

31 Incorporated
P.O. Box 278
Newcomerstown, OH 43832 USA
(740) 498-8324

MATERIAL SAFETY DATA SHEET

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

I. IDENTIFICATION

PRODUCT NAME: #14-771 & #14-772 Bead "Bustr"
CHEMICAL NAME: Solvent Blend
FORMULA: Trade Secret
SYNONYMS: N/A
DEPARTMENT OF: ORM-D
TRANSPORTATION:
CAS#:

CHEMICAL FAMILY: Aromatic Distillates
MOLECULAR WEIGHT: 6.72
HAZARD CLASSIFICATION NOS.
SHIPPING NAME: Flammable Liquids NOS, UN1993, II
CAS NAME: N/A

II. PHYSICAL DATA

BOILING POINT: 270°F
SPECIFIC GRAVITY: 0.84
VAPOR DENSITY: Heavier than air
PERCENT VOLATILES BY VOLUME:
APPEARANCE AND ODOR: Light

FREEZING POINT: N/A
VAPOR PRESSURE AT 20° C.: N/A
EVAPORATION RATE: N/A
SOLUBILITY IN WATER (% BY WEIGHT): Slight

III. INGREDIENTS

MATERIAL	%	TLV UNITS	HAZARD	CAS#
Xylene	45 - 55	100ppm	Flammable - Irritant	1330-20-7
Petroleum Naphta	30 - 40	100ppm		64742-88-7
Ethyl Benzene	5 - 15	100ppm		100-41-4

IV. FIRE AND EXPOSURE HAZARD DATA

FLASH POINT (TEST METHODS): TCC Min 85°F
FLAMMABLE LIMITS IN AIR (% BY VOLUME): LOWER: N/A ; UPPER: N/A
EXTINGUISHING MEDIA: Class B (Carbon Dioxide of Foam)
SPECIAL FIRE FIGHTING PROCEDURES:
Water spray, use fog nozzle if water is used. DO NOT enter confined fire space without full fire gear.

UNUSUAL FIRE & HAZARD EXPLOSION HAZARDS:
Extremely flammable; Vapors are heavier than air

V. HEALTH HAZARD DATA

EXPOSURE LIMITS TLV, PEL, AND SOURCE: 100 PPM

ACUTE EFFECTS OF OVEREXPOSURE:

SWALLOWING: May cause nausea, vomiting & diarrhea
SKIN ABSORPTION: Irritation, may cause redness or swelling
INHALATION: May cause dizziness, nausea, headaches, sore throat, and/or nose irritation
SKIN CONTACT: Irritation
EYE CONTACT: Irritation, redness, tearing, and/or swelling. May cause corneal damage

CHRONIC EFFECTS OF OVEREXPOSURE:

OTHER HEALTH HAZARDS:

EMERGENCY & FIRST AID PROCEDURES

In cases of emergency, contact paramedics and/or medical attention IMMEDIATELY!

SWALLOWING: Immediately give 2 large glasses of water. DO NOT induce vomiting. DO NOT give an unconscious or convulsing person anything by mouth.

SKIN: Wash thoroughly with soap and water.

INHALATION: Remove to fresh air. If not breathing, seek medical attention and begin CPR

EYES: Flush with water for 15 minutes.

PRIMARY ROUTE OF ENTRY: Skin / Mouth

NOTE TO PHYSICIAN:

Catecholamines and similar adrenergic drugs are generally contraindicated because of potential for increased sensitivity of heart from hydrocarbon exposure and subsequent ventricular.

VI. REACTIVITY DATA

STABILITY

UNSTABLE: STABLE: X CONDITIONS TO AVOID: N/A

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS:

Will produce Carbon Monoxide and Nitrogen Oxygen compounds.

HAZARDOUS POLYMERIZATION

MAY OCCUR: WILL NOT OCCUR: X CONDITIONS TO AVOID:

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Contain spill, provide adequate ventilation, keep people away, extinguish all ignition sources, use dry absorbent.

WASTE DISPOSAL METHOD: Dispose of in accordance with Federal, State, and Local regulations.

VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): Use NIOSH approved respirator if no ventilation

VENTILATION: Yes

PROTECTIVE GLOVES: Synthetic gloves

EYE PROTECTION: Safety Glasses

OTHER PROTECTIVE EQUIPMENT: None

IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Follow safe work / manufacturing practices. Avoid unnecessary contact and use good hygiene practices. Keep container closed when not in use. For industrial use only. Keep out of reach of children.

OTHER PRECAUTIONS:

X. CARCINOGEN EVALUATION

Xylene contains small amounts of benzene, a known carcinogen, which may produce blood changes which include reduced platelets, red blood cells, reduced white blood cells, aplastic anemia, and acute monlymphocytic anemia.

XI. MSDS PREPARATION INFORMATION

THIS MSDS WAS PREPARED BY:

Charles Muhs, Technical Advisor
31 Incorporated
100 Enterprise Drive
Newcomerstown, OH 43832

THIS MSDS WAS LAST UPDATED ON: (DATE) Jan. 1, 2010

XII. HMIS RATING

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

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF. VENDOR ASSUMES NO RESPONSIBILITY FOR INJURY TO VENDEE OR THIRD PERSONS PROXIMATELY CAUSED BY THE MATERIALS IF REASONABLE SAFETY PROCEDURES ARE NOT ADHERED TO AS STIPULATED IN THE DATA SHEET. ADDITIONALLY, VENDOR ASSUMES NO RESPONSIBILITY FOR INJURY TO VENDEE OR THIRD PERSONS PROXIMATELY CAUSED BY ABNORMAL USE OF THE MATERIAL, EVEN IF REASONABLE SAFETY PROCEDURES ARE FOLLOWED. FURTHERMORE, VENDEE ASSUMES THE RISK IN HIS USE OF THE MATERIAL.