

# Material Safety Data Sheet

According to ANSI Z400.1-2003

Date Printed: 04-24-2012

## Section 1 - Product and Company Information

Product Name: Cream Hardener  
 Product Part Number(s): 1046-H

<b>COMPANY IDENTIFICATION:</b>	<b>EMERGENCY TELEPHONE NUMBER</b>	
Urethane Supply Company	24 Hour Emergency Contact	Chemtrec - 1-800-424-9300
1128 Kirk Rd.	Customer Information Number	256-638-4103
Rainsville, AL 35986		

## Section 2 - Hazards Identification

Appearance:

Odor:

Hazards of Product:



HMIS Rating (Scale 0 - 4)

<b>HEALTH</b>	<b>2</b>	Health = 2
<b>FIRE</b>	<b>2</b>	Fire = 2
<b>PHYSICAL</b>	<b>1</b>	Physical = 1
<b>PERSONAL PROTECTION</b>	<b>G</b>	Personal Protection = G

NFPA Ratings



### Potential Health Effects

**Eye Contact:** Eye irritant.

**Skin Absorption:** Testicular atrophy and vasodilation.

**Inhalation:** Asthmatic effects.

**Ingestion:** Testicular atrophy and vasodilation.

## Section 3 - Composition/Information on Ingredients

Component	CAS #	Amount
Benzoyl Peroxide	94-36-0	47 - 50%

---

## Section 4 - First-Aid Measures

---



---

## Section 5 - Fire Fighting Measures

---

**Extinguishing Media:** Carbon dioxide, dry chemical, foam

**Fire Fighting Procedures:** Fight like a fuel oil fire. Cool fire exposed containers with water spray. Fire fighter should wear OSHA/NIOSH approved self-contained breathing apparatus. For large quantities, fight fire from a distance.

**Unusual Fire and Explosion Hazards:** Closed containers exposed to high temperatures, such as fire conditions may rupture.

---

## Section 6 - Accidental Release Measures

---

**Steps to be Taken if Material is Released or Spilled:** Wash and clean up small spills with water and detergent. Pick up large spills with inert absorbent and place in container for disposal.

**Personal Precautions:**

**Environmental Precautions:**

---

## Section 7 - Handling and Storage

---

**General Handling:**

**Other Precautions:**

**Storage:** Do not store the product above 100F (38C). Keep product away from heat, open flame, and other sources of ignition. Avoid contact with strong acids, alkalis and oxidizers. Do not freeze- separation may occur upon thawing.

---

## Section 8 - Exposure Controls / Personal Protection

---

Component	Source	Type	Value	Remarks
Benzoyl Peroxide	ACGIH	TLV	5 mg/m <sup>3</sup>	TWA
Benzoyl Peroxide	OSHA	PEL	5mg/m <sup>3</sup>	TWA

---

### Personal Protection

**Eye/Face Protection:** Safety glasses or goggles with splash guards or rubber gloves.

**Skin Protection:** To prevent prolonged exposure, use rubber gloves.

**Respiratory Protection:** Does not require a respirator with general room ventilation. If room ventilation is lacking, use NIOSH/MSHA approved respirator to remove vapors. Use an air supplied respirator if necessary.

**Hygienic Measures:** Wash hands before smoking, eating or using washroom.

**Other Protection Measures:** Wear protective clothing as required to prevent skin contact.

**Engineering Controls:** Use adequate ventilation in volume and pattern to keep TLV/PEL below recommended levels. General mechanical ventilation is acceptable.

---

## Section 9 - Physical and Chemical Properties

---

<b>Appearance:</b>	Red Paste
<b>Flash Point:</b>	184F
<b>Boiling Point:</b>	N/A
<b>Vapor Density:</b>	Heavier than air
<b>Specific Gravity:</b>	1.2
<b>Solubility in Water:</b>	Not Soluble

---

## Section 10 - Stability and Reactivity

---

**Stability/Instability:** Not Stable

**Conditions To Avoid:** Open flames, sparks, heat, electrical and static discharge.

**Incompatible Materials:** Strong acids, alkalis, oxidizers, reducing agents, mineral acids, metal salt (catalyst)

**Hazardous Polymerization:** Will Not Occur

**Hazardous Decomposition Products:** Carbon dioxide, carbon monoxide, carbon and possibly flammable gasses.

---

## Section 11 - Toxicological Information

---

**Acute Toxicity**

**Ingestion**

47 - 50%

**Skin Absorption**

47 - 50%

**Inhalation**

47 - 50%

---

## Section 12 - Ecological Information

---

---

## Section 13 - Disposal Considerations

---

**Disposal Method:**

Dispose of in accordance with local, state, and federal regulations. Do not incinerate in closed containers

**Container Disposal:** Disposal must be made according to official regulations.

---

## Section 14 - Transport Information

DOT
-----

---

## Section 15 - Regulatory Information

---

Superfund Amendments and Reauthorization Act of 1986 (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312

The following table list hazardous components and the regulatory lists for which they are required to be reported.

---

## Section 16 - Other Information

---

**Legend**

ACGIH	American Conference of Governmental Hygienists
CFR	Code of Federal Regulations
DFG	Deutsche Forschungsgemeinschaft
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
MAK	Maximum Allowable Concentration (German)
MSDS	Material Safety Data Sheet
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
OEL	Occupational Exposure Limit
RCRA	Resource Conservation and Recovery Act
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.