Special Protection Information

Eye Protection: Splash goggles should be worn.

Skin Protection: Protective gloves and proper clothing should be worn to prevent skin contact. Gloves should be made of neoprene or natural rubber. Barrier cream may be worn for additional skin protection.

Respiratory Protection: Use NIOSH-approved respirators designed to remove particulate matter and organic solvent vapors.

Ventilation: General dilution or local exhaust ventilation should be provided to keep exposures below acceptable limits (Section B) and to keep solvent vapors below the lower explosion limit.

Other Protective Equipment: Impermeable clothing should be worn to prevent prolonged or repeated contact of wet material with the skin.

Hygienic Practices: Always wash hands after using this material, and before eating, drinking, or smoking.

Section I - Special Precautions

Precautions To Be Taken In Handling And Storage: Store material in a cool, well-ventilated area. Do not store at temperatures above 80 °F. Do not use or store near heat, sparks, open flame or direct sunlight. Keep containers tightly closed. Avoid contact with incompatible materials.

Other Precautions: Do not add to hot material and avoid all sources of contamination. When adding this solution to a resin solution, promptly and thoroughly mix after addition is made. NEVER ADD PROMOTERS OR PROMOTED RESINS TO PRODUCT.

Section J - Other Information

This product does not contain 0.1% or more of any substance which is listed as a carcinogen by NTP, IARC or OSHA.

THE INFORMATION ACCUMULATED HEREIN HAS BEEN COMPILED FROM CURRENT SOURCES WHICH ARE BELIEVED TO BE ACCURATE AND RELIABLE. SINCE IT IS NOT POSSIBLE TO ANTICIPATE ALL CIRCUMSTANCES OF USE, RECIPIENTS ARE ADVISED TO CONFIRM, IN ADVANCE OF NEED, THAT THE INFORMATION IS CURRENT, APPLICABLE AND SUITABLE TO THEIR CIRCUMSTANCES.