



MATERIAL SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF PRODUCT

TRADE NAME: VPI NC-2 NOSE CAULKING COMPOUND Part B
PRODUCT NUMBER: NC-2 (xx = Product, 2 = Cartridge)
WHMIS CLASS: D2A, D1B, E
DESCRIPTION: TWO-COMPONENT POLYURETHANE ADHESIVE
PRODUCT USE: STAIR COVERING ADHESIVE
TRANSPORT: ADHESIVE, Corrosive Material, CLASS 8 UN 1760, P.G. II

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

SUPPLIER: VPI Corporation
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SECTION 2: HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	# CAS	%	T.L.V.	LD50
C-18 unsaturated DIMER CONDENSATE	68410-23-1	10-30	N/A	N/A
PHENOL 2, 4, 6-T (DIMETHYLAMINO)	90-72-2	5-10	N/D	N/D
DIETHYLENE TRIAMINE	111-40-0	5-10	N/D	N/D
4.4-1 METHYLETHYLIDENE BIS	80-05-7	1-5	N/A	N/A

SECTION 3: PHYSICAL PROPERTIES

APPEARANCE AND ODOR: Yellow, light odor of resin.
BOILING POINT (°C): > 100
SPECIFIC GRAVITY (H₂O=1): 0.92
VAPOR DENSITY (Air=1): > 1
MELTING POINT (°C): N/A
EVAPORATION RATE: Slower than ether.
SOLUBILITY IN WATER (%): Not soluble.
VOLATILE MATTER (% Vol.): N/D
VAPOUR PRESSURE (mm of Hg): N/D
PH: N/A

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLAMMABLE: YES () NO (x)
IF YES, IN WHICH CONDITIONS:
FLASH POINT (°C): N/A
METHOD:
AUTO-IGNITION TEMPERATURE (°C): N/A
FLAMMABLE LIMITS (% VOL.IN AIR):
LOWER LIMIT: N/A **UPPER LIMIT:** N/A
EXTINGUISHING MEDIA:
WATER SPRAY (x) WATER FOG ()
CARBON DIOXIDE (x) FOAM (x)
DRY CHEMICAL (x) OTHERS ()

SPECIAL FIRE FIGHTING PROCEDURES:
Wear complete protective equipment including a self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
Not sensitive to impact.

SECTION 5: REACTIVITY DATA

STABILITY: UNSTABLE () STABLE (x)
CONDITIONS TO AVOID: None
HAZARDOUS POLYMERIZATION: MAY OCCUR () WILL NOT OCCUR (x)
CONDITIONS TO AVOID: Uncontrolled mix with certain resins.
INCOMPATIBILITY (materials to avoid): None known.
WATER () BASE (x)
OXIDIZING AGENTS () ACID (x)
CORROSIVE () OTHERS ()

HAZARDOUS DECOMPOSITION PRODUCTS:
May produce carbon monoxide and carbon dioxide, oxides of nitrogen and other unidentified organic compounds.

SECTION 6: PREVENTIVE MEASURES

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

SECTION 7: SPILL OR LEAK PROCEDURES

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

WASTE DISPOSAL METHOD: Thoroughly mix part A and B and allow to cure. Hardened material can be disposed of in land fill or trash. Dispose of in accordance with local, state and federal environmental regulations.

SECTION 8: HEALTH HAZARD DATA

ABSORPTION ROUTE:	SKIN	(x)	EYES	(x)
	INHALATION	(x)	INGESTION	(x)
EFFECTS OF OVEREXPOSURE:	Prolonged exposure to high concentration of fumes may cause nausea, vomiting, nose and throat irritation, eye and skin irritations.			
SKIN:	Product is corrosive to the skin.			
EYES:	Product is corrosive to the eyes.			
INHALATION:	Fumes of the product could be irritating to respiratory tract.			
INGESTION:	Fumes may cause nausea, vomiting.			
CARCINOGENIC:	No			
TERATOGENIC:	N/D			
MUTAGENIC:	N/D			

SECTION 9: FIRST AID PROCEDURES

SKIN:	Immediately wash skin with soap and water. Remove contaminated clothing. Contact a physician if irritation persists.
EYES:	Flush eyes with water for at least 15 minutes while holding eyelids open. Contact a physician.
INHALATION:	Move to fresh air. If not breathing, trained personnel should administer artificial respiration. Get immediate medical attention.
INGESTION:	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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