

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - Material Identification and Use

Material Name/Identifier: ENVIRO-KOTE PART A (Shipping Address)  
Manufacturer's Name: Blue River Coatings 2910 South Nebraska Avenue  
PO Box 460 Hastings, NE 68901  
Harvard, NE 68944 USA  
Tel: 402-463-3962  
Fax: 402-463-4476  
Health - Safety Emergency: Chem-Tel: 800-255-3924  
Material Use: Metal, Wood, Plastics

## SECTION 2 - Hazardous Ingredients/Information

Hazardous Components	%	CASNA	Exposure Limits	Vapor Pressure
2-Butoxyethonal	45%	111-76-2	50ppm TLV	<1 mm 65°F-18°C
Acetic Acid	<1.0	64-19-7	NA	NA
<b>HMIS Code</b>				<b>NFPA</b>
Health	2		Health	2
Flammability	0		Flammability	0
Reactivity	0		Reactivity	0
Personal Protection	H		Personal Protection	H

## SECTION 3 - Physical/Chemical Characteristics

Physical State:	Liquid, Clear	Melting Point:	N/A
Boiling Point	248.3°F/120°C	Specific Gravity:	>1
Evaporation rate:	Slower than Ether	% Solid by Weight:	0
Vapor Density:	Heavier than Air	% Solid by Volume:	0
Weight Per Gallon:	8.34 lbs	VOC:	3.75 lb/gal - 450 gm/ltr

### **Combined 3 Parts A and 1 part B:**

% Solids by Weight:	25
% Solids by Volume:	22
Weight per gallon:	8.22 lbs
VOC:	2.8 lb/gal - 336 gm/ltr

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## SECTION 4 - Fire & Explosion Hazard Data

DOT Category:	Combustable
Flash Point:	150°F CC
Extinguishing Media:	CO <sub>2</sub> Dry Chemical, Water Fog
Unusual Fire and Explosion Hazards:	None
Special fire Fighting Procedures:	None

## SECTION 5 - Health Hazard Data

Threshold Limit Value:	Refer to Section 2
Primary Routes of Entry:	Inhalation, Skin Absorption
Effects of Over-Exposure:	
To Vapors:	Concentrated vapors may be harmful
Acute::	May cause irritation
Chronic:	None Known
Emergency First Aid Proced	
Inhalation:	Provide fresh air and rest
Skin Contract:	Wash with mild soap and water
Eye Contract:	Wash with gentle steam of water for at least 15 min. and seek medical attention
Ingestion:	Consult a physician immediately. May cause blindness and death If conscious, induce vomiting. Cover eyes to exclude light. Treat smame as methyl alcohol poisoning.

## SECTION 6 - Reactivity Data

Stability:	Stable
Conditions to Avoid:	None Known
Hazardous Decomposition of Product:	Normal combustion product including CO <sub>2</sub> , CO of N <sub>2</sub>
Hazardous Polymerization:	Will not occur

# MATERIAL SAFETY DATA SHEET (page 3)

## SECTION 7 - Spill or Leak Procedures

Steps to be taken in case the material is released or spilled:

- Remove all sources of ignition
- Provide adequate ventilation
- Treat area with an absorbing compound

Waste Disposal Method:

- Dispose of in accordance with Federal, State, & Local Regulations.
- Discarded product is not hazardous waste under CRA (40CFR 261.21)

## SECTION 8 - Special Protection Information

Respiratory Protection:	If exposure to spray mist, wear NIOSH approved respirator
Ventilation:	Local ventilation to keep air supply above threshold limit values
Protective Gloves:	Solvent resistant gloves
Eye Protection:	Safety goggles
Other Protection:	No special requirements
Hygienic Work Practices:	Remove and wash contaminated cloth before reuse

## SECTION 9 - Special Precautions

Precautions to be taken in handling and storing:

- Do not store over 120°F
- Keep container tightly closed

## SECTION 10 - Preparation Date of MSDS

Sources Used:	
Prepared By:	Blue River Coatings Jerry Keller
Phone Number:	402-463-3962
Date:	December 19, 1995
MSDS Register:	Registered

# MATERIAL SAFETY DATA SHEET (page 1)

## SECTION 1 - Material Identification and Use

Material Name/Identifier: ENVIRO-KOTE PART B (Shipping Address)  
Manufacturer's Name: Blue River Coatings 2910 South Nebraska Avenue  
PO Box 460 Hastings, NE 68901  
Harvard, NE 68944 USA  
Tel: 402-463-3962  
Fax: 402-463-4476  
Health - Safety Emergency: Chem-Tel: 800-255-3924  
Material Use: Metal

## SECTION 2 - Hazardous Ingredients/Information

Hazardous Components	%	CASNA	Exposure Limits	Vapor Pressure
Alkoxysilanes	98	Proprietary	TWA 50 ppm, PEL 10 ppm	-
<b>HMIS Code</b>		<b>NFPA</b>		
Health	1	Health	1	
Flammability	3	Flammability	3	
Reactivity	0	Reactivity	0	
Personal Protection	H	Personal Protection	H	

## SECTION 3 - Physical/Chemical Characteristics

Physical State:	Liquid, Clear	Melting Point:	N/A
Boiling Point	Not Determined	Specific Gravity:	0.94
Evaporation rate:	Slower than Ether	% Solid by Weight:	98
Vapor Density:	Not Determined	% Solid by Volume:	99
Weight Per Gallon:	7.84 lbs	VOC:	<0.1lb/gal - <12 gm/ltr

### Combined 3 Parts A and 1 part B:

% Solids by Weight:	25
% Solids by Volume:	22
Weight per gallon:	8.22 lbs
VOC:	2.8 lb/gal - 336 gm/ltr

# MATERIAL SAFETY DATA SHEET (page 2)

## SECTION 4 - Fire & Explosion Hazard Data

DOT Category:	Flammable
Flash Point:	47°F CC
Extinguishing Media:	CO <sub>2</sub> Dry Chemical, Water Fog
Unusual Fire and Explosion Hazards:	None
Special fire Fighting Procedures:	None

## SECTION 5 - Health Hazard Data

Threshold Limit Value:	Refer to Section 2
Primary Routes of Entry:	Inhalation, Skin Absorption
Effects of Over-Exposure:	
To Vapors:	Concentrated vapors may be harmful
Acute::	May cause irritation
Chronic:	None Known
Emergency First Aid Proced	
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**BLUE RIVER COATINGS**

DEDICATED TO THE ENVIRONMENT

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