



MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Uniplex FRX 50-28

Synonyms: Tetrabromobis Phenol S Bis (2,3-dibromopropyl ether)

MANUFACTURER:

Unitex Chemical Corporation

520 Broome Road
P.O. Box 16344
Greensboro, NC 27406

EMERGENCY TELEPHONE NUMBERS:

Emergency Telephone Number: CHEMTREC 1 (800) 424-9300
International 1 (703) 527-3887

Telephone Number for Information:
(336) 378-0965 (Monday - Friday 8:00 a.m. - 5:00 p.m.)

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Components</u>	<u>% (optional)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>CAS NO.</u>
Tetrabromobis Phenol S Bis (2,3-dibromopropyl ether)	> 99%	Not Established		42757-55-1

3. HAZARDS IDENTIFICATION

Emergency Overview: Not considered hazardous under normal conditions of use. Exposure to mist or spray may cause irritation of respiratory passages.

Potential Health Effects: Skin, eye, and respiratory tract irritation.

Eye Contact: May cause mild to moderate eye irritation.

Skin Contact: May cause skin irritation, especially on prolonged contact.

Ingestion: May cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

Chronic: May aggravate existing skin, eye, and lung conditions. LD50 (oral, mouse) is greater than 10,000 mg/kg.

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8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls: Local exhaust ventilation recommended.

Personal Protection: Chemical splash-proof goggles, with rubber, PVC, or plastic gloves.

Respirator: None required under normal conditions of use. NIOSH/MSHA-approved organic vapor cartridge respirator can be used.

Protective Clothing: Standard work clothing and work shoes/boots.

9. PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure	: <0.001 mHg @ 25° C	Vapor Density (Air = 1)	: ND
Specific Gravity	: 2.3	Evaporation Rate	: < 1
Solubility in Water	: Insoluble	Freezing Point	: 110-120°C (DSC)
pH	: ND	Odor	: Characteristic
Boiling Point	: >400°C	Appearance	: White powder
Viscosity	: ND	Physical State	: Powder

10. STABILITY AND REACTIVITY

General: Stable. Hazardous polymerizing will not occur.

Incompatible Materials and Conditions to Avoid: None Known.

Hazardous Decomposition: Hydrogen Bromide and oxides of Carbon (Carbon Monoxide/Carbon Dioxide) when heating over 280°C.

11. TOXICOLOGICAL INFORMATION

Route(s) of Entry:

Inhalation? Yes Skin? No Ingestion? Yes

Health Hazards (Acute and Chronic):

Acute Oral LD50 (mouse) > 10,000 mg/kg. Acute dermal LD50 (mouse) > 10,000 mg/kg. When Mice were exposed to a concentration of 87 g/m³ of product for 4 hours, no deaths occurred during the exposure or for the following 7 days observation period. In a 90 day feeding study in Mice employing dosage levels of 0.1 or 1.0% product (-200 or 2,000 mg/kg) per day. No deaths Deaths or adverse effects were noted.

Carcinogenicity:

NTP? No IARC Monographs? No OSHA Regulated? No

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12. ECOLOGICAL INFORMATION

Not available.

13. DISPOSAL CONSIDERATIONS

Dispose of product in an approved chemical waste landfill, or incinerate, in accordance with applicable Federal, State, and local regulations.

14. TRANSPORT INFORMATION

Not regulated by DOT.

15. REGULATORY INFORMATION

Components are found in TSCA inventory.

This product does not contain any ingredients subject to the reporting requirements of Section 313, Title III, Part 372.

This product is not listed in SARA Section 311/312.

16. OTHER INFORMATION

National Fire Protection Association (NFPA) Rating:

<u>Health</u>	<u>Flammability</u>	<u>Reactivity</u>
1	1	0

Hazardous Materials Identification System (HMIS) Rating:

<u>Health</u>	<u>Flammability</u>	<u>Reactivity</u>
1	1	0

Revision Summary: