

Material Safety Data Sheet

U.S. Department of Labor



May be used to comply with

OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

Occupational Safety and Health
Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List)
Duroseal Swelling Paste Type E

Note: Blank spaces are not permitted. If any item is not applicable, or no
information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name BBZ AG	Emergency Telephone Number 800-424-9300 Chemtrec
Address (Number, Street, City, State, and ZIP Code) Gewerbezentrum Rotfarbstrasse 8	Telephone Number for Information 860-583-3232
CH-9213 Hauptwil Switzerland	Date Prepared 06/06/01
	Signature of Preparer (optional)

Section II – Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (Optional)
Preparation of polyurethane prepolymer, fillers and additives				
Toluene Diisocyanate	<0.5%			
NON HAZARDOUS CHEMICAL				

Section III – Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1) 20°C	1.50g/cm ³
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water Insoluble			
Appearance and Odor Appearance: Beige Paste Odor: Sweet			

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media Carbon Dioxide, dry powder, water or foam			
Special Fire Fighting Procedures Fire fighters should wear full protective clothing and self contained breathing apparatus.			
Unusual Fire and Explosion Hazards At combustion smoke, carbon monoxide, nitrogen oxides, isocyanate vapors and traces of cyanides may be formed.			

(Reproduce locally)

OSHA 174, Sept. 1985

Section V – Reactivity Data

Duroseal Swelling Paste Type E Page 2

Stability	Unstable		Conditions to Avoid N/A
	Stable	X	
Incompatibility (<i>Materials to Avoid</i>) Water, amines and alcohol			
Hazardous Decomposition or Byproducts None in ambient conditions			
Hazardous Polymerization	May Occur	N/A	Conditions to Avoid N/A
	Will Not Occur	N/A	

Section VI – Health Hazard Data

Route(s) of Entry:	Inhalation? Irritant	Skin? Irritant	Ingestion? Irritant
Health Hazards (<i>Acute and Chronic</i>) Irritating to eyes, respiratory tract and skin. May cause sensitization by inhalation.			
Carcinogenicity:	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? N/A
Signs and Symptoms of Exposure Sensitization			
Medical Conditions Generally Aggravated by Exposure Sensitivity may occur with contact to skin.			
Emergency and First Aid Procedures Skin contact: Remove soiled clothing. Wash skin with soap and water. Do not use solvents or thinners. Eyes: Rinse immediately with eyewash or clean water for at least 15 minutes. Contact lenses should be removed. Ingestion: Immediately rinse mouth out. Do not induce vomiting. Seek medical attention.			

Section VII – Precautions for Safe Handling and Use

Steps To Be Taken in Case Material is Released or Spilled Ensure adequate ventilation. Avoid contact with eyes and wear protective clothing. May be slippery. Prevent material from entering sewerage system, water courses, or water treatment installation. Spread sand or industrial absorbent over spillage and transfer into labeled containers for disposal. Spilled material will polymerize under atmospheric moisture.
Waste Disposal Method Do not allow into drains or water courses or where ground water or surface water may be affected. Ensure any containers are correctly labeled. Wastes including emptied packing are controlled waste and should be disposed of accordingly.
Precautions to Be Taken in Handling and Storing Never spray the product; do not drink, eat or smoke during handling. Keep containers dry and closed. Store in original containers at 5° - 25°C.
Other Precautions None

Section VIII – Control Measures

Respiratory Protection (<i>Specify Type</i>) Normal conditions of ventilation are usually adequate. Wear fine particle mask when mixing in confined area.		
Ventilation	Local Exhaust As necessary	Special N/A
	Mechanical (<i>General</i>) N/A	Other Fine Mask or respirator as necessary
Protective Gloves Protective Gloves	Eye Protection Not required	
Other Protective Clothing or Equipment Protective work clothing.		
Work/Hygienic Practices Do not eat, smoke or drink when working. Wash exposed skin with soap & water when finished.		