

# SAFETY DATA SHEET



Date Issued : 9/12/2013  
MSDS No : 124019

## Catalyst, BPO, Red

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Catalyst, BPO, Red  
**PRODUCT CODE:** 124019

#### MANUFACTURER

Fiberglass Coatings Inc.  
www.fgci.com  
4301A 34th Street North  
St. Petersburg, FL 33714  
**Customer Service:** 800-272-7890  
**E-Mail:** fgci@fgci.com

#### 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

#### 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 ... thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
P220: Keep/Store away from clothing/.../combustible materials.

P234: Keep only in original container.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

#### Response:

P301+A1600: IF SWALLOWED: Immediately call a POISON CENTER or doctor/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 advice/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/attention.

#### Storage:

P405: Store locked up.

P411+P235: Store at temperatures not exceeding ... °C/... °F. Keep cool.

P410: Protect from sunlight.

P420: Store away from other materials.

#### Disposal:

P501: Dispose of contents/container 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 possibly lead to aspiration.

### 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

### 4. FIRST AID MEASURES

**EYES:** Flush eyes for at least 15 minutes, holding eyelids open. If easily accomplished, check for and remove contact lenses. 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:** Not categorized as Flammable by GHS standards.

**EXTINGUISHING MEDIA:** Use dry chemical, CO<sub>2</sub>, 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:** CO<sub>2</sub>, Water, Acetic Acid, Formic Acid, Propanoic Acid, Methyl Ethyl Ketone.

## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Extinguish all near by 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:** Follow procedure for small spills. Dike ahead of spill to contain material. Water mist may be used to disperse vapors. Notify proper authorities if the spill cannot be contained. Follow Local, State, and Federal regulations for disposal.

**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.

**pH:** No data available.

**PERCENT VOLATILE:** No data available.

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

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

**FLAMMABLE LIMITS:** No data available.

**AUTOIGNITION TEMPERATURE:** No data available.

**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

**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 Local, State and Federal 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)**

**TITLE III NOTES:** Components meeting the requirements are listed.

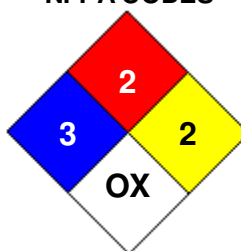
**16. OTHER INFORMATION**

**PREPARED BY:** Fiberglass Coatings, Inc. (HE)

## HMIS RATING

HEALTH	<input type="checkbox"/>	3
FLAMMABILITY	<input type="checkbox"/>	2
PHYSICAL HAZARD	<input type="checkbox"/>	2
PERSONAL PROTECTION	<input type="checkbox"/>	

## NFPA CODES



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