

MATERIAL SAFETY DATA SHEET

[Back to Urethane Grouts](#)

I STRATA TECH INC
3601 104th STREET
DES MOINES, IA 50322
INFO PHONE (515) 251-7770

PRODUCT: **ST-545 INJECTION RESIN**
(Part A of a Three-Part System)
FAMILY: Polyurethane Polyol
REV: October 11, 1999

II HAZARDOUS INGREDIENTS

	CAS	OSHA PEL	ACGIH TLV	CONCENTRATION
Butyl Benzyl Phthalate	85-68-7			< 40.0%
Triethyl-ortho-formate	122-51-0			< 2.0%
Organometallic	19120-62-8			< 0.2%

III PHYSICAL AND CHEMICAL CHARACTERISTICS

Physical State:	Liquid	Density:	ND
Boiling Point:	N/A	45 lbs:	ND
Freezing Point:	ND	pH:	3.5-4.0
Vapor density:	N/A (Air=1)	Viscosity :	ND
Solubility in Water:	Not Soluble		
Vapor Pressure:	< 0.1 mm Hg at 77 F		
Volatile %:	1.0%		
Appearance & Odor:	Clear with faintly alcohol-like odor.		

IV FIRE AND EXPLOSION HAZARD DATA

Flash Point:	191 F (88 C) Cleveland Closed Cup		
Ignition Temp:	Not established	LEL:	Not established
Thermal Decomp:	Not established	UEL:	Not established
Extinguishing Media:	CO2, dry chemical, chemical foam, water spray		
Fire Fighting:	Wear self-contained breathing apparatus.		

V REACTIVITY DATA

Stability:	Stable under normal handling conditions
Conditions to avoid:	High temperature, absorbed water, strong oxidizing agents, reactive diisocyanates.
Incompatibility:	None.
Hazardous Polymerization:	Will not occur; avoid generation of airborne liquid, aerosol or vapor.
Hazardous Decomposition:	CO, CO2, NO _x

VI HEALTH HAZARD DATA

	EFFECTS OF OVEREXPOSURE & PRIMARY ROUTES OF ENTRY
Eyes:	Irritant; may be toxic
Skin:	Prolonged or repeated skin contact may be toxic.
Ingestion:	May be poisonous.
Inhalation:	Fumes may be toxic.

VII EMERGENCY AND FIRST AID PROCEDURES

Eyes: Flush open eyes immediately with plenty of lukewarm water for 15 minutes; see Physician.
Skin: Remove contaminated clothing; wash contact area with soap and water; see Physician.
Ingestion: Induce vomiting. Contact a Physician.
Inhalation: Remove to fresh air. Give oxygen if breathing becomes difficult. See Physician.

VIII PRECAUTIONS FOR SAFE HANDLING AND USE

Spills: Ventilate area, cover with absorbent material, shovel into open top containers, wash area with water and detergent.
Disposal: Dispose of or incinerate in accordance with Local, State, and Federal regulations.
Handling: Sensitive to humidity; close container tightly after use. Do not reseal empty container. Avoid open flames. Avoid eye and skin contact. Wash thoroughly after handling. Do not eat or smoke while using.
Storage: Store out of direct sunlight and in moderate temperature (40°F to 100°F) in sealed containers. Polyols will absorb atmospheric moisture.

IX CONTROL MEASURES

General: No special control measures at ambient conditions where work area is adequately ventilated. When airborne concentrations exceed the Federal OSHA exposure standard (0.02 ppm TLV), wear MSHA/NIOSH approved respirator.
Ventilation: As required to maintain work area below TLV.
Respiratory: None.
Eyes: Glasses in case of accidental splashing.
Skin: Rubber gloves and clean body-covering clothing.

X SHIPPING AND LABEL DATA

DOT Shipping Name: Not regulated

Hazard Class:

Labels / Placards: ST-545 not regulated as a DOT hazardous material

IATA	<u>CARGO</u>	<u>PASSENGER</u>	<u>NFPA 704M RATINGS</u>	<u>HMIS RATINGS</u>	<u>CATEGORY</u>	<u>NFPA</u>	<u>HMIS</u>
UN #:	N/A	N/A	0= Insignificant	0= Minimal	Health	3	3
Limit:	N/A	N/A	1= Slight	1= Slight	Flammability:	1	1
Class:	N/A	N/A	2= Moderate	2= Moderate	Reactivity:	1	1
Instr:	N/A	N/A	3= High	3= Serious	Other:	-	-
			4= Extreme	4= Severe			