

MATERIAL SAFETY DATA SHEET  
(COMPLIES WITH 29 CFR 1910.1200 HAZARD COMMUNICATION STANDARD)

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(CHEMTREC - 24 HOURS/DAY)  
PREPARED: March 30, 2009  
SUPERCEDES: February 9, 1993

SECTION I: PRODUCT IDENTIFICATION

MSDS REFERENCE NO.: R-8

PRODUCT NUMBER: 46377D

PRODUCT NAME: Permanent Sealer Brownze, Tube Grade (Code BPS-TG)

PRODUCT CLASS: Synthetic Rubber Sealant

DOT HAZARD CLASSIFICATION: Adhesive, 3, UN1133, PG-II

SECTION II: INGREDIENTS

INGREDIENT	CAS#	PERCENT	TLV (ppm)	PEL (ppm)	NOTE
Methyl Ethyl Ketone	78-93-3	45-63	200	200	1
Synthetic Rubber	9003-18-3	16-26	N/A	N/A	1
Phenolic Resin	NA	8-12	N/A	N/A	1
Talc	14807-96-6	8-12	N/A	N/A	1
Titanium Dioxide	13463-67-7	<0.2	N/A	N/A	1
Vinyl Resin	9005-09-8	1-3	N/A	N/A	1
Iron Oxide	1309-37-1	0.2-0.4	N/A	N/A	1
Carbon Black	1333-86-4	<0.1	N/A	N/A	1

Note 1: This chemical is listed by SARA Title 313.

SECTION III: PHYSICAL DATA

BOILING RANGE: 172-178 °F (78-81 °C)      VAPOR DENSITY: Heavier than air  
% VOLATILE BY WEIGHT: 45 - 63 %      EVAPORATION RATE: Slower than ether  
WEIGHT/GAL: 8.0 lbs.

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SECTION IV - FIRE EXPLOSION HAZARD DATA

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Flammability Classification                      FLASH POINT <24° F COC    LEL 2.0  
OSHA: Flammable Liquid, Class IB  
DOT: Adhesive, 3, UN1133, PG-II

EXTINGUISHING MEDIA:

CO<sub>2</sub>     DRY CHEMICAL     WATER FOG     FOAM     ALCOHOL FOAM     OTHER

UNUSUAL FIRE AND EXPLOSION HAZARDS

Material is highly volatile and readily gives off vapors which may travel along the ground or be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition sources at locations distant from material handling point.

SPECIAL FIREFIGHTING PROCEDURES:

Self-contained breathing apparatus with a full faceplate operated in pressure-demand or other positive pressure mode.

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SECTION V - HEALTH HAZARD DATA

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EFFECTS OF OVEREXPOSURE: For Product

EYES - Can cause severe irritation, redness, tearing, blurred vision.

SKIN - Can cause slight irritation.

BREATHING - Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, and even asphyxiation.

SWALLOWING - Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: Unknown.

PRIMARY ROUTE(S) OF ENTRY:  DERMAL     INHALATION     INGESTION

EMERGENCY AND FIRST AID PROCEDURES:

IF ON SKIN: Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before re-use.

IF IN EYES: Flush with large amounts of water, lifting upper and lower lids occasionally.

IF SWALLOWED: Give two glasses of water; induce vomiting immediately by sticking finger down throat. Call a physician. Never give anything by mouth to an unconscious person.

IF BREATHED: Remove individual to fresh air.

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SECTION VI - REACTIVITY DATA

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STABILITY:          X   Stable                   Unstable

HAZARDOUS POLYMERIZATION:               May Occur          X   Will Not Occur

HAZARDOUS DECOMPOSITION PRODUCTS    CO, CO<sub>2</sub>  
CONDITIONS TO AVOID:  Flame, Sparks, Heat, Lack of Ventilation

INCOMPATIBILITY (MATERIALS TO AVOID)        Strong Oxidizing Agents

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SECTION VII - SPILL OR LEAK PROCEDURES

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SMALL SPILL - Absorb all liquid on paper, vermiculite, floor absorbent, or other absorbent material and transfer to hood.

LARGE SPILL - Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source, dike area of spill to prevent spreading, pump liquid to salvage tank. Remaining liquid may be taken up on sand, clay, earth, floor absorbent material and shoveled into containers.

WASTE DISPOSAL METHOD:

SMALL SPILL - Package material in paper and deposit in posted toxic substance landfill in accordance with local, state, federal regulations.

LARGE SPILL - Destroy by liquid incineration.

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SECTIONS VIII - SAFE HANDLING AND USE INFORMATION

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RESPIRATORY PROTECTION: Not required under normal conditions of use.

VENTILATION: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(S).

PROTECTIVE GLOVES:  Wear resistant gloves such as polyethylene.

EYE PROTECTION:  Wear safety glasses in compliance with OSHA regulations. (See your safety equipment supplier)

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SECTION IX - SPECIAL PRECAUTIONS

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:  Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in this data sheet must be observed.

OTHER PRECAUTIONS:  The information accumulated herein is believed to be accurate but is not warranted to be whether originating with W. J. Ruscoe or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.