

**MATERIAL SAFETY DATA SHEET  
FOR COATINGS, RESINS, AND RELATED MATERIALS  
REPLACES NPCA 1-82**

Provided by:

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### SECTION I - PRODUCT INFORMATION

PRODUCT NAME: CC-2B                      PRODUCT DESCRIPTION: Bridging & Encasement Sealant

PRODUCT CLASS: Bridging sealant/fire retardant latex coating (water based mixture)

TRANSPORTATION INFORMATION: Shipping Class 55, Paint (No special labels required.)

### SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	Percent	OCCUPATIONAL EXPOSURE LIMIT		VAPOR PRESSURE
		TLV	PEL	
Vinyl acetate (residual monomer) [108-05-4]	<0.5%	10 ppm	n/a	
Phenol, isopropylated phosphate [68937-41-7]	<5%	Not	0.26mm HG @ 150° C Established	

### SECTION III - PHYSICAL DATA

BOILING RANGE: 212° F                      VAPOR DENSITY: Lighter than air

EVAPORATION RATE: Slower than ether                      VOLATILE VOLUME: 50%

WT/GAL: Spray Grade 10.4/gal Palm Grade 11.4/gal                      SPECIFIC GRAVITY: 1.21 pH: 8-9

SOLUBILITY IN WATER: Appreciable                      VISCOSITY: Spray Grade 5000-10000 cps  
Palm Grade: 100,000-150,000 cps

DECOMPOSITION TEMPERATURE: Approx. 275° F (135° C)                      FREEZING POINT: 25° F (-4° C)

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## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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**FLAMMABILITY CLASSIFICATION:**

OSHA - IIIIB      DOT - Not Regulated      FLASH POINT - No flash to boiling 212° F (TCC)

LEL - Not available

**EXTINGUISHING MEDIA:** Foam     Alcohol Foam     CO2     Dry Chemical     Water Fog    Other**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None known**SPECIAL FIREFIGHTING PROCEDURE:** Product will not burn until water has evaporated. For dried film or residual solids, full protective equipment is recommended, including self-contained breathing apparatus.

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## SECTION V - HEALTH HAZARDS

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**EFFECTS OF OVEREXPOSURE:** A TLV for this mixture has not been established.

Eye contact may cause moderate irritation. Prolonged skin contact may cause slight irritation. Exposure to concentrated vapors may cause some individuals to experience headaches or dizziness. Ingestion of the liquid may irritate the mucous membranes and gastrointestinal tract and may cause vomiting.

If headaches or dizziness are experienced by an individual, the product handling procedures and workplace ventilation should be examined.

**MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:** No available information.**PRIMARY ROUTES OF ENTRY:** Dermal, Inhalation**EMERGENCY AND FIRST AID PROCEDURE:** Skin - wash with soap and water. Eyes - flush with clean water at least 15 minutes. If irritation persists, consult physician. Inhalation - remove to fresh air. If breathing is difficult, administer oxygen. If irritation persists, consult physician. Ingestion - give two glasses of water, induce vomiting, consult physician or poison control center. Never give anything by mouth to an unconscious person.

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## SECTION VI - REACTIVITY DATA

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**STABILITY:** Stable      **HAZARDOUS POLYMERIZATION:** Will not occur.**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition will yield CO, CO2, AND HPOx.**CONDITIONS TO AVOID:** None known.**INCOMPATIBILITY (Materials to Avoid):**

Materials incompatible with water and strong oxidizers.

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## SECTION VII - SPILL OR LEAK PROCEDURES

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**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Major spills should be collected for disposal. Minor spills may be flushed to sewer if regulations permit. Before drying, product may be washed away with water; after drying, remove with a paint scraper or strong solvent.

**WASTE DISPOSAL METHOD:** In accordance with all applicable regulations. Review hazard section of this sheet before attempting clean-up. Empty containers are non-hazardous under RCRA as industrial waste.

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## SECTION VIII - SAFE HANDLING AND USE INFORMATION

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**RESPIRATORY PROTECTION:** In restricted ventilation areas, or applications where mists or spray may be generated, avoid inhalation of airborne particulates by using an approved respirator with organic vapor cartridge with prefilter for mist or dust.

**VENTILATION:** General (mechanical) room ventilation is expected to be satisfactory. Local exhausts should be considered for coating operations.

**PROTECTIVE GLOVES:** Impervious gloves.

**EYE PROTECTION:** Goggles, faceshields, or other eyewear to protect from splash. As a general rule, contact lens should not be worn when working with chemicals.

**OTHER PROTECTIVE EQUIPMENT:** None.

**HYGIENIC PRACTICES:** Thoroughly cleanse hands after handling. Launder contaminated clothing before reuse.

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## SECTION IX - SPECIAL PRECAUTIONS

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**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Avoid breathing vapors. Avoid application to hot surfaces, as vapors may be irritating. Keep container closed. Use with adequate ventilation. Store indoors at temperatures of 45°F - 90°F. Do not store in contact with iron, aluminum, zinc, copper, or other alloys.

**OTHER PRECAUTIONS:** For industrial/professional use only. Not intended for retail sale or use by individual consumers. Do not reuse container for potables or edibles.