

Duns No.: 00-617-3082

MATERIAL SAFETY
 DATA SHEET



DIVISION: ADHESIVES, COATINGS AND SEALERS
 TRADE NAME:
 3M Rocker Schutz Part No. 08874 (1PB)
 3M I.D. NUMBER: 62-5818-6509-4

ISSUED: DECEMBER 30, 1989
 SUPERSEDES: APRIL 12, 1989
 DOCUMENT: 10-8279-1

1. INGREDIENT	C.A.S. NO.	PERCENT	EXPOSURE		LIMITS	
			VALUE	UNIT	TYPE	AUTH
methyl ethyl ketone	78-93-3	50.0 - 60.0	200	ppm	TWA	ACGIH
toluene	108-88-3	10.0 - 20.0	100	ppm	TWA	ACGIH
acrylonitrile-butadiene polymer	9003-18-3	1.0 - 10.0	NONE	NONE	NONE	NONE
talc	14807-96-6	1.0 - 10.0	2	mg/m ³	TWA	ACGIH
phenol-formaldehyde polymer	9003-35-4	1.0 - 10.0	NONE	NONE	NONE	NONE
phenol-formaldehyde polymer - Vendor Trade Secret (V.T.S.)	V.T.S.	1.0 - 10.0	NONE	NONE	NONE	NONE
poly(ethyl methacrylate)	9003-42-3	1.0 - 10.0	NONE	NONE	NONE	NONE
glass bubbles	none	1.0 - 10.0	NONE	NONE	NONE	NONE
titanium dioxide	13463-67-7	0.1 - 1.0	10	mg/m ³	TWA	ACGIH

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- NONE: None Established

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICAL OR CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372:

- methyl ethyl ketone
- toluene

2. PHYSICAL DATA

BOILING POINT:..... 175.00 F
 (MEK)
 VAPOR PRESSURE:..... 80.0000 mmHg
 @ 68F
 VAPOR DENSITY: < 3.00 Air = 1
 EVAPORATION RATE:..... ca. 3.00 Ether = 1
 SOLUBILITY IN WATER: Very slight
 SP. GRAVITY:..... 0.810 Water = 1
 PERCENT VOLATILE: ca. 70.00 %
 VOLATILE ORGANICS: 652.00 gm/l
 pH: N/A
 VISCOSITY: ca. 4600.0 CPS
 APPEARANCE AND ODOR: Tan, heavy liquid, solvent odor

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... 20.00 F
 FLAMMABLE LIMITS - LEL: 1.27 %
 FLAMMABLE LIMITS - UEL: 11.50 %
 AUTOIGNITION TEMPERATURE: ... N/D
 EXTINGUISHING MEDIA:
 CO₂, foam, dry chemical
 SPECIAL FIRE FIGHTING PROCEDURES:
 Fire fighters should be equipped with self-contained breathing

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



MSDS: 3M Rocker Schutz Part No. 08874 (1PB)
DECEMBER 30, 1989

PAGE: 2 of 4

3. FIRE AND EXPLOSION HAZARD DATA (continued)

apparatus when fighting fires involving this material.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
Flammable. Overheated, closed containers adjacent to fire could
explode due to internal pressure buildup.
NFPA-HAZARD-CODES: HEALTH 2 FIRE 3 REACTIVITY 0
UNUSUAL REACTION HAZARD: None

4. REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY - MATERIALS TO AVOID:
NONE
HAZARDOUS POLYMERIZATION: Will Not Occur
HAZARDOUS DECOMPOSITION PRODUCTS:
CO, CO₂, C, H, N and smoke particles when subjected to excessive heat
or flame.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:
Extinguish all ignition sources. Ventilate. Observe precautions
from other sections. Collect spilled material. Place in a U.S.
Dept. of Transportation approved metal container and seal.

RECOMMENDED DISPOSAL:
Incinerate bulk product after mixing with flammable material in a
permitted hazardous waste facility. Disposal should be in accordance
with applicable regulations. U.S. EPA Hazardous Waste Number: D001
(Ignitable).

ENVIRONMENTAL DATA:
Volatile Organic Compound (VOC):
Maximum VOC = 652 grams/liter.
Maximum VOC minus Water minus Exempt Solvents = 652 grams/liter.
VOC's were calculated according to Rule 443.1 of the South Coast
Air Quality Management District (SCAQMD).

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

6. SUGGESTED FIRST AID

EYE CONTACT:
Flush eyes with large amounts of water for at least 10 minutes. Call
a physician.

SKIN CONTACT:
Thoroughly wash affected area with soap and water.

INHALATION:
Remove person to fresh air. Call a physician.

MATERIAL SAFETY
 DATA SHEET



MSDS: 3M Rocker Schutz Part No. 08874 (1PB)
 DECEMBER 30, 1989

PAGE: 3 of 4

6. SUGGESTED FIRST AID (continued)

IF SWALLOWED:

Do not induce vomiting. Drink two glasses of milk or water. Call a physician or poison control center. (Never give anything by mouth to an unconscious person.) If spontaneous vomiting should occur, lower person's head below the hips to prevent lung damage.

OTHER FIRST AID:
 NONE

7. PRECAUTIONARY INFORMATION

Keep product and its vapors away from heat, sparks, flame and all other sources of ignition. The vapors released by this product can easily be ignited. Use only in areas with sufficient ventilation to maintain vapor concentrations below the recommended exposure limits. Avoid prolonged breathing of vapors. Avoid eye and skin contact; wear chemical goggles or safety glasses and impervious gloves when handling this product. Keep container tightly closed when not in use. Keep out of the reach of children.

ADDITIONAL EXPOSURE LIMITS

INGREDIENTS	EXPOSURE LIMITS		LIMITS	
	VALUE	UNIT	TYPE	AUTH
methyl ethyl ketone	590	mg/m3	TWA	ACGIH
methyl ethyl ketone	300	ppm	STEL	ACGIH
methyl ethyl ketone	885	mg/m3	STEL	ACGIH
methyl ethyl ketone	200	ppm	TWA	OSHA
methyl ethyl ketone	590	mg/m3	TWA	OSHA
methyl ethyl ketone	300	ppm	STEL	OSHA
methyl ethyl ketone	885	mg/m3	STEL	OSHA
toluene	375	mg/m3	TWA	ACGIH
toluene	150	ppm	STEL	ACGIH
toluene	560	mg/m3	STEL	ACGIH
toluene	100	ppm	TWA	OSHA
toluene	375	mg/m3	TWA	OSHA
toluene	150	ppm	STEL	OSHA
toluene	560	mg/m3	STEL	OSHA
talc	2	mg/m3	TWA	OSHA
titanium dioxide	10	mg/m3	TWA	OSHA

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- OSHA: Occupational Safety and Health Administration

8. HEALTH HAZARD DATA

EYE CONTACT: Liquid and vapor may cause eye irritation.

SKIN CONTACT: May cause skin irritation. Symptoms may include dryness and cracking.

INHALATION: Solvent overexposure may cause respiratory irritation.

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

3M General Offices

3M Center
St. Paul, Minnesota 55144-1000
612/733 1110

Duns No.: 00-617-3082

03-96
3537

MATERIAL SAFETY
DATA SHEET



MSDS: 3M Rocker Schutz Part No. 08874 (1PB)
DECEMBER 30, 1989

PAGE: 4 of 4

8. HEALTH HAZARD DATA (continued)

temporary nervous system impairment (light-headedness), liver, kidney and blood changes. Symptoms of overexposure may include dizziness, weakness, fatigue, headache, nausea, and in the extreme -- coma and death. Repeated or extreme overexposure to toluene vapors may cause nervous system damage.

INGESTION: May cause digestive system irritation and nervous system impairment. Symptoms may include nausea, vomiting, abdominal pain, malaise, dizziness and loss of coordination. Solvent aspiration into the lungs as a result of vomiting may cause lung damage and, in the extreme, may be fatal.

SECTION CHANGE DATES

ENVIRON. DATA SECTION CHANGED SINCE APRIL 12, 1989 ISSUE

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

The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this material under normal conditions. Any use of the material which is not in conformance with this Data Sheet or which involves using the material in combination with any other material or any other process is the responsibility of the user.