



SAFETY DATA SHEET

Forti-Lock™ Catalyst

Rev. Date: 24 Aug 2020

SECTION 1. PRODUCT & COMPANY INFORMATION

Product Name: Forti-Lock™ Catalyst

Recommended Use: Reactive agent to induce curing of Forti-Lock Liquid Flashings

Manufacturer: SEAMAN CORPORATION
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Wooster, OH 44691 USA
PHONE: (330) 262-1111
www.seamancorp.com

24-HR EMERGENCY (Chemtrec)
U.S./Canada: (800) 424-9300
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SECTION 2. HAZARDS IDENTIFICATION

Pictograms:



Signal Word: DANGER

GHS Classification:

Organic Peroxides - Type D
Eye Irritation – Category 2A
Skin Sensitization - Category 1
Toxic to Reproduction – Category 2

Hazard Statements:

H242 Heating may cause a fire.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H361 Suspected of damaging fertility or the unborn child.

Prevention:

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P220 Keep away from clothing and other combustible materials.
P234 Keep only in original packaging.
P235 Keep cool.
P261 Avoid breathing vapors.
P264 Wash hands thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves, protective clothing, eye protection, and face protection.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of water.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313 IF exposed or concerned: Get medical advice/attention.
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.
P370 + P378 In case of fire: Use dry chemical, CO₂, or foam to extinguish.

Storage:

P403 Store in a well-ventilated place.
P410 Protect from sunlight.
P411 Store at temperatures not exceeding 30°C/86°F.
P420 Store separately.
P405 Store locked up.

Disposal:

P501 Dispose of contents and container in accordance with local, regional, and national regulations.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Components</u>	<u>CAS No.</u>	<u>% by weight</u>
Dibenzoyl peroxide	94-36-0	49-51
Dicyclohexyl phthalate	84-61-7	49-51

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. Seek medical attention if symptoms persist.
Skin Contact: Wash exposed skin with soap and water. Do not use solvents or thinners. If irritation develops or persists, seek medical attention.
Eye Contact: Flush eyes with plenty of water for at least 15 minutes. Seek medical attention.
Ingestion: Seek medical attention. Do not induce vomiting.

SECTION 5. FIRE FIGHTING MEASURES

Flammable Properties: Material increases the risk of fire and may aid combustion. Heating may cause a fire. Likely to catch fire from nearby spark.
Suitable Extinguishing Media: alcohol resistant foam, CO₂, powders, water spray
Products of Combustion: Fire can produce dense black smoke. Carbon monoxide and carbon dioxide may be produced from decomposition.
Protection of Firefighters: Firefighters should wear self-contained breathing apparatus and full fire-fighting turnout gear. No special procedures are expected to be necessary for this product.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protection recommended in Section 8.
Environmental Precautions: No special procedures necessary
Methods for Containment: No special procedures necessary
Methods for Clean-up: No special procedures necessary

SECTION 7. HANDLING AND STORAGE

Handling: Use protective equipment recommended in Section 8. Use only in well ventilated area. Eliminate any source of ignition. Ground and bond all equipment when handling. Any electrical equipment used around vapors should meet the applicable requirements of the local electrical code. Wash hands after contact.

Storage: Store at temperatures not exceeding 30°C/86°F. To avoid the risk of formation of shock-sensitive crystals or loss of stability, it is important to store the product with the recommended temperature range. Keep away from oxidizing agents and strongly acid or strongly alkaline materials. Avoid heating or direct sunlight. Keep container closed until ready for use.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES

COMPONENT	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	COMMENTS
Dibenzoyl peroxide (94-36-0)	5 mg/m ³ TWA	5 mg/m ³ TWA	5 mg/m ³ TWA	
Dicyclohexyl phthalate (84-61-7)	-	-	-	None established

PERSONAL PROTECTIVE EQUIPMENT

Engineering Controls: Provide local exhaust ventilation
Eye/Face: Wear safety glasses
Skin: Wear chemical resistant protective gloves
Respiratory: If exposure limits are exceeded, NIOSH approved respiratory protection must be provided
General Hygiene: Wash hands with soap and water after handling material.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid granules	Odor: Odorless
Odor threshold: Not available	pH: Not available
Melting/Freezing Point: Not available	Boiling Point: Not available
Flash Point: Not available	Evaporation Rate: Not available
Flammability: Not available	LFL/UFL: Not available
Vapor Pressure: Not available	Vapor Density: Not available
Relative Density: ~778 kg/m ³	Solubility: Not available
Partition Coefficient K_{ow}: Not available	Auto-Ignition Temp.: Not available
Decomposition Temp.: Not available	Viscosity: Not available

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Stable at recommended storage and handling conditions. Direct sun exposure or storage at temperatures above 30°C/86°F may cause hazardous reactions or instability.
Conditions to Avoid: High temperatures
Incompatible Materials: Oxidizing agents, strong acids, strong bases
Hazardous Decomposition: Carbon monoxide, carbon dioxide
Hazardous Reactions: See above

SECTION 11. TOXICOLOGY INFORMATION

POTENTIAL HEALTH EFFECTS:

Summary: Irritating to eyes and skin.
Inhalation: No significant effects
Skin Contact: May cause skin irritation. May cause allergic skin reaction.
Eye Contact: Causes serious eye irritation.
Ingestion: Irritation of gastrointestinal tract
Target Organs: Respiratory tract, skin, eyes

ACUTE TOXICITY

General Information: No data available

Component Analysis: No data available

CARCINOGENICITY

General Information: This product is not classified as a carcinogen or potential carcinogen by OSHA, NTP, ACGIH, or IARC. No specific data available.

Component Analysis: Dibenzoyl peroxide (94-36-0):
IARC: 3 – Unclassifiable as to Carcinogenicity in Humans
ACGIH: A4- Not Classifiable as a Human Carcinogen (Vol. 71, 1999)

CHRONIC TOXICITY No data is available on mutagenicity, reproductive effects, or developmental effects.

SECTION 12. ECOLOGICAL INFORMATION

Do not empty into drains or waterways.

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of waste in accordance with Federal, State, and local environmental control regulations. This material may be classified as hazardous under the Resource Conservation and Recovery Act. (40 CFR 261)

SECTION 14. TRANSPORTATION INFORMATION

This product is hazardous for transportation under USDOT.

Shipping Name: Organic peroxide, Type D, solid (dibenzoyl peroxide, 50% in phthalate)
Class: 5.2 Packing Group: n/a ID No.: UN3106 ERG: 145
Other: Marine Pollutant

SECTION 15. REGULATORY INFORMATION

SARA Title III: Health: Acute YES Chronic YES EHS NO
Physical: Fire YES Reactivity YES Pressure NO

SARA 313 (TRI): This product contains the following chemicals subject to reporting under Superfund Amendments Reauthorization Act, Title III, Section 313 (Toxic Release Inventory):

<u>Component</u>	<u>% by weight</u>
Dibenzoyl peroxide (94-36-0)	49-51 %

California Proposition 65: None

SECTION 16. OTHER INFORMATION

The data in this Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. No warranty of merchantability or any other warranty, expressed or implied, is given. In no case shall the information provided herein be considered a part of the terms and conditions of sale. Seaman Corporation assumes no obligation or liability for the information given or results obtained. All materials may present unknown hazards and should be used with caution. Final determination of suitability of any material is the sole responsibility of the user.

For questions related to the safety of this product, e-mail msds@seamancorp.com or call (330) 262-1111
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