

MATERIAL SAFETY 3M  
 DATA SHEET 3M Center  
 St. Paul, Minnesota  
 55144-1000  
 1-800-364-3577 or (651) 737-6501 (24 hours)

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DIVISION: AUTOMOTIVE AFTERMARKET  
 TRADE NAME:

3M WINDO-WELD Super Fast Urethane Primer P/N 08608  
 ID NUMBER/U.P.C.:  
 60-9800-2127-7 00-51135-08608-7 62-5759-0109-5 00-51135-08608-7  
 ISSUED: April 07, 2000 (Inactive)  
 SUPERSEDES: April 06, 2000  
 DOCUMENT: 10-5295-0

1. INGREDIENT	C.A.S. NO.	PERCENT
METHYL ETHYL KETONE.....	78-93-3	30.0 - 60.0
ALKYL ISOCYANATE SILANE.....	85702-90-5	10.0 - 30.0
TOLUENE.....	108-88-3	7.0 - 13.0
1,6-HEXAMETHYLENE DIISOCYANATE-TDI COPOLYMER.....	63368-95-6	5.0 - 10.0
N-BUTYL ACETATE.....	123-86-4	5.0 - 10.0
POLY(ETHYLENE-DIMETHYLTEREPHTHALATE- ISOPHTHALATE-NEOPENTYL GLYCOL).....	35176-78-4	5.0 - 13.0
CARBON BLACK.....	1333-86-4	1.0 - 5.0
XYLENE.....	1330-20-7	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:

- METHYL ETHYL KETONE
- TOLUENE
- XYLENE

2. PHYSICAL DATA

BOILING POINT:..... 175.00 F  
 (MEK)  
 VAPOR PRESSURE:..... 80.0000 mmHg  
 @ 68F

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

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2. PHYSICAL DATA (continued)  
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VAPOR DENSITY:..... 3.00 Air=1  
EVAPORATION RATE:..... 2.70 Ether=1  
SOLUBILITY IN WATER:..... Very slight  
SPECIFIC GRAVITY:..... 1.050 Water=1  
PERCENT VOLATILE:..... 62.00 % by wt  
pH:..... N/D  
VISCOSITY:..... 200.0 centipoise  
MELTING POINT:..... N/D

APPEARANCE AND ODOR:  
liquid, black, charateristic MEK solvent odor

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3. FIRE AND EXPLOSION HAZARD DATA  
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FLASH POINT:..... 20.00 F  
FLAMMABLE LIMITS - LEL:..... 1.20 % by vol  
FLAMMABLE LIMITS - UEL:..... 11.50 % by vol  
AUTOIGNITION TEMPERATURE:..... N/D

EXTINGUISHING MEDIA:  
Carbon dioxide, Dry chemical, Foam

SPECIAL FIRE FIGHTING PROCEDURES:  
Wear full protective clothing, including helmet, self-contained,  
positive pressure or pressure demand breathing apparatus, bunker coat  
and pants, bands around arms, waist and legs, face mask, and  
protective covering for exposed areas of the head.

UNUSUAL FIRE AND EXPLOSION HAZARDS:  
Closed containers exposed to heat from fire may build pressure and  
explode. Vapors may travel long distances along the ground or floor  
to an ignition source and flash back.

NFPA HAZARD CODES: HEALTH: 3 FIRE: 3 REACTIVITY: 1  
UNUSUAL REACTION HAZARD: none

OSHA FIRE HAZARD CLASS: Class IB Flammable Liquid

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4. REACTIVITY DATA  
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STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:  
Amines, Alcohols, Water. Reaction with water, alcohols and amines is  
not hazardous if container can vent to the atmosphere to prevent  
pressure buildup.

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4. REACTIVITY DATA (continued)  
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HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and Carbon Dioxide, Oxides of Nitrogen, Toxic Vapors,  
Gases or Particulates.

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5. ENVIRONMENTAL INFORMATION  
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SPILL RESPONSE:

Refer to other sections of this MSDS for information regarding  
physical and health hazards, respiratory protection, ventilation, and  
personal protective equipment. Extinguish all ignition sources.  
Cover with absorbent material. Collect using non-sparking tools.  
Place in a U.S. DOT-approved container.

RECOMMENDED DISPOSAL:

Incinerate in a permitted hazardous waste incinerator in the presence  
of a combustible material. Dispose of waste product in a facility  
permitted to accept chemical waste.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: 609 gms/liter South Coast Air Quality Mgmt  
Dist Method Rule 443.1, calculated.  
VOC Less H2O & Exempt Solvents: 609 gms/liter South Coast Air Quality Mgmt  
Dist Method Rule 443.1, calculated.

Since regulations vary, consult applicable regulations or authorities  
before disposal. U.S. EPA Hazardous Waste Number = D001 (Ignitable)

EPCRA HAZARD CLASS:

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

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6. SUGGESTED FIRST AID  
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EYE CONTACT:

Immediately flush eyes with large amounts of water for at least 15  
minutes. Get immediate medical attention.

SKIN CONTACT:

Flush skin with large amounts of water. If irritation persists, get  
medical attention.

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6. SUGGESTED FIRST AID (continued)  
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INHALATION:

Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.

IF SWALLOWED:

If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

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7. PRECAUTIONARY INFORMATION  
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EYE PROTECTION:

Avoid eye contact. The following should be worn alone or in combination, as appropriate, to prevent eye contact: Wear vented goggles. Wear safety glasses with side shields. Wear full-face shield.

SKIN PROTECTION:

Avoid skin contact. Wear appropriate gloves when handling this material. A pair of gloves made from the following material(s) are recommended: polyethylene/ethylene vinyl alcohol, polytetrafluoroethylene (Teflon).

RECOMMENDED VENTILATION:

Use with appropriate local exhaust ventilation. 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 vapors. Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: half-mask supplied air respirator.

PREVENTION OF ACCIDENTAL INGESTION:

Do not ingest.

RECOMMENDED STORAGE:

Keep container closed when not in use. Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:

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

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 7. PRECAUTIONARY INFORMATION (continued)  
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EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
METHYL ETHYL KETONE.....	200	PPM	TWA	OSHA	
METHYL ETHYL KETONE.....	300	PPM	STEL	OSHA	
METHYL ETHYL KETONE.....	200	PPM	TWA	ACGIH	
METHYL ETHYL KETONE.....	300	PPM	STEL	ACGIH	
ALKYL ISOCYANATE SILANE.....	NONE	NONE	NONE	NONE	
TOLUENE.....	50	PPM	TWA	ACGIH	Y
TOLUENE.....	100	PPM	TWA	OSHAV	
			OSHA VACATED PEL		
TOLUENE.....	150	PPM	STEL	OSHAV	
			OSHA VACATED PEL		
TOLUENE.....	200	PPM	TWA	OSHA	
TOLUENE.....	300	PPM	CEIL	OSHA	
1,6-HEXAMETHYLENE DIISOCYANATE-TDI COPOLYMER.....	NONE	NONE	NONE	NONE	
N-BUTYL ACETATE.....	150	PPM	TWA	OSHA	
N-BUTYL ACETATE.....	200	PPM	STEL	OSHA	
N-BUTYL ACETATE.....	150	PPM	TWA	ACGIH	
N-BUTYL ACETATE.....	200	PPM	STEL	ACGIH	
POLY(ETHYLENE- DIMETHYLTEREPHTHALATE-ISOPHTHALATE- NEOPENTYL GLYCOL).....	NONE	NONE	NONE	NONE	
CARBON BLACK.....	3.5	MG/M3	TWA	ACGIH	
CARBON BLACK.....	3.5	MG/M3	TWA	OSHA	
XYLENE.....	100	PPM	TWA	ACGIH	
XYLENE.....	150	PPM	STEL	ACGIH	
XYLENE.....	100	PPM	TWA	OSHA	
XYLENE.....	150	PPM	STEL	OSHA	

\* 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.  
 Vacated Permissible Exposure Limits (PEL) are enforced as the OSHA PEL in some states. Check with your local regulatory authority.
- NONE: None Established

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8. HEALTH HAZARD DATA  
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EYE CONTACT:

Severe Eye Irritation: signs/symptoms can include redness, swelling, pain, tearing, cloudy appearance of the cornea, impaired vision and possible permanently impaired vision.

SKIN CONTACT:

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

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

May be absorbed through the skin and produce effects similiar to those caused by inhalation and/or ingestion.

INHALATION:

Allergic Respiratory Reaction: signs/symptoms can include difficulty breathing, wheezing, tightness of chest, and respiratory failure.

Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, incoordination, slowed reaction time, slurred speech, giddiness and unconsciousness.

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

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.

Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, muscular weakness, incoordination, slowed reaction time, fatigue, blurred vision, slurred speech, giddiness, tremors and convulsions.

Aspiration Pneumonitis: signs/symptoms can include coughing, difficulty breathing, wheezing, coughing up blood and pneumonia, which can be fatal.

CANCER:

WARNING: Contains a chemical which can cause cancer. (1333-86-4)  
(IARC possible human carcinogen 2B)

WARNING: Contains a chemical which can cause cancer. (26471-62-5)  
(NTP anticipated human carcinogen, IARC possible human carcinogen 2B,  
Calif. Proposition 65)

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8. HEALTH HAZARD DATA (continued)  
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REPRODUCTIVE/DEVELOPMENTAL TOXINS:

WARNING: Contains a chemical which can cause birth defects. (108-88-3)

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SECTION CHANGE DATES  
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INGREDIENTS                      SECTION CHANGED SINCE April 06, 2000                      ISSUE

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