

MATERIAL SAFETY DATA SHEET

Upholstery Guard -Water Soluble

Date Revised: 03/10/04

SECTION 1 – MATERIAL AND MANUFACTURER IDENTIFICATION

Product Identifier: Upholstery Guard WS
Product Use: Stain resistance on textiles

MANUFACTURER

CTI (Chemical Technologies International Inc.)

PO BOX 968

Rancho Cordova, CA 95741

Phone: (916) 638-1315 Fax: (916) 638-0712

Emergency Assistance Calls: Chemtrec (800) 424-9300 (U.S.A.) 24hrs.

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

<u>COMPONENT</u>	<u>CAS #</u>
1. Organosilicate/fluorocarbon resin preparation containing ethanol	N/A
2. 2-hydroxy-1,2,3-propanetricarboxylic acid	5949-29-1

(SEE SECTION 8 FOR EXPOSURE GUIDELINES)

SECTION 3 – Hazards Identification

Appearance: Clear liquid with light scent.

Emergency Overview:

Routes of entry: (skin: yes) (inhalation: yes) (ingestion: yes) (eye: yes)

Potential health effects:

Eye Contact:

Based on animal testing, on the components (section 2) we would expect this product to be non-irritating to the eyes.

Skin Contact:

Based on animal testing, on the components (section 2) we would expect this product to be essentially non-toxic by injection.

However injection of ethanol may cause central nervous system depression .

Ingestion:

Based on animal testing, on the components (section 2) we would expect this product to be essentially non-toxic by injection. However injection of ethanol may cause central nervous system depression .

Inhalation:

This product contains ethanol. Overexposure to vapors and spray mist may cause respiratory tract irritation resulting in coughing, sore throat, and runny nose. These vapors may also cause central nervous system depression with symptoms of headache, nausea, dullness and dizziness.

Chronic (repeated) exposure to organic solvents has been associated with various neurotoxic effects including permanent brain and nervous system damage.

SECTION 4 – FIRST AID MEASURES

Eye Contact: Immediately flush eyes with for 15 minutes. Call a physician.

MATERIAL SAFETY DATA SHEET

Skin Contact: Wash with water with water. Remove any contaminated clothing. Wash clothing before reuse. If irritation develops call a physician.

Ingestion: If swallowed, call a physician.

Inhalation: Remove to fresh air. If breathing is difficult , have trained person administer oxygen. If breathing stops administer artificial respiration. Get medical attention immediately.

SECTION 5 – Fire Fighting Measures

Flashpoint: N/A

Flammable Limits: N/A

Auto ignition Temperature: N/A

General Hazard:

None Reported

Special Fire Fighting Instructions:

Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

Hazardous combustion products:

None known.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Small Spills: Wipe or mop up and dispose of in DOT approved waste container.

Large Spills: Contain by diking with soil or other non-combustible sorbent material, then dispose into DOT approved waste container. Comply with all applicable governmental regulations on spill reporting, handling and disposal of waste.

Contain all spills or leaks to prevent discharge into the environment. All spills or releases should be reported to the appropriate local, state and federal agencies.

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND STORAGE

The manufacturer and seller warrants that this product conforms to its standard specifications when used according to directions. As the conditions of method of its use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for use of this product. Information contained herein is believed to be true but all statements and suggestions are made without any warranty, expressed or implied, regarding accuracy of the information. The hazards connected with the use of this material and the results to be obtained from the use thereof.

For use by professionals ONLY.

Avoid breathing vapors of this product.

Always ensure good ventilation of surroundings during use of this chemical. Do not use this chemical in a poorly ventilated area.

Always keep container tightly closed and properly labeled.

Avoid contact with skin, eyes or clothing.

Wash thoroughly after handling

Storage temperature: 32F min. Storage precautions: Store in dry place away from excessive heat in original container.

Protect from freezing.

MATERIAL SAFETY DATA SHEET

SECTION 8 – EXPOSURE / PERSONAL PROTECTION

COMPONENT # (Refer to section 2 for component #)	EXPOSURE LIMITS			HAZARD
	OSHA PEL	ACGIH TLV	OTHER LIMIT	
1. Ethanol (less than 10%)	1000ppm	1000 ppm		
2. Not established				

Respiratory: Not required for normal use with adequate ventilation. If exposure to greater concentrations are expected use NIOSH /MSHA –approved air purifying respirator with an organic vapor cartridge.

Ventilation: Use local and exhaust ventilation to maintain levels below exposure limits.

Eye Protection: Chemical safety goggles.

Skin: Wear protective clothing to minimize skin contact. Wash skin after use. Wash contaminated clothing and dry before reuse.

Other: One should always use chemicals with an awareness of the potential hazard of the effect on the human system.

To minimize employee exposure to all chemicals, including this product, use good industrial hygiene practices.

SECTION 9 – Physical and Chemical properties

PH: 4

Vapor pressure: N/A

Boiling point: 100C

Freezing/Melting point: 0C

Solubility in water: Miscible

Flammability: Not flammable

Particle size: N/A

Evaporation rate: Similar to water

Viscosity: =Water

SECTION 10 – Stability and Reactivity

Chemical Stability: This is a stable material.

Conditions to avoid: Keep away from heat, sparks, open flame or excessive pressure.

Incompatibility with other materials: Metal nitrates and strong oxidizers.

Hazardous combustion or decomposition products: None known.

Hazardous polymerization: Will not occur.

Section 11- Toxicological Information

Not established on this mixture. Information is listed by ingredient:

1. N/A

2. Oral LD50 rat: Greater than 3000 mg/kg.

Section 12: Ecological Information

MATERIAL SAFETY DATA SHEET

AQUATIC TOXICITY: LCo: Greater than 100 mg/l (96 h) – Brachydanio rerio; COD: 220 mg/g;
BOD5 Approx. 82 mg/g

Section 13- Disposal practices

Dispose of all waste, empty bottles and contaminated equipment in accordance with all applicable federal, state and local health and environmental regulations.

Do not dump into storm drains, sanitary sewers or any body of water. All disposal methods must be in compliance with all federal, State/ Provincial and local laws and regulations. Regulations may vary in different locations.

Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. The vendor has no control over the management practices or the processes by which the party who handles or uses this material. The information presented here pertains only to the product as shipped in its intended condition and recommended usage.

Section 14- Transport information

Consult 49 CFR to assure compliance with all applicable federal, state/provincial and local laws and regulations that may apply to you.

Freight classification: For domestic transportation by highway and rail (not air or vessel) this material ships as non regulated (49 CFR 173.150 (F) (2)).

Section 15- Regulatory Information

US Federal Regulations:

OSHA standards require that information be provided to employees regarding the hazards of chemicals by means of a hazard communication program including labeling, MSDS sheets, training and access to written records. We request that you, and it is your legal duty to, make all information in this material safety data sheet (MSDS) available to your employees and those who handle or consume the product.

To aid our customers in complying with regulatory requirements regulatory information for components of this product are indicated below.

OSHA: Not carcinogenic, hazardous per 29CFR 1910.1200

TSCA: On TSCA inventory

SARA TITLE 111: Section 302 (extremely hazardous substances) = None

Section 313 (toxic chemicals) = None

State Lists:

CA VOC compliant

MATERIAL SAFETY DATA SHEET

Section 16-OTHER INFORMATION

All information appearing herein is based upon data obtained from the manufacturer and /or recognized technical sources of each individual component. While the information is believed to be accurate, CTI makes no representations as to its accuracy or sufficiency. Conditions of use are beyond CTI's control and therefore users are responsible to verify this data under their own operating conditions to determine whether this product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publication or use of, or reliance on information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.