

MATERIAL SAFETY DATA SHEET (page 1)

SECTION 1 - Material Identification and Use

Material Name/Identifier: CRC100-H 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: Metals

SECTION 2 - Hazardous Ingredients/Information

Hazardous Components	%	CASNA	Exposure Limits	Vapor Pressure
Methyl Alcohol	<2.0%	67561	200ppm TLV	<1 mm 65°F-18°C
<u>HMIS Code</u>		<u>NFPA</u>		
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, White	Melting Point:	N/A
Boiling Point	Not Determined	Specific Gravity:	1.46
Evaporation rate:	Slower than Ether	% Solid by Weight:	98%
Vapor Density:	Not Determined	% Solid by Volume:	99%
Weight Per Gallon:	12.2 lbs	VOC:	<0.1 lb/gal - <12 gm/ltr

Combined 3 Parts A and 1 part B:

% Solids by Weight:	73.5
% Solids by Volume:	68.4
Weight per gallon:	11.2 lbs
VOC:	1.1 lb/gal - 132 gm/ltr



BLUE RIVER COATINGS

DEDICATED TO THE ENVIRONMENT

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SECTION 4 - Fire & Explosion Hazard Data

DOT Category:	Flammable
Flash Point:	47°F CC
Extinguishing Media:	CO ₂ 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. Consult physician if ill effects persist.
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 May cause blindness and death. If conscious, induce vomiting. Cover eyes to exclude light. Treat same as methyl alcohol poisoning.

SECTION 6 - Reactivity Data

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

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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

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SECTION 1 - Material Identification and Use

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Harvard, NE 68944 USA
Tel: 402-463-3962
Fax: 402-463-4476
Health - Safety Emergency: Chem-Tel: 800-255-3924
Material Use: Metals

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	N/A	N/A
HMIS Code		NFPA		
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°F/120°C	Specific Gravity:	>1
Evaporation rate:	Slower than Ether	% Solid by Weight:	0%
Vapor Density:	Not Determined	% 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:	73.5
% Solids by Volume:	68.4
Weight per gallon:	11.2 lbs
VOC:	1.1 lb/gal - 132 gm/ltr

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SECTION 4 - Fire & Explosion Hazard Data

DOT Category:	Combustible
Flash Point:	150°F CC
Extinguishing Media:	CO ₂ 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. Consult physician if ill effects persist.
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.

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