

MATERIAL SAFETY 3M
 DATA SHEET 3M Center
 St. Paul, Minnesota
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DIVISION: AUTOMOTIVE AFTERMARKET

TRADE NAME:

3M(TM) RED CREME HARDNER PN 05313, 05828, 05829, 05830, 05831, 05852,
 05853

ID NUMBER/U.P.C.:

60-9800-2274-7	00-51131-05829-3	60-9800-2275-4	00-51131-05830-9
60-9800-2289-5	00-51131-05831-6	60-9800-2305-9	- - -
60-9800-2848-8	00-51131-05852-1	60-9800-2849-6	00-51131-05853-8
60-9800-3050-0	00-51131-05313-7		

ISSUED: December 04, 2001

SUPERSEDES: November 26, 2001

DOCUMENT: 06-6914-3

1. INGREDIENT	C.A.S. NO.	PERCENT	
BENZOYL PEROXIDE.....	94-36-0	30.0	- 50.0
WATER.....	7732-18-5	15.0	- 40.0
PLASTICIZER.....	131298-44-7	10.0	- 30.0
ZINC STEARATE.....	557-05-1	5.0	- 10.0
SURFACTANT.....	9038-95-3	1.0	- 5.0
CALCIUM SULFATE.....	7778-18-9	1.0	- 5.0
PIGMENT.....	25869-00-5	1.0	- 5.0

The components of this product are in compliance with the chemical
 notification requirements of TSCA.

This product contains the following toxic chemical or chemicals subject to
 the reporting requirements of Section 313 of Title III of the Emergency
 Planning and Community Right-To-Know Act of 1986 and 40 CFR Part 372:

- BENZOYL PEROXIDE
- ZINC STEARATE
- PIGMENT

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:

Dimethylaniline, cobalt napthenate and other promoters, accelerators,
reducing agents, or any hot material.

Storage at elevated temperatures will shorten shelf life.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and Carbon Dioxide, Toxic Vapors, Gases or
Particulates.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

Refer to other sections of this MSDS for information regarding
physical and health hazards, respiratory protection, ventilation, and
personal protective equipment. Ventilate area. Extinguish all
ignition sources. Evacuate unprotected personnel from hazard area.
Cover with inorganic absorbent material. Collect using non-sparking
tools. Clean up residue with an appropriate organic solvent. Read
and follow safety precautions on the solvent label and MSDS. Place
in an approved metal container. Seal the container.

RECOMMENDED DISPOSAL:

Incinerate in a permitted hazardous waste incinerator.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: N/A.

VOC Less H2O & Exempt Solvents: N/A.

Since regulations vary, consult applicable regulations or authorities
before disposal. In the event of an uncontrolled release of this
material, the user should determine if the release qualifies as a
reportable quantity. U.S. EPA Hazardous Waste Number = D001
(Ignitable)

EPCRA HAZARD CLASS:

FIRE HAZARD: No PRESSURE: No REACTIVITY: Yes ACUTE: Yes CHRONIC: Yes

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6. SUGGESTED FIRST AID

EYE CONTACT:

Immediately flush eyes with large amounts of water. Get immediate medical attention.

SKIN CONTACT:

Immediately wash skin with soap and large amounts of water. Remove contaminated clothing. If signs/symptoms occur, call a physician. Wash contaminated clothing before reuse and dispose of contaminated shoes.

INHALATION:

If signs/symptoms occur, remove person to fresh air. If signs/symptoms continue, call a physician.

IF SWALLOWED:

Do not induce vomiting. Drink two glasses of water. Call a physician.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Avoid eye contact. Wear vented goggles. Wear safety glasses with side shields.

SKIN PROTECTION:

Avoid skin contact. Wear appropriate gloves when handling this material.

RECOMMENDED VENTILATION:

Provide appropriate local exhaust for grinding, cutting or sanding cured material. Use in a well-ventilated area. Provide sufficient ventilation to maintain emissions below recommended exposure limits. If exhaust ventilation is not adequate, use appropriate respiratory protection.

RESPIRATORY PROTECTION:

Avoid breathing of dust created by cutting, sanding or grinding. Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: half-mask dust respirator.

PREVENTION OF ACCIDENTAL INGESTION:

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Wash hands after handling and before eating. Do not ingest.

7. PRECAUTIONARY INFORMATION (continued)

RECOMMENDED STORAGE:

Store away from heat. Store out of direct sunlight. Keep container closed when not in use. Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:

Keep container tightly closed. Keep away from heat, sparks, open flame, and other sources of ignition.

OTHER PRECAUTIONARY INFORMATION:

Wash contaminated clothing thoroughly before re-use. Discard contaminated leather clothing.

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
BENZOYL PEROXIDE.....	5	MG/M3	TWA	ACGIH	
BENZOYL PEROXIDE.....	5	MG/M3	TWA	OSHA	
WATER.....	NONE	NONE	NONE	NONE	
PLASTICIZER.....	NONE	NONE	NONE	NONE	
ZINC STEARATE.....	10	MG/M3	TWA	OSHAV	
		AS DUST			
		OSHA VACATED PEL			
ZINC STEARATE.....	10	MG/M3	TWA	ACGIH	
ZINC STEARATE.....	15	MG/M3	TWA	OSHA	
		AS TOTAL DUST			
ZINC STEARATE.....	5	MG/M3	TWA	OSHA	
		RESPIRABLE			
SURFACTANT.....	NONE	NONE	NONE	NONE	
CALCIUM SULFATE.....	10	MG/M3	TWA	ACGIH	
CALCIUM SULFATE.....	15	MG/M3	TWA	OSHA	
		AS TOTAL DUST			
CALCIUM SULFATE.....	5	MG/M3	TWA	OSHA	
		RESPIRABLE			
PIGMENT.....	5	MG/M3	TWA	ACGIH	Y
		AS CN			
PIGMENT.....	5	MG/M3	TWA	OSHA	Y
		AS CN			

* SKIN NOTATION: Listed substances indicated with 'Y' under SKIN refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- OSHA: Occupational Safety and Health Administration
- OSHAV: Occupational Safety and Health Administration Vacated PEL.

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EXPOSURE LIMITS (continued)

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
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Vacated Permissible Exposure Limits (PEL) are enforced as the OSHA PEL in some states. Check with your local regulatory authority.

- NONE: None Established

8. HEALTH HAZARD DATA

EYE CONTACT:

Moderate Eye Irritation: signs/symptoms can include redness, swelling, pain, tearing, and hazy vision.

SKIN CONTACT:

Moderate Skin Irritation: signs/symptoms can include redness, swelling, itching, and dryness.

Prolonged or repeated exposure may cause:

Allergic Skin Reaction: signs/symptoms can include redness, swelling, blistering, and itching.

INHALATION:

Irritation (upper respiratory): signs/symptoms can include soreness of the nose and throat, coughing and sneezing.

Dust from cutting, grinding, sanding or machining may cause irritation of the respiratory system.

No adverse health effects are expected from the normal handling and use of this material.

IF SWALLOWED:

Ingestion may cause:

Irritation of Gastrointestinal Tissues: signs/symptoms can include pain, vomiting, abdominal tenderness, nausea, blood in vomitus, and blood in feces.

SECTION CHANGE DATES

HEADING SECTION CHANGED SINCE November 26, 2001 ISSUE

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