

3M General Offices

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

Duns No.: 00-617-3082

MATERIAL SAFETY
DATA SHEET



DIVISION: ADHESIVES, COATINGS AND SEALERS
TRADE NAME: 3M Brand Drip-Check Sealer (Part No. 08521)
3M I.D. NUMBER: 62-1918-2609-8
ISSUED: JUNE 30, 1987
SUPERSEDES: JANUARY 29, 1986
DOCUMENT: 10-5247-1

1. INGREDIENTS	C.A.S. NO.	PERCENT	EXPOSURE LIMITS	
acrylonitrile/butadiene elastomer	N/A		N/D	5
phenolic resin	N/A		N/D	5
calcium carbonate	N/A		N/D	5
zinc oxide	N/A		N/D	5
magnesium oxide	N/A		N/D	5
antioxidant	N/A		N/D	5
salicylic acid	N/A		N/D	5
TOTAL OF THE ABOVE	N/A	37.0	N/D	5
titanium dioxide	13463-67-7	1.0	N/D	5
carbon black	1333-86-4	0.1-0.5	3.5 mg/m ³	1
fumed silicon dioxide	7631-86-9	2.0	N/D	5
toluene	108-88-3	45.0	100 ppm	1
amyl acetate	628-63-7	15.0	100 ppm	1

SOURCE OF EXPOSURE LIMIT DATA:

1. ACGIH Threshold Limit Values
2. Federal OSHA Permissible Exposure Limit
3. 3M Exposure Guidelines
4. Chemical Manufacturer Recommended Guidelines
5. None Established

ABBREVIATIONS:

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

2. PHYSICAL DATA

BOILING POINT: 232F (Toluene)
 VAPOR PRESSURE: 25.19 mm
 VAPOR DENSITY (Air=1): 4
 EVAPORATION RATE (Ether=1): 6
 APPEARANCE AND ODOR: Syrupy light gray -- characteristic toluene odor
 SOLUBILITY IN WATER: Very slight
 SP. GRAVITY (Water=1): 1.04
 PERCENT VOLATILE: 60.0%
 VISCOSITY: 200 Centistokes
 pH: N/A

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3. FIRE AND EXPLOSION HAZARD DATA

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FLASH POINT (Closed Cup): 40F
FLAMMABLE LIMITS - LEL: 1.1 UEL: 7.0

EXTINGUISHING MEDIA:
CO2, foam and 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 pressure buildup.

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4. REACTIVITY DATA

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STABILITY: STABLE

INCOMPATIBILITY - MATERIALS TO AVOID:

N/A

HAZARDOUS POLYMERIZATION: MAY NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS:

Thermal decomposition or burning may produce C, H, N decomposition products.

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5. ENVIRONMENTAL INFORMATION

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SPILL RESPONSE:

Observe precautions in all sections. Extinguish all ignition sources in the immediate work area. Collect spilled material. Clean up residue and place in closed metal container (U.S. Dept. of Transportation approved if material is to be shipped). Use absorbent material as needed in cleanup procedure.

RECOMMENDED DISPOSAL:

Commercial incineration with destruction and removal efficiency greater than 99.99% or reclamation is preferred. Otherwise, dispose in accordance with applicable regulations. U.S. EPA Hazardous Waste Number: D001 (Ignitable).

ENVIRONMENTAL DATA:

VOC: 618 grams/liter maximum Volatile Organic Compound.

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6. SUGGESTED FIRST AID

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EYE CONTACT:

Immediately flush eyes with plenty of water, for at least 10 minutes and call a physician.

SKIN CONTACT:

Wash with soap and water.

INHALATION:

Provide fresh air.

IF SWALLOWED:

Do not induce vomiting. Give victim two glasses of milk or water to drink and call a physician immediately. If spontaneous vomiting should occur, lower victim's head between the knees to prevent aspiration into the lungs. Do not give liquids to an unconscious person.

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7. PRECAUTIONARY INFORMATION

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Keep away from heat, sparks and flame. Use only in areas adequately ventilated to remove vapors and prevent vapor buildup. Avoid eye contact. Avoid prolonged breathing of vapors and prolonged or repeated skin contact. Keep container closed when not in use. Keep out of reach of children.

NOTE: Utilize personal protective equipment when handling this product, i.e. rubber or Neoprene gloves, safety glasses or chemical goggles, and an organic vapor mask as required. Provide local exhaust ventilation if necessary to keep vapor levels below the permissible exposure limits.

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8. HEALTH HAZARD DATA

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EYE CONTACT: Product irritating to eyes upon direct contact.

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

INHALATION: Concentrated vapors may produce headache, nausea, dizziness and upper respiratory irritation. Repeated or extreme overexposure to toluene vapors may cause nervous system damage.

INGESTION: May cause gastrointestinal irritation, nausea, vomiting and diarrhea. Solvent aspiration into the lungs as a result of vomiting may cause lung damage.

NOTE: Titanium dioxide is a potential cancer hazard based on animal studies at extremely high, repeated exposures. Under the conditions of product intended use, this poses no likely risk.

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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.

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