

# MATERIAL SAFETY DATA SHEET

Products Distributed By:  
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## SECTION 1: PRODUCT NAME

#10-44 TUFFCRETE LIQUID  
#10-55 TUFFLEX LIQUID  
#10-44 POLYESTER PATCH LIQUID  
#10-44LT POLYESTER PATCH LOW TEMPERATURE LIQUID  
#10-55 POLYESTER LIQUID  
#20-00 POLYESTER NON-SLIP LIQUID  
#10-66RP POLYESTER ASPHALT LIQUID PATCH

## SECTION II: HAZARDOUS INGREDIENTS

INGREDIENT	NTP/IARC/ OSHCARC.	PERCENT	TLV		LEL	VAPOR PRESSURE
			PPM	mg/M3		
Styrene Monomer CAS #100425	No	<50 (OSHA)	100		1.1	5 mm/Hg
N,N-Dimethylaniline CAS #121697	No	0.2 (skin)	5		NA	1 mm/Hg

## SECTION III: PHYSICAL DATA

BOILING RANGE 295-300°F  
VAPOR DENSITY Heavier than air  
EVAPORATION RATE Slower than ether  
PERCENT VOLITILE BY VOLUME <50  
WEIGHT PER GALLON 9.31bs.

## SECTION IV: FIRE AND EXPLOSION DATA

DOT CATEGORY: Flammable  
FLASH POINT: 96°F  
LEL: 1.00%

EXTINGUISHING MEDIA: Regular foam, carbon dioxide or dry chemical

SPECIAL FIREFIGHTING PROCEDURES: Self-contained breathing apparatus with full face piece operated in pressure-demand or other positive pressure mode.

UNUSUAL FIRE & EXPLOSION HAZARDS: Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, or other ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

HAZARDOUS DECOMPOSITION PRODUCTS: May form toxic materials – carbon dioxide and carbon monoxide, various hydrocarbons, etc.

## **SECTION VI: REACTIVITY DATA**

HAZARDOUS POLYMERIZATION: Will not occur.

STABILITY: Stable

INCOMPATIBILITY: This product is incompatible with strong oxidizing agents, strong acids or bases and selected amines.

CONDITIONS TO AVOID: Thermal decomposition in the presence of air may yield carbon monoxide and/or carbon dioxide.

## **SECTION V: HEALTH HAZARD DATA**

ROUTES OF ENTRY: Inhalation & ingestion

EMERGENCY AND FIRST AID PROCEDURES:

FIRST AID:

Flush with large quantities of water for at least 15 minutes

Wash with soap and large quantities of water & remove saturated clothing.

Breathing Difficulties, Dizziness:

Remove air that is free of vapors. If victim continues to experience breathing difficulties, oxygen should be administered until medical assistance can be rendered. If breathing has stopped, give artificial respiration and seek immediate medical attention.

Ingestion:

If swallowed: Do not induce vomiting, seek immediate medical attention.

SIGNS AND SYMPTOMS OF EXPOSURE:

Eye irritant. Prolonged or repeated contact may cause skin irritation.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Over exposure: Respiratory tract irritation, anesthesia

## **SECTION VII: SPILL OR LEAK PROCEDURES**

### **STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Remove source of ignition and provide ventilation. Large spills may be scooped up with non sparking tools. Provide respiratory protection if required. Small quantities may be picked up with absorbent material.

Precautions To Be Taken In Handling And Storage: Keep containers cool and dry & away from heat, sparks and open flames. Avoid prolonged skin contact. Do not breathe spray mist. Use & store this product with adequate ventilation.

Waste Disposal Method: Place in closed containers. Incinerate (first open closed containers) or use a secure landfill in accordance with local, state and federal regulations.

Other Precautions: Ground containers when pouring & limit free fall to a few inches to prevent static spark. Avoid spontaneous combustion of contaminated rags or other easily ignitable organic accumulations by immersion in water.

## **SECTION VIII: SPECIAL PROTECTION INFORMATION**

Respiratory Protection: Depends on vapor concentration above the time weighted TLV. Use a NIOSH approved cartridge respirator or gas mask.

Ventilation: Provide sufficient mechanical (general) and/or local exhaust ventilation designed and maintained to provide volume and pattern to prevent vapor concentration in excess of TLV or LEL.

Protective Gloves: Wear neoprene rubber gloves.

Eye Protection: Goggles preferred.

Other Protective Equipment: Impermeable aprons are advised when working with this product. The availability of eye wash stations and safety showers in the work areas are recommended.

Recommendations for the use of this product are based on reliable tests. No guarantee of results are implied where conditions are beyond our control. Under no circumstances or conditions, either expressed or implied, will Topaz Industries, Inc. be liable for damages in excess of the purchase price of this product. Keep out of reach of children. For Commercial, Industrial or Professional Use Only.