

# MATERIAL SAFETY DATA SHEET

APPROVED BY U.S. DEPT. OF LABOR, ESSENTIALLY SIMILAR TO FORM OSHA174

## IMAGE SUPPLY SERVICE

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**24 HOUR EMERGENCY NUMBER: (CHEMTEL) 800-255-3924**

National Paint and Coatings association Hazardous Material Identification System

HEALTH HAZARD

1 - MINIMAL

FLAMMABILITY

2 - MODERATE

REACTIVITY HAZARD

0 - MINIMAL

PERSONAL PROTECTION

GOGGLES, GLOVES

CHEMICAL NAME & SYNONYMS: SOLVENT BLEND

TRADE NAME: INK BEGONE

### I. PHYSICAL DATA

BOILING POINT:(°F) 244

SPECIFIC GRAVITY (Water = 1): 0.815

POUNDS / GALLON: 6.79

VAPOR PRESSURE:(psi) 0.1229

VAPOR DENSITY (Air = 1): > 1

SOLUBILITY IN WATER (%): 25..

DRY TIME (Ether = 1): > 1

% VOLATILE BY VOLUME: 100.

APPEARANCE: Pink Liquid

ODOR: Typical solvent

### II. HAZARDOUS INGREDIENTS

MATERIALS:	CAS#	VOL (%)	ACGIH TWA (ppm)	OSHA TWA (ppm)
ALIPHATIC NAPHTHA	64742-48-9	> 29	100	100
2 - BUTOXY ETHANOL	11-76-2	> 9	25	25
1 - METHOXY-2-PROPANOL	107-98-2	> 4	100	N/E

### III. FIRE & EXPLOSION HAZARD DATA

LOWER EXPLOSIVE LIMIT IN AIR (% by volume): 0.8

UPPER EXPLOSIVE LIMIT IN AIR (% by volume): 11.8

FLASH POINT (Tag Closed Cup Tester- degrees Fahrenheit): 102.2

EXTINGUISHING MEDIA:

Carbon Dioxide, Alcohol Foam, or Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES:

S.C.B.A. for fire fighting in enclosed areas. Water spray may be used to cool exposed containers and protect personnel. In advanced fires, maintain a safe distance from sealed containers.

UNUSUAL EXPLOSION AND  
FIRE PROCEDURES:

FLAMMABLE LIQUID! Vapors may burn in the open and may explode if confined. Use in well vented areas away from heat, sparks, and open flame. Keep container closed when not in use.

LEGAL RESPONSIBILITY IS ASSUMED ONLY FOR THE FACT THAT ALL STUDIES REPORTED HERE AND ALL OPINIONS ARE THOSE OF QUALIFIED EXPERTS. BUYER ASSUMES ALL RISKS AND LIABILITIES. THE BUYER ACCEPTS AND USES THIS MATERIAL ON THESE CONDITIONS.

#### IV. REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: Isolate from heat, sparks, and open flames.

INCOMPATIBILITY: Strong oxidizers.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Oxides of carbon (CO, CO<sub>2</sub>)

HAZARDOUS POLYMERIZATION: Will not occur.

#### V. HEALTH HAZARD DATA

ROUTES OF ENTRY: INHALATION - YES SKIN - YES INGESTION - YES

EFFECTS OF ACUTE OVEREXPOSURE: Material is an eye and skin irritant. Excessive vapor inhalation will lead to central nervous system depression. Harmful or fatal if swallowed.

CHRONIC OVEREXPOSURE: Material may defat the skin on repeated exposure leading to dermatitis. Studies have shown that chronic overexposure may lead to damage to the liver and/or kidneys.

CARCINOGENICITY: NTP: NO IARC: NO OSHA: NO

**\*THIS BLEND CONTAINS NO LISTED CARCINOGENS\***

SIGNS & SYMPTOMS OF EXPOSURE: The signs of central nervous system depression begin with headache, dizziness and apparent intoxication, and progress through loss of consciousness and possible complete nervous system collapse.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Skin contact can aggravate existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURE: EYE CONTACT - rinse with water for 15 minutes. If irritation persists call a physician.  
SKIN CONTACT - wash with plenty of soap and water. Wash contaminated clothing before reuse.  
EXCESSIVE VAPOR INHALATION - remove victim to fresh air and restore breathing if necessary. Call a physician if there are signs of breathing difficulties.  
IF SWALLOWED - do NOT induce vomiting, call a physician immediately with the listing materials on this sheet.

#### VI. PRECAUTIONS FOR SAFE HANDLING & USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Stop spill at the source, dike the area and contain the flow. Mop up or absorb and place in suitable container. Notify proper authorities if an RQ was involved.

WASTE DISPOSAL METHOD: As directed by local and federal pollution laws.

HANDLING & STORAGE PRECAUTIONS: Avoid free fall of liquid. Store and use below 120 degrees (Fahrenheit) and away from direct heat and open flame.

VII. CONTROL MEASURESRESPIRATORY  
PROTECTION:

Organic cartridge type respirator if ventilation or other mechanical means cannot keep air below TLV.

## VENTILATION:

Local exhaust is preferable, but any mechanical means that will keep vapors below limits is acceptable.

PROTECTIVE  
GLOVES:

Recommended - must not dissolve in solvents.

OTHER PROTEC-  
TIVE CLOTHING  
OR EQUIPMENT:

Chemical goggles and apron are recommended if splashing is possible. An eye wash and safety shower should be available.

WORK/HYGIENIC  
PRACTICES:

Avoid breathing vapor or spray mist. Wash hands thoroughly after and before breaks or meals.

VIII. L313 LISTED MATERIALS

AS PER THE REQUIREMENTS OF 40 CFR 372.45, THE FOLLOWING COMPONENTS OF THIS BLEND ARE LISTED IN SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENT AND REAUTHORIZATION ACT OF 1986.

## MATERIAL:

## CAS#

## MAXIMUM % BY WEIGHT

2 - BUTOXY ETHANOL

111-76-2

30

THE ACT ALSO REQUIRES THAT THIS NOTICE ACCOMPANY THE MSDS IN ALL REDISTRIBUTIONS AND NOT BE DETACHED OR OMITTED FROM FUTURE COPIES.

