3M General Offices
3M Center
St. Paul, Minnesota 55144-1000
(612) 733-1110

Duns No.: 00-617-3082

00-07
632

MATERIAL SAFETY
DATA SHEET

DIVISION: ADHESIVES, COATINGS AND SEALERS
TRADE NAME:
3M WINDO-WELD(TM) Heavy Bodied Sealant Part No. 08636
3M I.D. NUMBER: 62-5591-5209-5

ISSUED: SEPTEMBER 19, 1988
SUPERSEDES: JULY 13, 1987
DOCUMENT: 10-8119-9

1. INGREDIENT	C.A.S. NO.	PERCENT	EXPOSURE LIMITS VALUE	UNIT	TYPE	AUTH
calcium carbonate	471-34-1	60.0 - 70.0	10	mg/m3	TWA	ACGIH
petroleum distillate	64742-89-8	10.0 - 20.0	NONE	NONE	NONE	NONE
polypropylene	9003-07-0	1.0 - 10.0	NONE	NONE	NONE	NONE
isobutylene-isoprene polymer	9010-85-9	1.0 - 10.0	NONE	NONE	NONE	NONE
polyethylene	9002-88-4	1.0 - 10.0	NONE	NONE	NONE	NONE
polybutylene	9003-29-6	1.0 - 10.0	NONE	NONE	NONE	NONE
polyterpene resin	25719-60-2	1.0 - 10.0	NONE	NONE	NONE	NONE
xylene isomers	1330-20-7	1.0 - 10.0	100	ppm	TWA	ACGIH

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

2. PHYSICAL DATA

BOILING POINT:..... 200.00-210.00 F
VAPOR PRESSURE:..... 80.0000 mmHg
@ 100F
VAPOR DENSITY: ..... ca. 2.50 Air = 1
EVAPORATION RATE:..... 4.50 Ether = 1
SOLUBILITY IN WATER: ..... Very slight
SP. GRAVITY:..... 1.510 Water = 1
PERCENT VOLATILE: ..... ca. 15.00 %
VOLATILE ORGANICS: ..... 225.00 gm/l
pH: ..... N/A
VISCOSITY: ..... Non-sag paste
APPEARANCE AND ODOR: Black paste - slight solvent odor

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... 32.00 F
FLAMMABLE LIMITS - LEL: ..... 1.00 %
FLAMMABLE LIMITS - UEL: ..... 8.00 %
AUTOIGNITION TEMPERATURE: ... N/D
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.

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

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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 the precautions from other sections. Collect spilled material. Place in a U.S. Department of Transportation - approved metal container, and seal.

RECOMMENDED DISPOSAL:
Incinerate 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: D-001 (Ignitable).

ENVIRONMENTAL DATA:
Volatile Organic Compound (VOC):
Maximum VOC = 225 grams/liter.
Maximum VOC minus Water minus Exempt Solvents = 225 grams/liter.

6. SUGGESTED FIRST AID

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

SKIN CONTACT:
Wash with soap and water.

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

IF SWALLOWED:
Do not induce vomiting. Immediately call a physician or poison control center.

OTHER FIRST AID:
NONE

7. PRECAUTIONARY INFORMATION

Keep product and its vapor away from heat, sparks, flame, and other sources of ignition. Avoid prolonged breathing of vapors. Use only in areas with sufficient ventilation to maintain vapor concentrations below recommended exposure limits. Prevent contact with eyes. Avoid

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7. PRECAUTIONARY INFORMATION (continued)

prolonged contact with skin. Keep container closed when not in use. Keep out of the reach of children.

ADDITIONAL EXPOSURE LIMITS

INGREDIENTS	EXPOSURE LIMITS VALUE	UNIT	TYPE	AUTH
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

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

8. HEALTH HAZARD DATA

EYE CONTACT: May cause eye irritation.

SKIN CONTACT: May cause skin irritation on prolonged or repeated contact.

INHALATION: Vapor overexposure may cause respiratory system irritation and temporary nervous system impairment (light-headedness). Symptoms of overexposure may include headache, dizziness, weakness, fatigue, and on extreme overexposure, unconsciousness. Prolonged or repeated overexposure to vapors may cause nervous system damage. Heart, liver, kidney and blood changes have been associated with prolonged or repeated overexposure to xylene vapors.

INGESTION: May cause digestive system irritation and light-headedness. Symptoms may include nausea and vomiting.

SECTION CHANGE DATES

INGREDIENTS	**SECTION CHANGED SINCE**	**JULY 13, 1987 ISSUE**
ENVIRON. DATA	**SECTION CHANGED SINCE**	**JULY 13, 1987 ISSUE**
FIRST AID	**SECTION CHANGED SINCE**	**JULY 13, 1987 ISSUE**
PRECAUT. INFO.	**SECTION CHANGED SINCE**	**JULY 13, 1987 ISSUE**
HEALTH HAZD. DATA	**SECTION CHANGED SINCE**	**JULY 13, 1987 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 product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.