

SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS)

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

Product: TUFT GUARD II

Manufacturer: ESTEAM

Flammability: 0

Chem. Name: N/A

Trade Name: Tuft Guard II

Reactivity: 0

Chem. Family: Mixture

Use: Carpet & Upholstery protector

Health: 1

Protection:

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

HAZARDOUS INGREDIENTS

CAS #

% WT

HAZARD DATA

EXPOSURE LIMITS (TLV)

Dipropylene Glycol Monomethyl Ether

34590-94-8

1-5

LD50 5135 mg/kg (oral-rat)

100 PPM

PHYSICAL DATA

Physical State: Liquid

Boiling Point (C): 100

Solubility in Water: Dispersible

Evaporation Rate: N/D

Freeze/Thaw

Stable: No

Percent Volatile (vol): N/D

Odor/Appearance: Opaque white colour

Freezing Point (C): 1

Ph (undiluted): 8.4

Specific Gravity: 1.0

Vapor Pressure: N/A

FIRE & EXPLOSION HAZARD

Flammability: N

Means of Extinction: N/A

Special Procedures: Keep upwind. SCBA.

Explosion Sensitivity to Impact: N/A

Chemical Sensitivity to Static Discharge: N/A

Flashpoint (C) & Method: N/A

Conditions: N/A

Hazardous Combustion Products: May form at temps over 200C

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

TDG/WHMIS: Non hazardous / D2B

REACTIVITY DATA

Chemical Stability: Stable

Hazardous Decomposition Product:

Hydrogen Fluoride and carbonyl fluoride fumes

Incompatible Substances: Mineral acids

TOXICOLOGICAL PROPERTIES

Route of Entry - Skin Contact: Y
Route of Entry - Skin Absorption: N
Route of Entry - Eye Contact: Y
Route of Entry - Inhalation: N
Route of Entry - Ingestion: Y

Reproductive Effects Y/N: N
Carcinogenicity Y/N: N
Mutagenicity Y/N: N
Teratogenicity Y/N: N
TLV: N/D

Effects of Overexposure:

Acute Effects:

May cause skin or eye irritation.

Chronic Effects:

No data available.

PREVENTATIVE MEASURES

Gloves: Impervious

Footwear: N/A

Clothing: N/A

Eyes: Chemical goggles

Respirator: NIOSH for enclosed space

Other: N/A

Recommended Engineered Controls:

Use with adequate ventilation. Do not aerosolize.

Leak & Spill Procedures:

Soak up with inert absorbent. Collect for disposal. Do not allow to reach waterways.

Waste Disposal Methods:

According to federal, provincial and municipal regulations.

Special Handling Procedures:

Keep away from open flame or heated surfaces over 200 C. Use airless sprayer under 60 psi. 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: None required.

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: March 31, 2010

Prepared By: R. Russell

Source Material: Manufacturer's MSDS

Emergency Response: 1-613-996-6666 (Transport Emergencies)

Mailing Address: Esteam Manufacturing Ltd.
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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.