

# MATERIAL SAFETY DATA

The Euclid Chemical Company • Cleveland, Ohio 44110

FOR TRANSPORTATION & SAFETY EMERGENCIES CALL: 1-800-255-3924  
INTERNATIONAL USERS CALL COLLECT: 1-813-979-0626

TRADE NAME  
Eucothane VOX (Colored) Part B

CHEMICAL NAME  
Polyisocyanate Adduct Family

## 1. INGREDIENTS

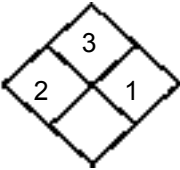
MATERIAL	CAS #	%	ACGIH(TLV)	PEL
Homopolymer of HDI	28182-81-2	70-75	NE	
*Xylene	1330-20-7	10-15	100 ppm	
N Butyl Acetate	123-86-4	10-15	150 ppm	
Hexamethylene Diisocyanate (HDI)	822-06-0	<0.5	0.005 ppm	

\*SARA Title III Section 313 Chemical

## 2. PHYSICAL DATA

APPEARANCE Straw Colored Liquid	ODOR Ester Odor	MELTPOINT NE	SPECIFIC GRAVITY 0.99 - 1.02
VAPOR DENSITY (AIR=1) NE	%VOLATILE BY WEIGHT   VOC 26   264 g/l*	BULK DENSITY NE	BOILING POINT NA
VAPOR PRESSURE NE	%SOLUBILITY(H <sub>2</sub> O) Negligible	EVAPORATION RATE	PH NA

## 3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT & METHOD 91°F SETA	NFPA FIRE HAZARDS IDENTIFICATION SYSTEM 
FLAMMABLE LIMITS LEL Xylene 1.0, N Butyl Acetate 1.38 UEL 7.6-7.0	
EXTINGUISHING MEDIA Dry chemical, foam CO <sub>2</sub>	
SPECIAL FIRE FIGHTING PROCEDURES Use S.C.B.A. and protective clothing	
UNUSUAL FIRE AND EXPLOSION HAZARDS Closed containers may explode.	

## 4. PHYSIOLOGICAL EFFECTS

LD50 ORAL (INGESTION) Rat = 20 g/kg	LD50 DERMAL (SKIN CONTACT) NE	LC50 (INHALATION) Rat = 137-176 mg/m <sup>3</sup> (4 hrs)
PRIMARY ROUTE OF EXPOSURE Inhalation, skin		THRESHOLD LIMIT VALUE (TLV) see section one

EFFECTS OF OVEREXPOSURE

- Inhalation: Can cause dizziness, fatigue, headache, nausea.  
Eye: Can cause irritation.  
Skin: May cause irritation, hives, itching, redness & scaling. May be a skin sensitizer.  
Ingestion: May cause asthmatic conditions, bronchitis.

**WARNING:** This product contains chemicals known to the State of California to cause birth defects, and/or other reproductive harm. \*(VOC- Mixed = 361 g/l)



THE EUCLID CHEMICAL COMPANY  
19218 REDWOOD RD  
CLEVELAND, OHIO 44110  
1-800-321-7628 OR 216-531-9222

NE - NOT ESTABLISHED  
NA - NOT APPLICABLE

## 5. EMERGENCY AND FIRST AID PROCEDURES

Inhalation: Move to fresh air. Seek medical attention.

Eye: Irrigate eye for 15 minutes. Seek medical attention.

Skin: Wash area twice with soap and water.

Ingestion: DO NOT induce vomiting. Call a Physician or Poison Control Center immediately.

## 6. U.S. D.O.T. SHIPPING DESCRIPTION

**Up to 3 gal:** Flammable Liquids, n.o.s. (Contains Xylene, Butylacetate), 3, UN1993, PGIII, (LTD QTY)

**Over 3 gal:** Flammable Liquids, n.o.s. (Contains Xylene, Butylacetate), 3, UN1993, PGIII

## 7. SPECIAL PROTECTION INFORMATION

### VENTILATION

Mechanical ventilation recommended.

### RESPIRATORY

Possible NIOSH approved respirator according to 29 CFR 1910.134

### EYE PROTECTION

Yes, splash goggles

### PROTECTIVE GLOVES

Yes (rubberized)

### OTHER

Apron

All chemicals should be handled so as to prevent eye contact and excessive or repeated skin contact. Appropriate eye and skin protection should be employed. Inhalation of dusts and vapors should be avoided.

## 8. CHEMICAL REACTIVITY

### CONDITIONS CAUSING INSTABILITY

Stable, polymerization will not occur.

### INCOMPATIBILITY (MATERIALS TO AVOID)

Metal compounds, phosphorous materials.

### HAZARDOUS DECOMPOSITION PRODUCTS

CO, CO<sub>2</sub>, HCN, HDI, NO<sub>x</sub>

### SPECIAL SENSITIVITY

Avoid alcohols, amines, strong bases and metals

## 9. STORAGE INFORMATION

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in cool dry place away from sparks and open flames

## 10. SPILL, LEAK, AND DISPOSAL INFORMATION

### STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED

Dike area surrounding spill. Stop source of spill. Clean with non-sparking equipment.

### WASTE DISPOSAL METHOD

Dispose of in accordance with all federal, state, and local laws and regulations.

### PREPARED BY

Rich Mikol

### DATE

02/14/05

### PAGE 2 OF

Eucothane VOX Colored Part B

### TELEPHONE NUMBER

216-531-9222

### SUPERSEDES MSDS DATED

12/16/03

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these 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 material 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.