SAFETY DATA SHEET

FGCI
FiberGlass Coatings, Inc.

Date Issued : 9/12/2013
SDS No : 124022
Date Revised : 6/5/2015
Revision No : 1

Catalyst, BPO, White

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Catalyst, BPO, White
PRODUCT CODE: 124022

MANUFACTURER

Fiberglass Coatings Inc.
4301A 34th Street North
St. Petersburg, FL 33714
Customer Service: (800) 272-7890
E-Mail: www.fgci.com
Emergency Contact: Chem-Tel
Emergency Phone: (800) 255-3924

24 HR. EMERGENCY TELEPHONE NUMBERS

Chem-Tel (800) 255-3924

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Eye Irritation, Category 2B
Skin Irritation, Category 2
Acute Toxicity (Oral), Category 5
Organic Peroxides, Type E
Aspiration Hazard, Category 1

GHS LABEL


Flame


Exclamation mark


Health hazard


Exclamation mark

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H242: Heating may cause a fire.
H303: May be harmful if swallowed.
H304: May be fatal if swallowed and enters airways.
H320: Causes eye irritation.
H315: Causes skin irritation.

PRECAUTIONARY STATEMENT(S)

Prevention:

P264: Wash skin thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.

P210: Keep away from heat, sparks, open flames, and hot surfaces. – No smoking.
P220: Store away from combustible materials.
P234: Keep only in original container.
P280: Wear protective gloves, protective clothing, eye protection and face protection.

Response:

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or physician.
P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P332+P313: If skin irritation occurs: Get medical attention.
P362: Take off contaminated clothing and wash before reuse.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice.

Storage:

P405: Store locked up.
P411+P235: Store in a cool place.
P410: Protect from sunlight.
P420: Store aways from other materials.

Disposal:

P501: Dispose of container and its contents in accordance with all Federal, State, and local regulations.

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Colorless Liquid

IMMEDIATE CONCERNS: Aspiration Hazard. Corrosive. Can cause severe skin and eye damage. Ingestion can also burn throat and lead to aspiration hazard.

POTENTIAL HEALTH EFFECTS

EYES: Corrosive, contact causes severe eye burns.

SKIN: Corrosive, causes skin burning.

INGESTION: Aspiration Hazard. Can cause severe burns in the throat. Corrosive.

INHALATION: Aspiration may cause respiratory tract irritation or lung damage. May be harmful if inhaled.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Benzoyl Peroxide	40 - 50	94-36-0
Non-hazardous Ingredients	50 - 60	XXXXXX

COMMENTS: The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

EYES: Flush eyes with water for at least 15 minutes, holding eyelids open. Remove contact lenses if present and easy to do so. Seek immediate medical attention.

SKIN: Remove contaminated clothing. Flush exposed area with large amounts of water. If skin is damaged, seek immediate medical attention. If skin is not damaged and symptoms persist, seek medical attention. Launder clothing before reuse.

INGESTION: Aspiration hazard. If swallowed, Do NOT induce vomiting. If vomiting occurs, keep head below hips to prevent

aspiration into lungs. Rinse mouth with water. Never give anything by mouth to an unconscious person. Call a physician immediately.

INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

NOTES TO PHYSICIAN: Persons with pre-existing skin, eye, or respiratory disease may be at increased risk from the irritant or allergic properties of this material.

This material is severely corrosive to the eyes and may cause delayed keratitis. The normally prescribed 15 minute eye irrigation after exposure may be difficult because of severe pain. The prior installing of a topical ocular anesthetic is essential to facilitate a comprehensive ocular lavage. If swallowed, do not induce vomiting. Give patient plenty of water to drink. Ingestion of this corrosive material may result in severe ulceration, inflammation, and possible perforation of the upper alimentary tract, with hemorrhage and fluid loss. Aspiration of this material during induced emesis can result in severe lung injury. Contact a Poison Control Center for additional treatment information. Treat any additional effect symptomatically.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: May be combustible at high temperature

EXTINGUISHING MEDIA: Use dry chemical, CO2, water spray/fog (not jet), or foam

OTHER CONSIDERATIONS: SADT = 60 C (140 F).

FIRE FIGHTING PROCEDURES: Evacuate any non-essential personnel. Extinguish all ignition sources if safe to do so. Use water to cool exposed containers and structures until fire is out. Avoid spreading burning material with water used for cooling purposes.

FIRE FIGHTING EQUIPMENT: Full Bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure, NIOSH approved, self-contained breathing apparatus (SCBA).

HAZARDOUS DECOMPOSITION PRODUCTS: CO2, Water, Acetic Acid, Formic Acid, Propanoic Acid, Methyl Ethyl Ketone.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Extinguish all nearby ignition sources. Stop leak if it can be done safely. Prevent from entering waterways and sewers. Absorb with non-combustible material and transfer into appropriate disposal container.

LARGE SPILL: Use a shovel to put the material in to a convenient waste disposal container.Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

GENERAL PROCEDURES: Always ensure proper ventilation from any spill. Respirators or SCBA are required if permissible exposure limits are exceeded due to inadequate general ventilation. All spills should be contained as best as possible. All chemical spills should be assumed to be hazardous to the environment to ensure safety.

7. HANDLING AND STORAGE

HANDLING: Avoid ignition sources (flame, spark, smoking, etc) in use or handling areas. Use explosion proof electrical equipment. Ground all equipment containing this material. Do not ingest or breathe vapors/fumes. Avoid contact with eyes and skin. Always wear proper PPE when handling. Provide sufficient ventilation. A NIOSH respirator is required if permissible exposure limits are exceeded.

STORAGE: Store in a cool, dry, well-ventilated area, away from any sources of ignition and incompatible materials. Keep all equipment grounded to avoid static sparking. Keep container closed when not being used.

STORAGE TEMPERATURE: Store below 30 C (86 F).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Provide ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits (PEL/TLV). Any installed emergency eye wash station or safety showers

should be located near the work area.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Chemical splash goggles and/or face shield. Always use proper eye protection around the work area.

SKIN: Wear impermeable gloves. Clothing should limit skin exposure. Gloves contaminated with product should be discarded. Promptly remove clothing that becomes soiled with product. Maintain eyewash and shower station near work area in case of exposure.

RESPIRATORY: Vapor respirator may be required if exposure limits are exceeded. Use a NIOSH approved respirator or equivalent when required. Proper mechanical ventilation should be installed to ensure the exposure levels are below the allowable thresholds (PEL/TLV).

WORK HYGIENIC PRACTICES: Never eat or drink in areas where the chemical is being used. Wash hands after handling to limit exposure.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Paste.

ODOR: Sweet odor.

APPEARANCE: Colored Paste.

COLOR: Varying color.

FLASH POINT AND METHOD: > 93°C (200°F)

Notes: Above the Self-Accelerating Decomposition Temperature (SADT) value.

VAPOR PRESSURE: No data available.

VAPOR DENSITY: No data available.

BOILING POINT: No data available.

MELTING POINT: No data available.

SOLUBILITY IN WATER: Slightly soluble

EVAPORATION RATE: No data available.

SPECIFIC GRAVITY: 1.2 (Water = 1)

(VOC): None

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Avoid contact with incompatible materials and ignition sources / heat.

POSSIBILITY OF HAZARDOUS REACTIONS: Peroxides (especially MEK peroxide) will cause uncontrolled, exothermic radical reaction which can cause a significant fire hazard.

INCOMPATIBLE MATERIALS: Avoid all unplanned contact with strong reactive chemicals, Acids, Bases, Aliphatic Amines, Oxidizers and Reactive Metals (Aluminum, Magnesium, etc.).

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Causes eye irritation

SKIN EFFECTS: Causes skin irritation

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Environmental studies have not been performed for this mixture.

ECOTOXICOLOGICAL INFORMATION: Do NOT discharge into sewers or waterways.

BIOACCUMULATION/ACCUMULATION: Biodegradable.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Disposal should be in accordance with all Federal, State, and local regulations. Empty containers may still be considered dangerous due to residual vapors/liquid/dust.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Organic Peroxide type E, Liquid.

PRIMARY HAZARD CLASS/DIVISION: 5.2

UN/NA NUMBER: 3107

PACKING GROUP: II

AIR (ICAO/IATA)

SHIPPING NAME: Organic Peroxide type E, Liquid.

UN/NA NUMBER: 3107

PRIMARY HAZARD CLASS/DIVISION: 5.2

PACKING GROUP: II

VESSEL (IMO/IMDG)

SHIPPING NAME: Organic Peroxide type E, Liquid.

UN/NA NUMBER: 3107

PRIMARY HAZARD CLASS/DIVISION: 5.2

PACKING GROUP: II

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Immediate (acute) Health Hazard, Chronic (Delayed) Health Hazard.

FIRE: Yes **PRESSURE GENERATING:** No **REACTIVITY:** Yes **ACUTE:** Yes **CHRONIC:** Yes

313 REPORTABLE INGREDIENTS: Benzoyl Peroxide

TITLE III NOTES: Components meeting the requirements are listed.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All components are TSCA listed

16. OTHER INFORMATION

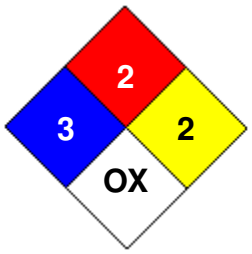
PREPARED BY: Fiberglass Coatings, Inc. (HE)

REVISION SUMMARY: This MSDS replaces the 10/31/2013 MSDS. Revised: **Section 2:** . **Section 9:** AUTOIGNITION TEMPERATURE, FLAMMABLE LIMITS, PERCENT VOLATILE, pH. **Section 11:** EYE EFFECTS, SKIN EFFECTS. **Section 15:** ACUTE, CHRONIC, FIRE, PRESSURE GENERATING, REACTIVITY, 311/312 HAZARD CATEGORIES, 313 REPORTABLE INGREDIENTS, TSCA REGULATORY.

HMIS RATING

HEALTH	3
FLAMMABILITY	2
PHYSICAL HAZARD	2
PERSONAL PROTECTION	

NFPA CODES



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