

SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS)

N/D=Not Determined
N/A=Not Applicable

Product: TUFT GUARD II CONCENTRATE	Manufacturer: ESTEAM	Flammability: 0
Chem. Name: N/A	Trade Name: Tuft Guard II Concentrate	Reactivity: 0
Chem. Family: Fluoropolymer dispersion	Use: Carpet stain protection treatment	Health: 1
		Protection:

NFPA LEAST=0, SLIGHT=1, MODERATE=2, HIGH=3, EXTREME=4

HAZARDOUS INGREDIENTS	CAS #	% WT	HAZARD DATA	EXPOSURE LIMITS (TLV)
None				

PHYSICAL DATA				Freeze/Thaw
Physical State: Liquid	Boiling Point (C): 212°F	Solubility in Water: Dispersible	Evaporation Rate: 1	Stable: No
Odor/Appearance: Colorless, mild scent	Freezing Point (C): 0	Ph (undiluted): 5.5	Specific Gravity: 1.04	Percent Volatile (vol): N/D
				Vapor Pressure: N/D

FIRE & EXPLOSION HAZARD		Conditions:	TDG/WHMIS:
Flammability: N	Means of Extinction: N/A	Avoid contact with heat	Non hazardous / D2B
Special Procedures: Keep upwind. SCBA.	Explosion Sensitivity to Impact: N/A	Hazardous Combustion Products: May form at temps over 200C	
Chemical Sensitivity to Static Discharge: N/A	Flashpoint (C) & Method: N/A	Upper Explosion Limit (% by vol): N/A	
		Lower Explosion Limit (% by vol): N/A	
		Auto-ignition: N/A	
		Rate of Burning: N/A	
		Explosive Power: N/A	

REACTIVITY DATA	Chemical Stability:	Incompatible Substances:
Hazardous Decomposition Product: Oxides of carbon, sulfur and nitrogen	Stable	Strong alkaline materials, lewis acids or magnesium, aluminum and their alloys

TOXICOLOGICAL PROPERTIES			Effects of Overexposure:
Route of Entry - Skin Contact: Y	Reproductive Effects Y/N: N	Route of Entry - Skin Absorption: N	Acute Effects: May cause skin or eye irritation. Nose, throat and respiratory tract and or gastrointestinal irritation.
Route of Entry - Eye Contact: Y	Carcinogenicity Y/N: N	Route of Entry - Inhalation: Y	
Route of Entry - Ingestion: Y	Mutagenicity Y/N: N	Route of Entry - Ingestion: Y	
	Teratogenicity Y/N: N		
	TLV: N/D		
			Chronic Effects: No data available.

PREVENTATIVE MEASURES	Gloves:	Footwear:	Clothing:
	Impervious	N/A	N/A
	Eyes: Chemical goggles	Respirator: NIOSH for enclosed space	Other: N/A

Recommended Engineered Controls:	Leak & Spill Procedures:	Waste Disposal Methods:	Special Handling Procedures:
Use with adequate ventilation. Do not aerosolize.	Soak up with inert absorbent. Collect for disposal. Do not allow to reach waterways.	According to federal, provincial and municipal regulations.	Keep away from open flame or heated surfaces. Store in a cool, well ventilated space. Do not freeze.

FIRST AID MEASURES	
Inhalation:	Move person to fresh air. If necessary give artificial respiration or oxygen. Call a doctor if in distress.
Ingestion:	Immediately give 8-16 ounces of water to dilute substance. Consult a physician. Never give anything by mouth to an unconscious person
Eye Contact:	Immediately flush eyes with running water for at least 15 minutes. Contact a physician if irritation persists.
Skin Contact:	Wash skin with soap and water. If irritation persists see a physician.

Prep./Revised Date: January 6, 2012	Mailing Address: Esteam Manufacturing Ltd. 3750-19th Street NE Calgary, AB T2E 6V2
Prepared By: R. Russell	
Source Material: Manufacturer's MSDS	
Emergency Response: 1-613-996-6666 (Transport Emergencies)	



This information is complete to the best of our knowledge, however, users are encouraged to make their own investigations into the suitability of the information to their particular purposes. READ THE LABEL before using this or any product, and take any necessary precautions, dictated by the label or by common sense to ensure that your health is protected.