

MATERIAL SAFETY DATA SHEET

Finished Product



Date Issued: 01/23/2012
MSDS No: 1720-A

Zero Charge Static Dissipative Floor Coating

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Zero Charge Static Dissipative Floor Coating
PRODUCT DESCRIPTION: Static Dissipative Floor Coating
PRODUCT CODE: 1720-G, 5G, 54G, EUR
PRODUCT FORMULATION NAME: Zero Charge Static Dissipative Floor Coating
ACTIVE INGREDIENT(S): Water; 2-(2-ethoxyethoxy)ethanol

MANUFACTURER

Techspray, L.P.
1001 N.W. 1st Street
P.O. Box 949
Amarillo, TX 79107

Emergency Contact: Chemtrec

Emergency Phone: 1-800-858-4043

Service Number: 1-800-858-4043

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC CCN#21858 (US Transportation) :(800) 424 - 9300

CANUTEC (Canadian Transportation) :(613) 996 - 6666

Emergency Phone :(800) 858 - 4043

2. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES: Avoid contact with eyes; may cause redness, irritation and conjunctivitis.

SKIN: Prolonged or repeated contact may cause skin irritation.

SKIN ABSORPTION: No negative effects anticipated via absorption.

INGESTION: Ingestion may cause nausea and diarrhea.

INHALATION: Irritation of nose, throat, and lack of breath. Exposure to vapors in high concentrations may have same effect as with inhalation.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Contact may cause eye irritation.

SKIN: Prolonged or exposure may cause skin irritation.

SKIN ABSORPTION: None Expected.

INGESTION: Ingestion may result in diarrhea and/or nausea.

INHALATION: Irritation of nose, throat, and lack of breath. Exposure to vapors in high concentration may have same effect as with inhalation.

ACUTE TOXICITY: Low hazard for usual industrial or commercial handling.

CHRONIC EFFECTS: Not Established

CARCINOGENICITY: Not yet Determined

MUTAGENICITY: Not Established

REPRODUCTIVE TOXICITY

TERATOGENIC EFFECTS: None Expected.

3. COMPOSITION / INFORMATION ON INGREDIENTS

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Chemical Name	Wt.%	CAS	EINECS
Water	30 - 60	7732-18-5	231-791-2
Ethanol,2-butoxy-, phosphate	1 - 5	78-51-3	201-122-9
2-(2-ethoxyethoxy)ethanol	1 - 5	111-90-0	203-919-7

COMMENTS: 2-(2-ethoxyethoxy) ethanol is listed on the SARA Title III Section 313 Inventory.

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: If swallowed, do not induce vomiting. If conscious and alert, give two glasses of water. Seek medical attention.

INHALATION: Remove to fresh air.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: None

EXTINGUISHING MEDIA: This product is not flammable. Extinguish fire using media suitable for surrounding fire.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

HAZARDOUS DECOMPOSITION PRODUCTS: None Expected.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Absorb with sand or other absorbent material. Sweep up and shovel into suitable containers for disposal. Dispose of the solids and the contaminated absorbent material according to local, state, and federal regulations.

RELEASE NOTES: Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

SPECIAL PROTECTIVE EQUIPMENT: Wear protective clothing. Inhalation protection. Contaminated surfaces will be extremely slippery.

7. HANDLING AND STORAGE

HANDLING: Use in well-ventilated areas; avoid breathing vapors. Keep containers closed when not in use. Avoid contact with skin and eyes. Wash thoroughly after handling. For commercial and industrial use only.

STORAGE: Store in a cool place. Keep from freezing; product may coagulate.

STORAGE TEMPERATURE: 1°C (34°F) Minimum to 49°C (120°F) Maximum

Notes: Store in adequate storage area at ambient temp.

STORAGE PRESSURE: Store at local atmospheric pressure.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
Ethanol,2-butoxy-, phosphate	TWA	NL ppm [1]	NL mg/m ³ [1]	NL ppm	NL mg/m ³	NL ppm	NL mg/m ³
	STEL	NL ppm	NL mg/m ³	NL ppm		NL ppm	

OSHA TABLE COMMENTS:

1. NL = Not Listed

ENGINEERING CONTROLS: TLV-value 25 ppm maximum for Ammonia

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: For normal conditions, wear safety glasses. Where there is reasonable probability of liquid contact, wear splash-proof goggles.

SKIN: Impervious/Neoprene Gloves

RESPIRATORY: Wear MSHA/NIOSH approved respirator where exposure limits are exceeded

PROTECTIVE CLOTHING: NOT listed

WORK HYGIENIC PRACTICES: Wash hands before eating, smoking, or using washroom facilities.

OTHER USE PRECAUTIONS: Eyewash station

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Polymer smell.

APPEARANCE: Opaque, white liquid

pH: 8 to 9

VAPOR PRESSURE: Not Applicable

VAPOR DENSITY: Not Available

BOILING POINT: > 100°C (200°F) (760 mmHg)

FREEZING POINT: 0°C (32°F)

FLASHPOINT AND METHOD: None

SOLUBILITY IN WATER: Insoluble (cured product)

EVAPORATION RATE: Not Established

DENSITY: 0.96 at 25°C

MOLECULAR WEIGHT: Not Applicable

(VOC): 0%

Notes: Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Section 94508.

10. STABILITY AND REACTIVITY

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STABILITY: Stable under normal conditions.

POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Stable. However, may decompose if heated.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield acrylic monomers.

INCOMPATIBLE MATERIALS: None known.

11. TOXICOLOGICAL INFORMATION

ACUTE

EYES: Not Established

DERMAL LD₅₀: 0.0042 g/kg (rabbit)

SKIN ABSORPTION: Not Established

ORAL LD₅₀: 1920 mg/kg (rat)

INHALATION LC₅₀: > mg/m³, 4h (rat)

NOTES: All information refers to the main component 2-(2-ethoxyethoxy) ethanol.

EYE EFFECTS: May be mildly irritating to eyes.

SKIN EFFECTS: May cause irritation.

CHRONIC: Not Established

SUBCHRONIC: Not Established

CARCINOGENICITY

IARC: Not Established

NEUROTOXICITY: None Expected.

REPRODUCTIVE EFFECTS: None known.

TERATOGENIC EFFECTS: Not Established

MUTAGENICITY: Not Established

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No environmental hazards have been reported or known.

ECOTOXICOLOGICAL INFORMATION: None known.

BIOACCUMULATION/ACCUMULATION: Not likely.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Federal, State, and Local laws governing disposal of materials can differ. Ensure compliance with proper authorities before disposal.

RCRA HAZARD CLASS: Non regulated.

GENERAL COMMENTS: Dispose of in a manner consistent with federal, state, and local regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Nonhazardous

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PRIMARY HAZARD CLASS/DIVISION: Not Regulated

UN/NA NUMBER: NA

PACKING GROUP: NA

ROAD AND RAIL (ADR/RID)

HAZARD CLASS: Not classified.

AIR (ICAO/IATA)

SHIPPING NAME: Nonhazardous

UN/NA NUMBER: NA

PRIMARY HAZARD CLASS/DIVISION: No classification

PACKING GROUP: NA

VESSEL (IMO/IMDG)

PRIMARY HAZARD CLASS/DIVISION: Not classified.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

313 REPORTABLE INGREDIENTS: 2-(2-ethoxyethoxy) ethanol (CAS# 111-90-0)

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Water	7732-18-5
Ethanol,2-butoxy-, phosphate	78-51-3
2-(2-ethoxyethoxy)ethanol	111-90-0

TSCA REGULATORY: All chemicals in this product are listed on the TSCA Inventory.

CALIFORNIA PROPOSITION 65: This product is not subject to the reporting requirements under California's Proposition 65.

RCRA STATUS: Not Established

OSHA HAZARD COMM. RULE: Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

CANADA

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM): Not a controlled product.

GENERAL COMMENTS: This product conforms to California VOC regulations for Category Floor Polishes/Waxes (flexible flooring materials) with a cap of 7 wt %.

16. OTHER INFORMATION

APPROVED BY: Pierce A. Pillon **TITLE:** Chemist

PREPARED BY: Lindsey Shehan

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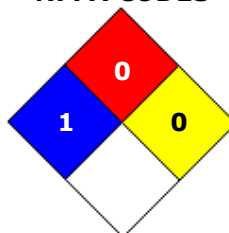
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HMIS RATING

HEALTH		1
FLAMMABILITY		0
PHYSICAL HAZARD		0
PERSONAL PROTECTION		B

NFPA CODES



DATA SOURCES: Code of Federal Regulations (CFR) The Sigma-Aldrich Library of Regulatory and Safety Data
OSHA Hazard Communication Standard (29CFR1910.1200) Various Federal, State and Local Regulations

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