



Zero Charge® Anti-Stat

Anti-Static Coating

1726

Introduction

A fast drying, anti-static coating that eliminates static charge and reduces triboelectric generation from most surfaces. Recommended for applications that experience flexing and movement and for plastics such as polyethylene, polypropylene, and polyphenylene oxide (Noryl™).

Features / Benefits

- Non-Flammable
- All Purpose Anti-Stat
- Topical Coating
- Fast Drying
- Controls Static

Chemical Components

Deionized Water.....	(7732-18-5)	85-90%
Ethanol (Ethyl Alcohol).....	(64-17-5)	<10%
Quaternary Ammonium Compounds.....	(68071-95-4)	<5%
Methanol.....	(67-56-1)	<.3%
Isopropanol.....	(67-63-0)	<.7%

Environmental Policy

Techspray® is committed to developing products to ensure a safer and cleaner environment. We will continue to meet and sustain the regulations of all federal, state and local government agencies.

Packaging and Availability

Zero Charge® Anti-Stat is available in the following sizes:

1726-PT	1 Pint with Trigger in Plastic
1726-QT	1 Quart with Trigger in Plastic
1726-G	1 Gallon in Plastic
1726-5G	5 Gallons in Plastic

MATERIAL SAFETY DATA SHEET

Finished Product

MSDS Ref. No: 1726

Zero Charge Anti Stat

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Zero Charge Anti Stat**PRODUCT DESCRIPTION:** Zero Charge Anti-Stat**PRODUCT CODE:** 1726/CAN/EUR-2FP, PT,QT, G, 5G

MANUFACTURER

Techspray, L.P.

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Wt.%</u>	<u>CAS#</u>	<u>EINECS#</u>
Water	80 - 90	7732-18-5	231-791-2
VARIQUAT 66	1 - 5	68071-95-4	
Ethanol	5 - 10	64-17-5	200-578-6
2-Propanol	<1	67-63-0	200-661-0
Methanol	<1	67-56-1	200-659-6

EEC LABEL SYMBOL AND CLASSIFICATION

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. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: None

FLAMMABLE LIMITS: NA to NA

EXTINGUISHING MEDIA: Water, foam, dry chemical, carbon dioxide.

HAZARDOUS COMBUSTION PRODUCTS: Smoke, fumes and oxides of carbon.

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

SMALL SPILL: Avoid runoff into storm sewers and ditches which lead to waterways.

GENERAL PROCEDURES: Absorb the liquid and scrub the area with detergent and water.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Wash thoroughly after handling. Use only in a well ventilated area. Follow all MSDS/label precautions even after container is emptied because they may retain product residues. Store in a cool dry place.

HANDLING: Use with adequate ventilation.

STORAGE: Store in a cool place in original container and protect from sunlight.

STORAGE PRESSURE: Store at local atmospheric pressure.

STORAGE TEMPERATURE: Store in adequate storage area at ambient temp.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:**OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)****EXPOSURE LIMITS**

	<u>OSHA PEL</u>		<u>ACGIH TLV</u>		<u>Supplier OEL</u>		
	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>	
Ethanol	TWA	1000	1900	1000	1880	NL	NL
	STEL	NL	NL	NL	NL	NL	NL
2-Propanol	TWA	400	980	400	983	NL ^[1]	NL
	STEL	500	1225	500	1230	NL	NL
Methanol	TWA	S 200 ^[2]	260	S 200	262	NL	NL
	STEL	250	310	250	328	NL	NL

OSHA TABLE COMMENTS:

1. NL = Not Listed
2. S = Skin

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: The glove(s) listed below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection.
Viton, Solvex, Butyl, Buna, Neoprene.

RESPIRATORY: NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

PROTECTIVE CLOTHING: NOT listed

WORK HYGIENIC PRACTICES: Wash hands before eating and wash before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Pleasant

APPEARANCE: Clear, Colorless liquid

COLOR: Colorless

pH: 7.0

PERCENT VOLATILE: 97

VAPOR PRESSURE: Not Applicable

VAPOR DENSITY: Not Available

BOILING POINT: 100°C (212°F)(760 mmHg)

FREEZING POINT: 0°C (32°F)

SOLUBILITY IN WATER: 100

EVAPORATION RATE: Not Established

DENSITY: 0.978 at 25°C

VISCOSITY: Not Applicable

MOLECULAR WEIGHT: Not Applicable

(VOC): 58.14 g/L

COMMENTS:

WATER SOLUBILITY: % by weight in water

10. STABILITY AND REACTIVITY

STABLE: NO

HAZARDOUS POLYMERIZATION: NO

STABILITY: Stable.

POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide and carbon Monoxide may form when heated to decomposition.

INCOMPATIBLE MATERIALS: Strong acids and alkalis, reactive metals and strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

ACUTE

EYES: Moderately to severely irritating

DERMAL LD₅₀: Not Established

SKIN ABSORPTION: Not Established

ORAL LD₅₀: Not Established

INHALATION LC₅₀: None Expected.

Not Established

EYE EFFECTS: Mixture is a moderate eye irritant.

SKIN EFFECTS: Draize test, rabbit, skin: 500 mg Mild.

SUBCHRONIC:

Not Established

Not Established

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: ACUTE

FIRE: NO **PRESSURE GENERATING:** NO **REACTIVITY:** NO **ACUTE:** YES
CHRONIC: NO

313 REPORTABLE INGREDIENTS: Methanol (<1%) 2-propanol (<1%)

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: Methanol (#67-56-1)

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: Methanol (#67-56-1)

CERCLA RQ: 5000 lbs

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: All components of this product are either listed or exempt from listing in the TSCA inventory.

RCRA STATUS: U154

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

CLEAN AIR ACT

40 CFR PART 68---RISK MANAGEMENT FOR CHEMICAL ACCIDENT RELEASE PREVENTION: Methanol (CAS# 67-56-1)

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

29 CFR 1910.119---PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS: None of the chemicals in this product are considered highly hazardous by OSHA.

EUROPEAN COMMUNITY

EEC LABEL SYMBOL AND CLASSIFICATION



R22 - Harmful if swallowed.

EEC Harmful - "Xn"



R36 - Irritating to eyes.

EEC Irritant - "Xi"

CALIFORNIA PROPOSITION 65: This product does not contain any chemicals known to the State of California