Faxback Doc. # 2968

TECH SPRAY, INC. P O BOX 949 88 NORTH HUGHES AMARILLO TX 79105 (806) 372-8523

MATERIAL SAFETY DATA SHEET RS 64-4321 Aerosol

Radio Shack Component Cooler

Hazardous Description: (For Shipping Purposes Only) Refrigerant Gas, N.O.S. Non-Flammable Gas (UN 1078)

Hazard Rating Health: 1 Fire: 0 Reactivity: 1 0-Least 1-Slight 2-Moderate 3-High 4-Extreme

1,1,1,2-tetrafluoroethane 811-97-2 100 OSHA PEL NIF	 1
DuPont AEL 100 Preliminary toxicity asses by DuPont	mqq0000

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______ Boiling Point -16 degrees C/-27 degrees F pH 7-8 Appearance: Clear water--white liquid with low odor.

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Flash Point: None TCC Method Explosion Limits

LEL: NA UEL: NA Extinguishing Media: Water, foam, dry chemical, carbon dioxide.

Special Firefighting Procedures:

Firefighters should wear self-contained, positive-pressure breathing apparatus and avoid skin contact.

Unusual Fire and Explosion Hazards:

Aerosol cans may erupt with force at temperatures above 120 degrees F.

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Effects of Overexposure

INHALATION: Major potential route of exposure. Minimal effects have observed at levels below 1000 ppm. Dizziness, drowsiness, and throat irritation possible at levels above 1000 ppm. Unconsciousness and death at levels above 10,000 ppm. Blood pressure depression, cardiac sensitization, and ventricular arrhythmia can result from exposure to nearanesthetic levels.

EYES: Liquid can cause slight, temporary irritation with slight, temporary corneal injury. Vapors can irritate eyes.

SKIN: Prolonged or repeated contact with liquid can cause freezing of skin tissue, defatting, and dermatitis.

INGESTION: Single-dose toxicity is low to moderate. If vomiting should occur, the liquid can be aspirated into the lungs, which can cause chemical pneumonia and systemic effects.

Human psychotropic, gastrointestinal, and central nervous system effects possible.

Emergency and First Aid Procedures

INHALATION: Remove to fresh air. If breathing has stopped, administer artificial respiration. Seek medical attention.

EYES: Flush eyes for at least fifteen minutes with clear water. If irritation persists, seek medical attention.

SKIN: Wash with soap and water. For frostbite, seek immediate medical attention.

NOTE: Adrenalin and similar cardiac stimulants should NOT be used to treat effects of overexposure to this product. See section I.

None of the ingredients in this product are listed on the OSHA, IARC, NTP list of possible carcinogenic, mutagenic, or teratogenic chemicals.

Stability: STABLE Conditions to Avoid: Contact with open flame, heat.

Incompatibility (materials to avoid):

Reactive alkali metals, strong acids & bases.

Hazardous Decomposition Products:

Hydrogen fluoride, carbon dioxide, and carbon monoxide Hazardous Polymerization: WILL NOT OCCUR Conditions to Avoid: None

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* * * * * * * VI--SPILL OR LEAK PROCEDURES * * * * * * *

Evacuate area. Ventilate area well and avoid breathing vapors. Vapor concentration will be highest along the floor and in low lying areas.

Pick up the liquid on a suitable absorbant and store in sealed

containers.

Material may be disposed of by a licensed reclaimer or incineration facility. Consult local, state, and federal disposal authorities for approved procedures.

Do not incinerate or destroy aerosol cans.

* * * * * * * * VIII--EMPLOYEE PROTECTION * * * * * * ______

Respiratory Protection:

If levels exceed TLVs, increased ventilation or an organic vapor mask may be required.

Ventilation: Do not use in closed space. Ventilation required.

Hands: Solvent-resistant gloves such as Viton(R)*, Polyvinyl alcohol.

Eyes: Wear splash-proof safety goggles or glasses.

Special Precautions:

Keep aerosol cans in cool place out of direct sunlight. Keep this and all chemicals out of reach of children. This product is intended for industrial use only.

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TSCA Inventory Status: Reported/Included.

The cold fill of the product is approximately $4.5\ \text{oz}\ (127.58\text{g})$.

* Viton(R) is a registered trademark of DuPont Dow Elastomers

Prepared By: R. Moore Date: 05-27-93

NL=Not Listed NIF=No Information Found NE=Not Estabilished

NA=Not Applicable

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