

MATERIAL SAFETY DATA SHEET

Chemical Product and Company Information

Product	SafeCoat TFI		
PIN#	Not Available		
Uses	Fire Retardant Coating		
Manufacturer/Supplier	Quantum Group of Companies, 15 Riel Drive, St. Albert, AB, Canada T8N 3Z2		
Phone Number	780.458.3355		
Facsimile	780.458.2852		
Prepared by	Quantum Technical Services Ltd.		
Preparation Date	March, 2014		
24 Hour Emergency Number	(613) 996-6666	Canutec	

Classification

Not WHMIS Regulated.							
		NFPA Ratings			Interpretation		
TDG:	Not Regulated	Health	= 1	Insignificant	0	Moderate	2
		Fire	= 0	Slight	1	High	3
		Reactivity	= 0			Extreme	4
		Special	= -				

Physical Data

Freezing Point :	0 °C	Boiling point:	100 °C
% Volatile/Vol :	48%	Vapour Density:	<1
Physical Status	Liquid	Evaporation Rate:	<1
Specific Gravity:	1.25	Coef. of Water/Oil Distr.:	N.Av.
Vapour Pressure:	17.5 mmHg	Appearance/Odor:	white liquid/mild odor
Odor Threshold (ppm):	N.Av.	pH:	Neutral

Fire or Explosion Hazard

Flash Pt:	Non Combustible
Conditions of Flammability:	None.
Extinguishing Agents:	Use extinguishing media for surrounding fire.
Hazardous Combustion Products:	Oxides of Carbon and Nitrogen, Hydrogen Chloride, Ammonia, Phosphoric Acid
Sensitivity to Mechanical Impact:	Not Applicable
Sensitivity to Static Discharge:	Not Applicable
Autolign Temp.:	Not Applicable
LEL/UEL (%):	Not Applicable

Fire fighters should wear positive pressure, full-face, self-contained breathing apparatus.

Reactivity Information

Conditions of Instability	Stable under normal conditions.
Conditions of Reactivity	No special reactivity
Incompatible Substances	No known materials
Hazardous Decomposition	None expected

Toxicological Properties - Health Effects - Acute Exposure

INHALATION	Inhalation of dust or mist can cause irritation of the eyes, nose, throat, and lungs.
EYE CONTACT	Like any foreign body, particles can cause mechanical irritation.
SKIN CONTACT	May cause transient reddening of the skin.
INGESTION	No evidence of adverse effects from available information.

Preventive Measures

Storage:	Keep from freezing. Storage temperature range: minimum 10 ⁰ C - maximum 35 ⁰ C.
Shipping	DO NOT FREEZE.
Engineering Controls:	General room ventilation is expected to be satisfactory. Use local exhaust if needed to control mist or vapour.
Spill or Leak:	Small: Absorb liquid with paper, vermiculite, floor absorbent or other absorbent material. Large: Persons not wearing protective equipment should be excluded from area of spill until clean up is completed. Stop spill at source. Dike to prevent spreading. Pump to salvage tank.
Waste Disposal:	Dispose of in accordance with all local, provincial, state, and federal regulations.
Respiratory Protec.	If sprayed, wear a NIOSH/MSHA approved respirator.
Eye/ Skin Protection:	Use gloves impervious to soap and water. Wear safety glasses.

First Aid

INHALATION:	Move individual to fresh air. If individual is having difficulty breathing or respiratory irritation, seek medical attention.
INGESTION:	Induce vomiting. Get medical attention.
EYES:	Flush eyes with a large amount of water, lifting upper and lower lids occasionally for at least 15 minutes. See a physician.
SKIN:	Thoroughly wash exposed area with soap and water. Remove contaminated clothing and launder prior to reuse. If there is persistent irritation, consult a physician.