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# SWD URETHANE COMPANY

## Material Safety Data Sheet

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MSDS-SWD 125 "B"

15-NOVEMBER 2003

SWD 125 "B"

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### 1. CHEMICAL PRODUCT/COMPANY IDENTIFICATION

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**Material Identification**

**PRODUCT NAME**.....SWD 125 "B"  
**CHEMICAL FAMILY** .....Polyurethane Resin  
**CHEMICAL NAME**.....NA  
**SYNONYMS** .....NA  
**CAS NUMBER** .....Mixture  
**FORMULA**.....Trade Secret

**Company Identification****MANUFACTURER/DISTRIBUTOR**

SWD Urethane Company  
 539 South Drew Street  
 Mesa, Arizona 85210

**PHONE NUMBERS**

Transportation Emergency/ Chemtrec: 1-800-424-9300  
 SWD Urethane Company/ Emergency: 1-800-828-1394

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

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**Materials:**

INGREDIENT NAME	CAS NUMBER	CONCENTRATION
Polyol Blend.....	Undisclosed.....	60 – 80 %
HFC-245fa.....	460-73-1.....	7 - 15 %
Halogenated Phosphate .....		5 %
Alkanolamine & Tertiary amine catalyst.....		<5.0 %

Ingredients not precisely identified are proprietary or non-hazardous. Values are not product specifications.

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### 3. HAZARDS IDENTIFICATION

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\*\*\*\*\*EMERGENCY OVERVIEW\*\*\*\*\*  
 \* IRRITANT TO RESPIRATORY PASSAGES, EYES AND \*  
 \* SKIN. VISCOUS LIGHT BROWN \*  
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#### Potential Health Effects:

EYE: Contact may cause severe irritation.

SKIN: Contact may cause irritation.

INGESTION: May cause irritation to digestive tract.

INHALATION: Irritation of the nose, throat, and lungs may result from exposure to vapors or mist.

CHRONIC (CANCER) INFORMATION: Lead compounds are classified as carcinogens.

LONG TERM TOXIC EFFECTS: Not known.

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### 4. FIRST AID MEASURES

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#### First Aid:

INHALATION: Remove to fresh air.

SKIN CONTACT: Wash thoroughly. Consult medical personnel if irritation develops.

EYE CONTACT: Irrigate eyes with running water for at least 15 minutes. Get medical attention.

INGESTION: Induce vomiting. Call a physician.

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### 5. FIRE FIGHTING MEASURES

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FLASH POINT .....	Greater than 210 deg. F (PMCC)
EXTINGUISHING MEDIA .....	Dry chemical, carbon dioxide, water
SPECIAL FIRE FIGHTING PROCEDURES .....	Self-contained breathing apparatus. Wear protective clothing.

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### 6. ACCIDENTAL RELEASE MEASURES

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#### Safeguards (Personnel):

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

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### 7. HANDLING AND STORAGE

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STORAGE TEMPERATURE (MIN/MAX): ....40 deg. F/ 90 deg. F  
 SHELF LIFE: .....Six months  
 SPECIAL SENSITIVITY:.....Maintain in sealed drum, as volatile blowing agent will evaporate.  
 HANDLING/STORAGE PRECAUTIONS: ....Keep containers tightly sealed to avoid loss of blowing agent.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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EYE PROTECTION REQUIREMENTS:.....Safety glasses with splash guards.  
 SKIN PROTECTION REQUIREMENTS:.....Wear rubber gloves.  
 RESPIRATORREQUIREMENTS:.....Cartridge respirator for organic vapors if exposure is in non-ventilated area.  
 VENTILATION REQUIREMENTS: .....Good general ventilation.  
 MONITORING: .....Not required  
 MEDICAL SURVEILLANCE:.....As required by physician.  
 ADDITIONAL PROTECTIVE MEASURES:..Eye wash stations and emergency showers are recommended.

### Exposure Guidelines / Exposure Limits:

HFC 245fa  
 AIHA (WEEL): 500 ppm

### Alkanolamine & Tertiary Amine Catalyst

OSHA (TLV): 5 ppm  
 ACGIH (PEL): 25 ppm

### Lead Compounds

ACGIH (TLV): 0.05 mg/m<sup>3</sup>

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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PHYSICAL FORM.....VISCOUS LIQUID  
 COLOR.....LIGHT BROWN  
 ODOR.....SLIGHT AMINE ODOR  
 MOLECULAR WEIGHT .....NA  
 pH .....7.5-8.5  
 BOILING POINT .....245fa boils @ 59.5 deg. F  
 MELTING/FREEZING POINT .....NE  
 SOLUBILITY IN WATER .....Slight  
 SPECIFIC GRAVITY .....1.21  
 BULK DENSITY .....10.1 lb./gal.  
 % VOLATILE BY VOLUME.....7-15 %  
 VAPOR PRESSURE.....1 – 10 psig  
 VAPOR DENSITY.....>1 (air=1)

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## 14. TRANSPORTATION INFORMATION

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TECHNICAL SHIPPING NAME:.....Polyurethane Resin  
 FREIGHT CLASS BULK:.....40  
 FREIGHT CLASS PACKAGE:.....60  
 PRODUCT LABEL: .....SWD 125 "B"

DOT (HM-181).....  
 PROPER SHIPPING NAME .....Not Regulated  
 HAZARD CLASS OF DIVISION.....Non-hazardous

IMO/IMDG CODE .....  
 PROPER SHIPPING NAME .....Polyurethane Resin  
 HAZARD CLASS DIVISION NUMBER. .Non-hazardous

ICAO/IATA.....  
 PROPER SHIPPING NAME .....Polyurethane Resin

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## 15. REGULATORY INFORMATION

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OSHA STATUS.....Hazardous according to OSHA (1910.1200)  
 TSCA STATUS .....All ingredients are listed on the Toxic  
 Substances Control Act (TSCA) Chemical  
 Substance Inventory.

CERCLA REPORTABLE QUANTITY .....NA

**SARA TITLE III:**

**SECTION 313**

This product contains the following chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 (40CFR372)

TOXIC CHEMICALS.....Glycol Ethers .....N230 ..... 7-10 %  
 .....Lead Compound .... N420 ..... Trace %

This law requires that certain industrial facilities which manufactures/uses these chemicals to report annually on emissions and waste management of these chemicals. Additional information is available at the EPA's EPCRA hotline: 800-424-9346.

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## 16. OTHER INFORMATION

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**Additional Information:**

NA = Not Applicable

NE = Not Established

# = Indicates updated section

**STATE RIGHT-TO-KNOW LAWS**

No substances on the state hazardous substances list, for the states indicated below, are used in the manufacture of products on this Material Safety Data Sheet, with the exceptions indicated. While we do not

specifically analyze these products, or the raw materials used in their manufacture, for substances on various state hazardous substances lists, to the best of our knowledge the products on this Material Safety Data Sheet contain no such substances except for those specifically listed below:

WARNING: SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER:  
Lead compound.

WARNING: SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM: None known.

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This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of SWD Urethane Company. The data on this sheet relates only to the specific material designated herein. SWD Urethane Company. assumes no legal responsibility for use or reliance upon this data.

**Responsibility for MSDS :**

SWD Urethane Company  
539 South Drew Street  
Mesa, Arizona 85210  
1-800-828-1394