



## MATERIAL SAFETY DATA SHEET

### SECTION 1: IDENTIFICATION OF PRODUCT

**TRADE NAME:** VPI NC-2 NOSE CAULKING COMPOUND Part A  
**PRODUCT NUMBER:** NC-2 (xx = Product, 2 = Cartridge)  
**WHMIS CLASS:** D2B  
**DESCRIPTION:** TWO-COMPONENT POLYURETHANE ADHESIVE  
**PRODUCT USE:** STAIR COVERING ADHESIVE  
**TRANSPORT:** Not regulated.

**HMIS CODE:** HEALTH (2) FIRE (1) REACTIVITY (0)  
SPECIFIC (H)  
0: Minimal 1: Light 2: Moderate 3: High  
4: Dangerous

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### SECTION 2: HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	# CAS	%	T.L.V.	LD50
PRODUCT REACTION OF EPICHLORHYDRINE AND BISPHENOL A	25085-99-8	15-40	N/D	N/D
GLYCIDYL ETHER of ORTHO CRESOL	2210-79-9	10-30	N/D	N/D
4-NONYL-PHENOL BRANCHED	84852-15-3	7-13	N/D	N/D
OLEIC ACID	112-80-1	0.5-1.5	N/D	N/D

### SECTION 3: PHYSICAL PROPERTIES

**APPEARANCE AND ODOR:** White paste with slight color.  
**BOILING POINT (°C):** > 38  
**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 1.30  
**VAPOR DENSITY (Air=1):** > 1  
**MELTING POINT (°C):** N/A  
**EVAPORATION RATE:** Slower than ether.  
**SOLUBILITY IN WATER (%):** Not soluble.  
**VOLATILE MATTER (% Vol.):** N/E  
**VAPOUR PRESSURE (mm of Hg):** N/A  
**PH:** N/A

## SECTION 4: FIRE AND EXPLOSION HAZARD DATA

<b>FLAMMABLE:</b>	YES ( )	NO ( x)
<b>IF YES, IN WHICH CONDITIONS:</b>		
<b>FLASH POINT (°C):</b>	N/D	
<b>METHOD:</b>	N/D	
<b>AUTO-IGNITION TEMPERATURE (°C):</b>	N/D	
<b>FLAMMABLE LIMITS (% VOL.IN AIR):</b>		
<b>LOWER LIMIT:</b>	N/D	<b>UPPER LIMIT:</b> N/D
<b>EXTINGUISHING MEDIA:</b>		
	WATER SPRAY (x)	WATER FOG ( )
	CARBON DIOXIDE (x)	FOAM (x)
	DRY CHEMICAL (x)	OTHERS ( )
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>		
	Wear complete protective equipment including a self-contained breathing apparatus.	
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>		
	Not sensitive to impact. Metal container must be grounded. Contact with copper may form acetylene gas.	

## SECTION 5: REACTIVITY DATA

<b>STABILITY:</b>	UNSTABLE ( )	STABLE (x)
<b>CONDITIONS TO AVOID:</b>	None	
<b>HAZARDOUS POLYMERIZATION:</b>	MAY OCCUR (x)	WILL NOT OCCUR ( )
<b>CONDITIONS TO AVOID:</b>	Uncontrolled mix with amines.	
<b>INCOMPATIBILITY (materials to avoid):</b>	None known.	
	WATER ( )	BASE (x)
	OXIDIZING AGENTS (x)	ACID (x)
	CORROSIVE ( )	OTHERS (x)
	Chlorinated compounds, copper compounds and copper alloy.	

<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	
	May liberate carbon monoxide and carbon dioxide and unidentified organic compounds in black smoke.

## SECTION 6: PREVENTIVE MEASURES

<b>VENTILATION:</b>	Use in well ventilated area.
<b>RESPIRATORY PROTECTION:</b>	USE APPROPRIATE RESPIRATORY PROTECTION TO AVOID INHALATION OF VAPORS.
<b>EYE PROTECTION:</b>	Safety glasses.
<b>HAND PROTECTION:</b>	Impervious neoprene gloves or nitrile gloves.
<b>OTHER PROTECTIVE EQUIPMENT:</b>	As needed to minimize exposure. (e.g. : impermeable overall and boots, etc.)
<b>HANDLING:</b>	Practice good personal hygiene.
<b>STORAGE:</b>	Store at room temperature (20°C). Not affected by refrigeration. Stable to freeze/thaw.

## SECTION 7: SPILL OR LEAK PROCEDURES

<b>STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:</b>	
	Wear protective equipment. Contain by diking with soil or other non-combustible absorbent materials and put into DOT approved waste container.

**WASTE DISPOSAL METHOD:** Dispose of in accordance with local, state and federal environmental regulations.

## SECTION 8: HEALTH HAZARD DATA

<b>ABSORPTION ROUTE:</b>	SKIN (x)	EYES (x)
	INHALATION (x)	INGESTION (x)
<b>EFFECTS OF OVEREXPOSURE:</b>	Repeated exposure to high concentration could cause depression of the central nervous system.	
<b>SKIN:</b>	Product is irritating to the skin.	
<b>EYES:</b>	Product is irritating to the eyes.	
<b>INHALATION:</b>	Exposure to low concentration will be irritating to respiratory tract.	
<b>INGESTION:</b>	Data not available but ingestion of the material would be harmful.	
<b>CARCINOGENIC:</b>	No	
<b>TERATOGENIC:</b>	Yes (CSST)	
<b>MUTAGENIC:</b>	N/D	

## SECTION 9: FIRST AID PROCEDURES

<b>SKIN:</b>	Immediately wash skin with soap and water. Remove contaminated clothing. Contact a physician if irritation persists.
<b>EYES:</b>	Flush eyes with water for at least 15 minutes while holding eyelids open. Contact a physician.
<b>INHALATION:</b>	Move to fresh air. If not breathing, trained personnel should administer artificial respiration. Get immediate medical attention.
<b>INGESTION:</b>	DO NOT INDUCE VOMITING. Contact a physician or a poison control center immediately.

## SECTION 10: PREPARATION INFORMATION

VPI Corporation has compiled the information and recommendations contained in this Material Safety Data Sheet from sources believed to be reliable and to represent the most reasonable current opinion on the subject when the MSDS was prepared. No warranty, guaranty or representation is made as to the correctness or sufficiency of the information. The user of this product must decide for himself what safety measures are necessary to safely use this product, either alone or in combination with other products.

N/A: Not applicable                      N/D: Not determined  
N/E: Not established



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