

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

MATERIAL SAFETY
DATA SHEET



DIVISION: ADHESIVES, COATINGS AND SEALERS
TRADE NAME: 3M Heavy Drip-Chek Sealer Part No. 08531
3M I.D. NUMBER: 62-2153-2609-1
ISSUED: SEPTEMBER 3, 1987
SUPERSEDES: JUNE 30, 1987
DOCUMENT: 10-5259-6

1. INGREDIENTS	C.A.S. NO.	PERCENT	EXPOSURE LIMITS
synthetic elastomer	N/A		N/D 5
phenolic resin	N/A		N/D 5
fillers and pigment	N/A		N/D 5
TOTAL OF THE ABOVE	N/A		N/D 5
toluene	108-88-3	32.0	N/D 5
amyl acetate	628-63-7	47.0	100 ppm 1
amorphous silicone dioxide	7631-86-9	15.0	100 ppm 1
titanium dioxide	13463-67-7	5.0	20 mppcf 1
		1.0	5 mg/m3 Dust 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 @ 68F
VAPOR DENSITY (Air=1): 4.0
EVAPORATION RATE (Ether=1): 6.0
APPEARANCE AND ODOR: Heavy syrup - solvent odor
Very slight
SOLUBILITY IN WATER: 0.97
SP. GRAVITY (Water=1): 52.0%
PERCENT VOLATILE: 100,000 CPS
VISCOSITY: N/A
pH: N/A

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8. HEALTH HAZARD DATA
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EYE CONTACT: Liquid and vapor may cause irritation.

SKIN CONTACT: May cause irritation on prolonged or repeated contact. Symptoms include dryness and cracking, leading to dermatitis.

INHALATION: Solvent vapors may cause respiratory system irritation, liver and blood changes. Symptoms of exposure include dizziness, giddiness, decreased reaction time, weakness, fatigue and anemia. Deliberate concentration and inhalation may be harmful or fatal. Repeated or extreme overexposure to toluene vapors may cause nervous system damage.

INGESTION: May cause gastrointestinal irritation with nausea, vomiting, diarrhea and temporary light-headedness. Solvent aspiration into the lungs as a result of vomiting may cause lung damage and in the extreme, death.

NOTE: Titanium dioxide is a potential cancer hazard based on animal studies at extremely high, repeated exposures.

OTHER: These effects are not expected under the conditions of product intended use.

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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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