

BOWES SEALFAST
5902 E 34TH ST
INDPLS, IN 46218

Myers part - 89387

MATERIAL SAFETY DATA SHEET

24 Hour Emergency Service: CHEM•TEL INC. (800) 255-3924

I. IDENTIFICATION

PRODUCT NAME: Non-Flammable Buffing Solution
CHEMICAL NAME: Solvent Blend
FORMULA: Trichloroethylene, Xylene
SYNONYMS:
DOT CLASS:
TRANSPORTATION: 49 CFR 172-101
CAS#: 79-01-6, 1330-20-7
CHEMICAL FAMILY:
MOLECULAR WEIGHT:
HAZARD CLASSIFICATION NOS. UN2810
SHIPPING NAME: Poisonous Liquids N.O.S., 6.1, PGIII
CAS NAME: N/A

II. PHYSICAL DATA

BOILING POINT: H: 286° F L: 188° F
SPECIFIC GRAVITY: 1.33
VAPOR DENSITY: 4.5 (Air = 1)
PERCENT VOLATILES BY VOLUME:
APPEARANCE AND ODOR: Clear Liquid, solvent odor
FREEZING POINT: N/A
VAPOR PRESSURE AT 20° C.:
EVAPORATION RATE: >1 (NBA=1)
SOLUBILITY IN WATER: Nil

III. INGREDIENTS

MATERIAL	%	TLV UNITS	HAZARD	CAS#
Trichloroethylene	75 - 85			79-01-06
Xylene	15 - 25			1330-20-7

IV. FIRE AND EXPOSURE HAZARD DATA

FLASH POINT (TEST METHODS): Class 3 B
FLAMMABLE LIMITS IN AIR (% BY VOLUME): LOWER: N/A ; UPPER: N/A
EXTINGUISHING MEDIA: CO2, Dry Chemical, Foam
SPECIAL FIRE FIGHTING PROCEDURES:
Use breathing apparatus

UNUSUAL FIRE & HAZARD EXPLOSION HAZARDS:
N/A

V. HEALTH HAZARD DATA

EXPOSURE LIMITS TLV, PEL, AND SOURCE: 50 PPM
ACUTE EFFECTS OF OVEREXPOSURE: Dizziness, drowsiness, throat irritation
SWALLOWING:
SKIN ABSORPTION:
INHALATION: Minimal effects observed below 1000 PPM
SKIN CONTACT: Irritation, defatting, dermatitis, absorption through skin possible.
EYE CONTACT: Irritation, burning, redness, swelling.

CHRONIC EFFECTS OF OVEREXPOSURE: None known
OTHER HEALTH HAZARDS: None known

EMERGENCY & FIRST AID PROCEDURES

SWALLOWING: DO NOT induce vomiting. Seek immediate medical attention.
SKIN: Remove contaminated clothing. Wash well with soap and water.
INHALATION: Move to fresh air. If not breathing use CPR. Seek immediate medical attention.
EYES: Flush eyes immediately with water for at least 15 minutes. If irritation persists, seek medical attention.

PRIMARY ROUTE OF ENTRY: Skin
NOTE TO PHYSICIAN: EMERGENCY RESPONSE GUIDEBOOK in 27

VI. REACTIVITY DATA

STABILITY
UNSTABLE: STABLE: X CONDITIONS TO AVOID:
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizer, barium, lithium, magnesium
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS: Hydrogen chloride, phosgene, titanium & chlorine

HAZARDOUS POLYMERIZATION
MAY OCCUR: WILL NOT OCCUR: X CONDITIONS TO AVOID: Aluminum in fluid
pressured systems.

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
Absorb all possible. Keep out of drains.
WASTE DISPOSAL METHOD:
Dispose of in accordance with Federal, State, and Local regulations.

VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): NIOSH approved.
VENTILATION: To eliminate vapor concentrate, use in a well ventilated area.
PROTECTIVE GLOVES: Viton EYE PROTECTION: Safety goggles
OTHER PROTECTIVE EQUIPMENT: Apron, boots (solvent resistant)

IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:
Wear solvent resistant gloves, boots, and headgear if splashing.

OTHER PRECAUTIONS:

X. CARCINOGEN EVALUATION

This compound is classified by the International Agency for Cancer Research as group 2B. Possibly cancerous of humans. Prolonged or repeated overexposure may result in delayed kidney or liver damage.

XI. MSDS PREPARATION INFORMATION

THIS MSDS WAS PREPARED BY:

Charles Muhs
Technical Advisor /
100

THIS MSDS WAS LAST UPDATED ON: (DATE) July 12, 2000

XII. HMIS RATING

HEALTH:	FLAMMABILITY:	REACTIVITY:	PERSONAL PROTECTIVE EQUIP.:
3	2	0	3

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