



MATERIAL SAFETY DATA SHEET

I. PRODUCT INFORMATION

Trade Name: Anti-Static Spray- Low VOC 97
Chemical names, common names: Complex hydrocarbon based mixture
Manufacturer's Name: HURST CHEMICAL COMPANY.
Address: 2500 San Fernando Road, Los Angeles, CA 90065
DOT CLASSIFICATION: Consumer Commodity, ORM-D
IMDG CODE: Aerosols, UN 1950, Class 2
IATA: Aerosols, non-flammable, n.o.s. (isopropanol, isobutane), UN 1950, Class 2.2
Product Information Phone Number: 1213 223-4121
FOR EMERGENCY, 24 Hour CALL CHEMTREC: 800 424-9300

II. HAZARDOUS INGREDIENTS

Chemical Names	CAS Number	Exposure Limits in Air	
		ACGIH (TWA)	OSHA (PEL)
Isopropanol	67-63-0	400ppm	400ppm
Isobutane	75-28-5	800ppm	NA
Silicone emulsion mixture	NA	NA	NA

Section IIA - This product contains the following chemicals subject to reporting requirements of SARA 313 and 40 CFR 372.

Listed Ingredients	CAS Number	Weight % Range
None	None	None

III. PHYSICAL PROPERTIES

Vapor density (air = 1): 4.0	Specific Gravity: 0.9
Solubility in water: soluble	Vapor Pressure (psig): 40 @ 70F
Evaporation rate (Bu Ac = 1): <1.0	Boiling Point, oF.: n/a
Appearance and odor: white/Faint amonia odor.	
Volatile Organic Content (VOC): 150 gm/l or 1.3 lb/gal	

IV. FIRE AND EXPLOSION

HAZARD RANKING			
HMIS	Health Hazard=1	0=Least	4=Extreme
HAZARD	Flammability=4	1=Slight	
CLASS	Reactivity= 0	2=Moderate	
	Other= Organic Vapor Respirator, Goggles and Gloves	3 = High	

Flash Point, °F: This product considered to be non flammable as described in 16 CFR 1500.45
Flammable limits in air, volume %: lower 1.9 upper 8.5
Fire extinguishing materials: NO water spray YES carbon dioxide
YES foam YES dry chemical Y other (see special firefighting procedures)
Special firefighting procedures: Keep containers cool to protect against bursting or rupturing containers. Use equipment or shielding, as required, to protect personnel from bursting, rupturing or venting containers.
Unusual fire and explosion hazards: Containers may vent or burst at temperatures above 120o F.

V. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE FOR EACH POTENTIAL ROUTE OF EXPOSURE -

Inhaled: Dizziness, possible irritation of nose and throat.
Contact with skin or eyes: Irritation of eyes and skin.

HEALTH EFFECTS OR RISKS FROM EXPOSURE -

Acute: Irritation of eyes, skin and mucous membranes.
Chronic: may cause dizziness or narcosis in high vapor concentrations. Will cause defatting of skin

FIRST AID: EMERGENCY PROCEDURES -

Eye contact: Flush eyes immediately with water.

Skin contact: Wash promptly with soap and water.

Inhaled: Remove from exposure to fresh air, apply artificial respiration if necessary.

Swallowed: Seek medical advice. DO NOT give counteragents or induce vomiting.

COMMENTS: This product has not been identified as a carcinogen or probable carcinogen by NTP, IARC or OSHA. Reports have associated repeated and prolonged occupational over exposure to solvents with permanent brain and nervous system damage (sometimes referred to as solvent or painter's syndrome) - Intentional misuse by deliberately concentrating or inhaling this product may be harmful or fatal.

VI. REACTIVITY DATA

Stability: Stable under ordinary conditions of use and storage.

Incompatibility (materials to avoid): Heat, open flame and oxidizing agents, nitric and sulfuric acids, aldehyde, halogens.

Hazardous decomposition products (including combustion products): Carbon dioxide, carbon monoxide water and SiO₂.

Hazardous polymerization: Will not polymerize under ordinary conditions of use and storage.

VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill response procedures: Eliminate ignition sources. Contain spills for salvage or disposal. Minimize dilution with water to control spill volume. Avoid run-off into sewers and ditches.

Preparing wastes for disposal: Do not puncture or incinerate containers. When contents are depleted continue to depress button until all gas is expelled. Dispose of container in accordance with local, state, and federal regulations.

VIII. SPECIAL HANDLING INFORMATION

Ventilation and engineering controls: Ventilation is essential for maintaining a safe level of vapor concentrations. Floor level ventilation is preferred.

Respiratory Protection: In working atmosphere where mist is prevalent, use NIOSH-approved air purifying respirator with mist filter.

Eye Protection: Use safety goggles where solvent splashes are expected.

Gloves: Prevent repeated or prolonged skin contact with nitrile or other solvent-resistant gloves.

OTHER HANDLING AND STORAGE REQUIREMENTS:

Keep containers tightly closed. Keep containers cool, dry and away from sources of ignition. Do not puncture or incinerate containers. Do not puncture or incinerate containers. Do not expose to direct sunlight or store at temperatures above 120F.. "Empty" containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks or other sources of ignition; they may explode and cause injury or death. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

HURST CHEMICAL COMPANY furnishes Material Safety Data Sheets based upon information from raw material suppliers. This information is provided in compliance with Federal Regulation 29CFR 1910.

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