

MATERIAL SAFETY DATA SHEET

MSDS Name: STA'-PUT IV-H - AEROSOL
MSDS Number: SP4H15ACC

MSDS Last Updated: MAY-09-2003 Printed On: 05/09/03
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SECTION I - PRODUCT AND COMPANY INFORMATION

Product Name: STA'-PUT IV-H - AEROSOL
CAS Number: MIXTURE
Hazard Rating: Health: 1 Fire: 4 Reactivity: 0 PPI: B

Company Identification: ITW TACC
AIR STATION INDUSTRIAL PARK
ROCKLAND MA 02370

Telephone/Fax: (781) 878-7015 (781) 871-6727
Chemtrec (24 Hour): (800) 424-9300

Trade Name: STA'-PUT IV-H
Product Code: SP4H
DOT Hazard Class: NMFC# 4610
UN Number: ORM-D
Shipping Name:
Packing Group:

STA'-PUT is a registered trademark of Illinois Tool Works, Inc.

SECTION II - HAZARDOUS INFORMATION

Ingredient Name	CAS Number	Percent	TSCA
NPB	106-94-5	25-50	
HYDROCARBON PROPELLENT	MIXTURE	15-40	Y
ACETONE	67-64-1	1-5	Y
TERT BUTYL ALCOHOL	75-65-0	1-5	

SECTION III - PHYSICAL DATA

Appearance/Color: CLEAR OR RED

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Boiling Range: Not Available
Evaporation Rate: Faster than n-Butyl Acetate
% Volatile Weight: 80.97%
% Volatile Volume: Not Available
Specific Gravity: 0.955
Weight/Volume Measure: 7.95230
EPA Method 24 VOC: 670.9

Photo Chem Reactive Only VOC: 633.2

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SECTION IV - FIRE AND EXPLOSION HAZARD DANGER
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Flammability Class: IA
Flash Range: Not Available
Explosive Range: Not Available

FLAMMABLE PER FLAME PROJECTION TEST (16CFR1500.45)

EXTINGUISHING MEDIA:

Use NFPA Class B fire extinguishers (carbon dioxide, all purpose dry chemical or alcohol foam) designed to extinguish flammable liquid fires. Polymer foam is preferred for large fires.

SPECIAL FIREFIGHTING PROCEDURES:

Keep containers cool. Use self-contained breathing apparatus or shielding as required to protect against decomposition products and projectile bursting of containers.

UNUSUAL FIRE & EXPLOSION HAZARDS:

Containers are pressurized with flammable, liquified gas. At elevated temperatures (over 120 F) containers are subject to sudden release of contents.

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SECTION V - HEALTH HAZARD DATA
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PERMISSIBLE EXPOSURE LEVEL:

SEE SECTION VIII.

EFFECTS OF OVEREXPOSURE:

INHALATION: May cause dizziness, nausea, upper respiratory irritation, drowsiness, mental depression or narcosis, difficulty in breathing, irregular heartbeats. Chronic effects of overexposure to solvent vapors could lead to permanent effects to the nervous system, body organs and slight liver

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damage on excessive exposure. Use with adequate ventilation.
Can cause cardiac arrest and irregular heartbeats when inhaled
in massive amounts as for euphoria.

EYES: Irritation.

SKIN: Removal of skin oils, irritation, dermatitis,
sensitization.

INGESTION: May be harmful if swallowed; can cause gastro-
intestinal tract effects.

FIRST AID:

INGESTION - Immediately give 1 or 2 glasses of water and call
a Poison Control Center, hospital emergency room or physician
for a way to induce vomiting. (Never give anything by mouth to
an unconscious person.)

INHALATION - Remove to fresh air immediately. If breathing has
stopped, give artificial respiration. Keep warm and quiet. Get
medical attention immediately.

EYES: Flush with large amounts of water, lifting upper and
lower lids occasionally. Continue for at least 15 minutes. Get
medical attention.

SKIN: May cause defatting and irritation of the skin.

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SECTION VI - REACTIVITY DATA
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Stability: This product is stable
Hazardous Polymerization: Hazardous polymerization will not occur

INCOMPATIBILITY:

Strong oxidizing agents.

CONDITIONS TO AVOID:

Excessive heat and sources of ignition.

HAZARDOUS DECOMPOSITION PRODUCTS:

Decomposition may form toxic materials including carbon dioxide,
carbon monoxide, various hydrocarbons, etc.

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SECTION VII - SPILL OR LEAK PROCEDURES
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Small releases can be cleaned with absorbent materials or
towels. Place contaminated absorbents in closed containers
for disposal. In the case of large spills evacuate area
and ventilate. Use proper protective gear and dike area to
contain liquid. Clean area with absorbents and place in
closed containers for disposal.

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WASTE DISPOSAL METHOD:

Do not puncture or incinerate containers. Give empty, partially filled or full containers to disposal or recycling service equipped to safely handle pressurized containers. Consult federal, state or local disposal authorities for approved procedures.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:

Table with 5 columns: ACGIH TLV, ACGIH TLV-C, ACGIH STEL, OSHA STEL, OSHA PEL. Rows include NPB, HYDROCARBON PROPELLENT, ACETONE, and TERT BUTYL ALCOHOL.

RESPIRATORY PROTECTION:

If workplace exposure limit of product is exceeded, a NIOSH/MSHA approved air supplied respirator must be used in absence of proper environmental control. Engineering or administrative controls should be implemented to reduce exposure.

VENTILATION:

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below PEL.

PROTECTIVE GLOVES:

Chemical resistant gloves.

EYE PROTECTION:

Chemical splash goggles in compliance with OSHA regulations are advised.

OTHER PROTECTIVE EQUIPMENT:

To prevent repeated, prolonged skin contact, wear impervious clothing and boots.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

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Store in cool dry area in closed containers.

OTHER PRECAUTIONS:

For professional or industrial use only. Follow label instructions. Keep out of the reach of children. Not for consumption. No smoking. Do not breathe fumes. Avoid contact with body. Turn off all pilot lights, flames, stoves, heaters, electric motors, welding equipment and other sources of ignition. Close all containers when not in use. Empty containers must not be washed and re-used for any purpose. Contact lens wearers take appropriate precautions. Wash hands thoroughly after handling.

For spray applications, use only with approved spray equipment.

For flammable products, vapors may cause flash fire or ignite explosively. To prevent buildup of vapors, use adequate ventilations (e.g. open all windows and doors to achieve cross-ventilation). Containers may be hazardous when empty. Never use welding or cutting torch on or near container.

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SECTION X - ADDITIONAL REGULATORY INFORMATION
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The following ingredients are registered for TSCA 12B

Ingredient Name	CAS Number	Percent
ACETONE	67-64-1	4.65

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DISCLAIMER
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***** NOTICE *****

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