



MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name POLY-PORE® 438BP
Version # 01
Revision date 30-June-2009
Chemical name INCI NAME: Dibenzoyl Peroxide, Allyl Methacrylates Crosspolymer, Butylene glycol
CAS # Mixture
Company AMCOL Health & Beauty Solutions
301 Laser Lane
Lafayette, LA 70507 US
safetydata@amcol.com
<http://www.healthbeautysolutions.com/>
General Information (800) 261-8032
Emergency (800) 424-9300

2. Hazards Identification

Emergency overview DANGER -- ORGANIC PEROXIDE
Contact with eyes may cause irritation. Contact with skin may cause irritation.

OSHA regulatory status This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

Potential health effects

- Eyes** This product may cause slight irritation to the eyes. Moderately irritating to the eyes.
- Skin** Avoid contact with the skin. Substance causes moderate skin irritation.
- Inhalation** Do not breathe dust. This product may cause slight irritation to the respiratory system.
- Ingestion** Do not ingest. Health injuries are not known or expected under normal use.

Target organs Eyes. Skin.

3. Composition / Information on Ingredients

Components	CAS #	Percent
BENZOYL PEROXIDE	94-36-0	20 - 40
Non-hazardous and other components below reportable levels		60 - 80

4. First Aid Measures

First aid procedures

- Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops or persists.
- Skin contact** Remove and isolate contaminated clothing and shoes. Get medical attention if irritation develops or persists.
- Inhalation** Move to fresh air. If breathing is difficult, give oxygen. Get medical attention, if needed.
- Ingestion** Do not induce vomiting. If swallowed, rinse mouth with water (only if the person is conscious). Get medical attention if symptoms occur.

General advice Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire Fighting Measures

Extinguishing media

- Suitable extinguishing media** Dry chemical, CO2, water spray or regular foam.

Protection of firefighters

- Protective equipment and precautions for firefighters** In the event of fire, cool tanks with water spray. Cool containers exposed to flames with water until well after the fire is out.

6. Accidental Release Measures

Personal precautions	Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Keep upwind. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not contaminate water.
Methods for containment	Eliminate all sources of ignition or flammables that may come into contact with a spill of this material. Stop leak if you can do so without risk. Block any potential routes to water systems.
Methods for cleaning up	Dike far ahead of spill for later disposal. Reduce airborne dust and prevent scattering by moistening with water. Place all material into loosely covered plastic containers for later disposal. Eliminate ignition sources including sources of electrical, static or frictional sparks. Prevent product from entering drains. Clean up in accordance with all applicable regulations.

7. Handling and Storage

Handling	Minimize dust generation and accumulation. Do not breathe dust. Do not get this material in contact with eyes. Avoid contact with skin. Do not handle or store near an open flame, heat or other sources of ignition. Wash hands after handling and before eating.
Storage	Keep at temperature not exceeding 25°C / 77°F. Keep container tightly closed. Keep away from amines, acids, alkalis, and heavy metal compounds. Keep away from heat, sparks and open flame.

8. Exposure Controls / Personal Protection

Occupational exposure limits

ACGIH

Components	Type	Value
BENZOYL PEROXIDE (94-36-0)	TWA	5 mg/m3

U.S. - OSHA

Components	Type	Value
BENZOYL PEROXIDE (94-36-0)	PEL	5 mg/m3
	TWA	5 mg/m3

Engineering controls	Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.
-----------------------------	--

Personal protective equipment

Eye / face protection	Wear chemical goggles.
Skin protection	Wear suitable protective clothing.
Respiratory protection	A NIOSH- approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice.

9. Physical & Chemical Properties

Appearance	Powder.
Color	White to off-white.
Odor	Slight.
Odor threshold	Not available.
Physical state	Solid.
Form	Solid.
pH	Not available.
Melting point	Not available.
Freezing point	Not available.
Boiling point	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability	Not available.

Flammability limits in air, upper, % by volume	Not available.
Flammability limits in air, lower, % by volume	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Specific gravity	Not available.
Relative density	Not available.
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.

10. Chemical Stability & Reactivity Information

Chemical stability	Stable up to 75 °C.
Conditions to avoid	Avoid temperatures above 167°F (75°C). Heat, flames and sparks.
Incompatible materials	Strong acids. strong bases. heavy metal salts. reducing agents.
Hazardous decomposition products	Carbon oxides. biphenyls.

11. Toxicological Information

Toxicological data

Components

Test Results

BENZOYL PEROXIDE (94-36-0)	Acute Oral LD50 Rat: 6400 mg/kg Acute Other LD50 Mouse: 206 - 242 mg/kg
----------------------------	--

* Estimates for product may be based on additional component data not shown.

Local effects	Irritating to skin.
Chronic effects	Danger of serious damage to health by prolonged exposure.

Carcinogenicity

IARC Monographs: Overall evaluation

BENZOYL PEROXIDE (94-36-0) 3 Classification not possible from current data.

US ACGIH Threshold Limit Values: A4 carcinogen

BENZOYL PEROXIDE (94-36-0) Group A4 Not classifiable as a human carcinogen.

12. Ecological Information

Ecotoxicity	Components of this product have been identified as having potential environmental concerns.
Environmental effects	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Persistence and degradability	Not available.

13. Disposal Considerations

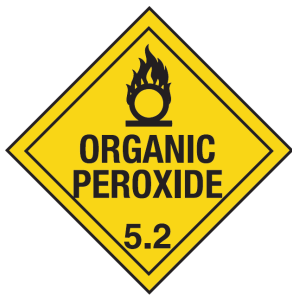
Disposal instructions	Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities. Dispose in accordance with all applicable regulations.
------------------------------	--

14. Transport Information

DOT

Basic shipping requirements:

UN number	UN3106
Proper shipping name	Organic peroxide type D, solid
Hazard class	5.2
Packing group	II
Packaging exceptions	152
Packaging non bulk	225
Packaging bulk	None
ERG number	145



DOT

IATA

Basic shipping requirements:

Proper shipping name Organic peroxide type D, solid

Hazard class 5.2

UN number 3106

Additional information:

Packaging instructions cargo only 513

Maximum net quantity packaging 5 kg

Maximum net quantity packaging cargo only 10 kg

ERG code 5L



IATA

IMDG

Basic shipping requirements:

Proper shipping name ORGANIC PEROXIDE TYPE D, SOLID

Hazard class 5.2

UN number 3106



IMDG

15. Regulatory Information

US federal regulations

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: De minimis concentration

BENZOYL PEROXIDE (94-36-0) 1.0 %

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - Yes

Section 302 extremely hazardous substance No

Section 311 hazardous chemical Yes

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of New and Existing Chemicals (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

State regulations This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

US - New Jersey Community RTK (EHS Survey): Reportable threshold

BENZOYL PEROXIDE (94-36-0) 500 LBS

US - Pennsylvania RTK - Hazardous Substances: Listed substance

BENZOYL PEROXIDE (94-36-0) Listed.

16. Other Information

Further information

This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

HMIS ratings

HEALTH	*	2
FLAMMABILITY		1
PHYSICAL HAZARD		0
PERSONAL PROTECTION		

NFPA ratings

Health: 2
Flammability: 1
Instability: 0

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The manufacturer expressly does not make any representations, warranties, or guarantees as to its accuracy, reliability or completeness nor assumes any liability, for its use. It is the user's responsibility to verify the suitability and completeness of such information for each particular use.

Third party materials: Insofar as materials not manufactured or supplied by this manufacturer are used in conjunction with, or instead of this product, it is the responsibility of the customer to obtain, from the manufacturer or supplier, all technical data and other properties relating to these and other materials and to obtain all necessary information relating to them. No liability can be accepted in respect of the use of this product in conjunction with materials from another supplier. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Issue date

30-June-2009