3M General Offices
3M Center
St. Paul, Minnesota 55144-1000
612/733-1110
Duns No.: 00-617-3082

07-89
8614

MATERIAL SAFETY DATA SHEET

3M

DIVISION: AUTOMOTIVE TRADES
TRADE NAME:
ULTRAPRO (TM) Sealant Tan (1PB) Part Nos. 08300 and 08301
3M I.D. NUMBER: 62-5546-2609-3 62-5546-5209-9

ISSUED: APRIL 12, 1990
SUPERSEDES: DECEMBER 30, 1989
DOCUMENT: 11-0083-3

1. INGREDIENT

INGREDIENT	C.A.S. NO.	PERCENT	EXPOSURE LIMITS VALUE	UNIT	TYPE	AUTH
toluene	108-88-3	30.0 - 40.0	100	ppm	TWA	ACGIH
hydrocarbon resin	69430-35-9	10.0 - 20.0	NONE	NONE	NONE	NONE
alpha-methylstyrene polymer	25014-31-7	10.0 - 20.0	NONE	NONE	NONE	NONE
thermoplastic rubber	66070-58-4	10.0 - 20.0	NONE	NONE	NONE	NONE
mineral oil	8012-95-1	10.0 - 20.0	5	mg/m3	TWA	ACGIH
amorphous silicon dioxide	7631-86-9	1.0 - 10.0	3	mg/m3	TWA	ACGIH
titanium dioxide	13463-67-7	1.0 - 10.0	10	mg/m3	TWA	ACGIH
xylene isomers	1330-20-7	1.0 - 10.0	100	ppm	TWA	ACGIH
ethylbenzene	100-41-4	0.1 - 1.0	100	ppm	TWA	ACGIH

SOURCE OF EXPOSURE LIMIT DATA:
- ACGIH: American Conference of Governmental Industrial Hygienists
- NONE: None Established

NOTE: This product replaces ULTRAPRO Autobody Slnt White (1PA) PART NOS. 08300 / 08301 / 08330 and 08335.

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:
toluene
xylene isomers
ethylbenzene

2. PHYSICAL DATA

BOILING POINT:..... 232.00 F
(toluene)
VAPOR PRESSURE:..... 25.1900 mmHg
@ 68F
VAPOR DENSITY: ..... 3.14 Air = 1
EVAPORATION RATE:..... 4.50 Ether = 1
SOLUBILITY IN WATER: ..... Nil
SP. GRAVITY:..... 0.940 Water = 1
PERCENT VOLATILE: ..... 36.00 %
VOLATILE ORGANICS: ..... 337.00 gm/l
pH: ..... N/A
VISCOSITY: ..... ca. 600000.0 CPS
APPEARANCE AND ODOR: Tan colored, viscous paste, sweet odor.

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... 40.00 F T.C.C.
(Toluene)
FLAMMABLE LIMITS - LEL: ..... 1.27 %
FLAMMABLE LIMITS - UEL: ..... 7.00 %
AUTOIGNITION TEMPERATURE: ... N/D

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

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3. FIRE AND EXPLOSION HAZARD DATA (continued)

EXTINGUISHING MEDIA:
CO2, foam, dry chemical
SPECIAL FIRE FIGHTING PROCEDURES:
Fire fighters should be equipped with self-contained breathing 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:
N/A
HAZARDOUS POLYMERIZATION: Will Not Occur
HAZARDOUS DECOMPOSITION PRODUCTS:
CO, CO2 and smoke particles when subjected to excessive heat or flame.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:
Extinguish all ignition sources. Ventilate the area. Observe precautions from other sections. Contain the spill. Cover with absorbent materials as needed. Collect the spilled material using non-sparking tools. Place in a U.S. Department of Transportation-approved metal container, and seal.

RECOMMENDED DISPOSAL:
Incinerate absorbed and bulk product after mixing with flammable material in a licensed 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 = 337 grams/liter.
Maximum VOC minus Water minus Exempt Solvents = 337 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.

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6. SUGGESTED FIRST AID (continued)

SKIN CONTACT:
Wash affected area with soap and water.

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

IF SWALLOWED:
Do not induce vomiting. Drink two glasses of milk or water. Call a physician or poison control center.

OTHER FIRST AID:
NONE

7. PRECAUTIONARY INFORMATION

FOR INDUSTRIAL OR PROFESSIONAL USE ONLY. Keep product and its vapors away from all sources of ignition. The vapors released by this product can be ignited easily. Use only in areas with sufficient ventilation to maintain vapor concentrations below recommended exposure limits. Avoid eyes and skin contact. Wear eye (e.g. safety glasses) and skin (e.g. impervious gloves) protection when handling product. Avoid prolonged breathing of vapors. Keep container tightly capped when not in use. Keep out of the reach of children.

ADDITIONAL EXPOSURE LIMITS

INGREDIENTS	EXPOSURE LIMITS VALUE	UNIT	TYPE	AUTH
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
mineral oil	10	mg/m3	STEL	ACGIH
mineral oil	5	mg/m3	TWA	OSHA
amorphous silicon dioxide	6	mg/m3	TWA	ACGIH
titanium dioxide	10	mg/m3	TWA	OSHA
xylene isomers	435	mg/m3	TWA	ACGIH
xylene isomers	150	ppm	STEL	ACGIH
xylene isomers	655	mg/m3	STEL	ACGIH
xylene isomers	100	ppm	TWA	OSHA
xylene isomers	435	mg/m3	TWA	OSHA
xylene isomers	150	ppm	STEL	OSHA
xylene isomers	655	mg/m3	STEL	OSHA
ethylbenzene	435	mg/m3	TWA	ACGIH
ethylbenzene	125	ppm	STEL	ACGIH
ethylbenzene	545	mg/m3	STEL	ACGIH
ethylbenzene	100	ppm	TWA	OSHA
ethylbenzene	435	mg/m3	TWA	OSHA
ethylbenzene	125	ppm	STEL	OSHA
ethylbenzene	545	mg/m3	STEL	OSHA

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7. PRECAUTIONARY INFORMATION (continued)

SOURCE OF EXPOSURE LIMIT DATA:
- ACGIH: American Conference of Governmental Industrial Hygienists
- OSHA: Occupational Safety and Health Administration

8. HEALTH HAZARD DATA

EYE CONTACT: Product may cause eye irritation upon direct contact.

SKIN CONTACT: Prolonged or repeated skin contact may defat skin leading to irritation and dermatitis.

INHALATION: Vapor overexposure may cause respiratory system irritation and temporary nervous system impairment (light-headedness). Repeated or extreme overexposure to toluene vapors may cause nervous system damage. Based on animal studies, chronic overexposure to xylene may cause blood changes and heart, liver, and kidney damage. Symptoms of overexposure may include headache, dizziness, weakness, fatigue, nausea and, on extreme overexposure, unconsciousness.

INGESTION: May cause digestive system irritation, kidney damage, and temporary nervous system impairment (light-headedness). Symptoms of ingestion may include nausea and vomiting.

SECTION CHANGE DATES

HEADING	SECTION CHANGED SINCE DECEMBER 30, 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.