

Material Safety Data Sheet

(14250)

Section 1: Chemical Product and Company Identification

Product Name: Benzoyl Peroxide Plasticized (Catalyst in 2 bottles)

Catalog Number: 14250

CAS#: 000084617, 000094360

Contact Information:

Electron Microscopy Sciences

1560 Industry Road

Hatfield, PA 19440

1-215-412-8400 (phone)

1-800-523-5874 (toll-free)

1-215-412-8450 (fax)

Order Online: emsdiasum.com

CHEMTREC (24-Hour Emergency Telephone), call: 1-800-424-9300

Section 2: Composition and Information on Ingredients

CAS #	Chemical Name	Percent
000094360	Benzoyl Peroxide	50
000084617	Dicyclohexyl phthalate	50

OSHA (ACGIH) Exposure Limits

		TWA		STEL		Ceiling	
		ppm	mg	ppm	mg/m3	ppm	mg/m3
CAS # 000084617	IDLH: NE						
OSHA		NE	NE	NE	NE	NE	NE
ACGIH		NE	NE	NE	NE	NE	NE
CAS # 000094360	IDLH: 1,500 mg/m3						
OSHA		Not classified	5				
ACGIH			5				

Section 3: Hazards Identification

Can violently decompose at high temperatures
 Causes skin and eye irritation.
 Oxidizing material.

Hazard Ratings:

These materials are EMS' own assessments of the properties of the material using the ANSI/NFPA 704 Standard. Additional information can be found by consulting in the NFPA published ratings lists (List 235 and List 49).

If no data is listed the information is not available

Health 1 Flammability 2 Reactivity 2

Section 4: First Aid Measures

N/A

Section 5: Fire and Explosion Data

Flash Point, deg F: nap

Auto ignition Temperature, deg F: 140

UEL: no data

Flammability Classification: no data

Hazardous Combustion Products: no data

Flame Propagation Rate: no data

Section 6: Accidental Release Measures

Any information listed below is to be considered in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition sources from immediate area, and collection for disposal of spill by trained, properly protected clean up personnel.

Protect personnel from exposure.

Remove ignition sources.

Sweep up solids.

Section 7 : Handling and Storage

Store at room temperature

Section 8: Exposure Controls/Personal Protection

The use of eye protection in the form of safety glasses with side shields and the use of skin protection for hands in the form of gloves are considered minimum and non-discretionary in work places and laboratories. Any recommended personal protection equipment or environmental equipment is to be considered as additional to safety glasses and gloves.

Use process enclosures, local exhaust ventilation, or other engineering controls.

Section 9: Physical and Chemical Properties

Formula: nap

Formula Weight: nap

Boiling Point: no data

Melting Point: no data

Solubility: negligible

Vapor Pressure: no data

Vapor Density: no data
Specific Gravity: 0
pH: no data
Appearance: white free-flowing granules

Section 10: Stability and Reactivity Data

Chemical Stability: Stable
Hazardous decomposition products: no data
Hazardous Polymerization: will not occur
Incompatibles with Other Materials: reactive materials, metals
Conditions to Avoid: heat

Section 11: Toxicological Information

Acute Data: no data
Subchronic data: no data

Section 12: Ecological Information

No data

Section 13: Disposal Considerations

The following chart lists of the status of the chemical and its components in reference to 40 CFR Part 261.33. If the product is listed by code number the substance may be subject to special federal and state disposal regulations. If no codes are listed the material must be disposed in compliance with all federal, state and local regulations.

CAS #	Waste Code	Regulated Name
000084617	Not listed	Not listed
000094360	Not listed	Not listed

Section 14: Transport Information

Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

Section 15: Other Regulatory Information

All components of this product are on the TSCA public inventory.

Prop 65 – Column A identifies those items which are known to the State of California to cause cancer. Column B identified items which are known to the State of California to cause reproductive toxicity.

CAS # 000084617

Column A: no

Column B: no

CAS # 000094360

Column A: no

Column B: no

State Regulatory Information: If a CAS# is listed below this material is subject to the listed state right-to-know requirements.

CAS # 000084617: not listed

CAS # 000094369: FL, MA, MN, NJ, PA, WA

SARA Toxic Release Chemicals (as defined in Section 313 of SARA Title III)

This list identifies the toxic chemicals, including their de minimis concentrations for which reporting is required under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA). The list is also referred to as the Toxics Release Inventory (TRI) List.

CAS #	Regulated Name	De minimis conc. %	Rep. Thres.
000084617	Not listed	Not listed	Not listed
000094360	Benzoyl Peroxide	1.0	Not listed

SARA Extremely Hazardous Substances and TPQs

This list includes hazardous chemicals as defined in 29 CFR 1910.1200(c); and extremely hazardous substances regulated under Section 302 of SARA Title III with their TPQs (in pounds), as listed in 40 CFR 355, Appendicies A and B.

CAS #	Regulated Name	TPQ (pounds)	EHS-RQ (pounds)
000084617	Not listed	Not listed	Not listed
000094360	Not listed	Not listed	Not listed

CERCLA

The hazardous substances, and their reportable quantities (RQs) are listed in the federal regulations at 40 CFR Part 302, Table 302.4. Release of a CERCLA hazardous substance in an amount equal to or greater than its RQ, in any 24-hour period, must be reported to the National Response Center at (800) 424-8802.

CAS #	Regulated Name	RQ (pounds)
000084617	Not listed	Not listed
000094360	Not listed	Not listed

Section 16: Other Information:

Last Updated: 10/4/11

Date Verified and Printed: 10/4/11

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Electron Microscopy Sciences be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Electron Microscopy Sciences has been advised of the possibility of such damages.