



Benzoyl Peroxide Paste

Section 1- PRODUCT AND COMPANY INFORMATION

Product Name: BENZOYL PEROXIDE PASTE

Manufacturer/Supplier:

CHEMICALS FOR MODERN BUILDING CMB 319 Elharam, Giza Egypt +20235854118 cmb@cmbegypt.com

Further information obtainable from: Product safety department

Information in case of emergency: During normal opening times: +20+20235854118663770000

Section 2- COMPOSITION/INFORMATION ON INGREDIENT

Ingredient Name	CAS #	Percent (w/w)
BENZOYL PEROXIDE	94-36-0	50 - 55%
DI METHYL PHTHALATE	131-11-3	45-50%

Section 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Oxidizing. Irritant. Explosive when dry. Contact with combustible material may cause fire. Irritating to eyes. May cause sensitization by skin contact. Readily absorbed through skin.
Target organ(s): Lungs. Nerves.

HMIS RATING :

HEALTH: 3*

FLAMMABILITY: 0

REACTIVITY: 3

SPECIAL HAZARD (S): Oxidizer

Section 4 - FIRST AID MEASURES

ORAL EXPOSURE

If swallowed, thoroughly wash out mouth with water provided person is conscious. Call a physician.

EYE EXPOSURE

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

Section 5 - FIRE FIGHTING MEASURES

EXPLOSION HAZARDS

May explode when heated. Container explosion may occur under fire conditions.

EXTINGUISHING MEDIA

Suitable: Carbon dioxide, dry chemical powder, or appropriate foam.

FIREFIGHTING

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Specific Hazard(s): Emits toxic fumes under fire conditions.

Contact with other material may cause fire. May accelerate combustion.

Section 6 - ACCIDENTAL RELEASE MEASURES

PROCEDURE TO BE FOLLOWED IN CASE OF LEAK OR SPILL

Evacuate area.

PROCEDURE(S) OF PERSONAL PRECAUTION(S)

Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves.

METHODS FOR CLEANING UP

Sweep up, place in a bag and hold for waste disposal. Avoid raising dust.

Ventilate area and wash spill site after material pickup is complete.

Section 7 - HANDLING AND STORAGE

HANDLING

User Exposure: Do not breathe vapor. Do not get in eyes, on skin, on clothing.

Avoid prolonged or repeated exposure.

STORAGE

Suitable: Keep tightly closed. Keep away from combustible materials, heat, sparks, and open flame.

Store at less than 30°C

SPECIAL REQUIREMENTS

Vent periodically.

Section 8 - EXPOSURE CONTROLS / PPE

PERSONAL PROTECTIVE EQUIPMENT

Respiratory: Government approved respirator.

Hand: Wear heavy rubber gloves.

Eye: Chemical safety goggles.

Other: Rubber boots.

GENERAL HYGIENE MEASURES

Wash thoroughly after handling. Remove and wash contaminated clothing promptly.

Section 9 - PHYSICAL/ CHEMICAL PROPERTIES

Appearance	White thixotropic paste
Molecular Weight	242
Specific Gravity	1.1g/cc @ 20 °C
MP/MP Range	103 – 104°C with decomposition
Auto ignition Temp	80°C
Solubility	Solubility in Water: Insoluble

Section 10 - STABILITY AND REACTIVITY

STABILITY

Stable: Unstable.

Conditions of Instability: Self ignition is possible.

Conditions to Avoid: Heat. Contamination.

Materials to Avoid: Strong acids, Strong bases, Strong oxidizing agents, Amines, Polymerizing initiators, Reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide, Carbon dioxide.

HAZARDOUS POLYMERIZATION

Will not occur

Section 11 - TOXICOLOGICAL INFORMATION

ROUTE OF EXPOSURE

Skin Contact: May cause skin irritation.

Skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: Causes eye irritation.

Inhalation: May be harmful if inhaled.

Ingestion: Harmful if swallowed.

TARGET ORGAN (S) OR SYSTEM (S)

Lungs. Nerves. Testes.

SIGNS AND SYMPTOMS OF EXPOSURE

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

TOXICITY DATA

Oral	Rat	> 950 mg/kg	LD50
Oral	Rat	> 5,000 mg/kg	LD50
Inhalation	Rat	> 22.4 ppm	LC50

Section 12 - ECOLOGICAL INFORMATION

ACUTE ECOTOXICITY TESTS

Fish	96 h	2 mg/l	LC50
Daphnia magna	48h	2.9mg/l	EC50

Section 13 - DISPOSAL CONSIDERATIONS

APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION

Contact a licensed professional waste disposal service to dispose of this material.

Observe all state, and local environmental regulations.

Section 14 - TRANSPORT INFORMATION

DOT

Proper Shipping Name: Organic peroxide Type E, solid (benzoyl peroxide as paste)

UN#: 3108

Class: 5.2

Packing Group: Packing Group II

Hazard Label: Organic Peroxide

PIH: Not PIH

Section 15 - REGULATORY INFORMATION

Indication of Danger Corrosive. Oxidizing.

Risk Statements : Explosive when dry. Contact with combustible material may cause fire. Irritating to eyes.

Safety Statements : Keep away from combustible material. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing and gloves.

Section 16 - OTHER INFORMATION

The above information is believed to be correct and shall be used only as a guide. The information in this document is based on our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee