



MATERIAL SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF PRODUCT

TRADE NAME: VPI 230 SF Adhesive, PART B
PRODUCT NUMBER: 02301GSF-B
WHMIS CLASS: D2B, E
DESCRIPTION: TWO-PART SOLVENT FREE ADHESIVE, PART B
PRODUCT USE: RUBBER FLOOR COVERING ADHESIVE
TRANSPORT: POLYALKYLAMINES, N.S.A. corrosives, (Tris-2, 4, 6-(Dimethylaminomethyl-phenol), CLASS 8 UN 2735, PACKING III

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

SUPPLIER: VPI Corporation
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EMERGENCY PHONE NUMBER: CHEMTREC (800) 424-9300

SECTION 2: HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	# CAS	%	T.L.V.	LD50
1, 2-CYCLOHEXANE DIAMINE	694-83-7	10-30	N/D	N/D
2, 4, 6-TRIS (DIMETHYLAMINO) METHYL-PHENOL	90-72-2	40-70	N/D	1,200 ppm (oral)
BENZYL ALCOHOL	100-51-6	10-30	N/D	N/D

SECTION 3: PHYSICAL PROPERTIES

APPEARANCE AND ODOR: Brownish liquid, light odor of resin.
BOILING POINT (°C): > 40
SPECIFIC GRAVITY (H₂O=1): 1.40
VAPOR DENSITY (Air=1): > 1
MELTING POINT (°C): N/D
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/D			
METHOD:	N/D			
AUTO-IGNITION TEMPERATURE (°C):	N/D			
FLAMMABLE LIMITS (% VOL.IN AIR):				
LOWER LIMIT:	N/D	UPPER LIMIT:	N/D	
EXTINGUISHING MEDIA:				
	WATER SPRAY	(x)	WATER FOG	()
	CARBON DIOXIDE	(x)	FOAM	(x)
	DRY CHEMICAL	(x)	OTHERS	()
SPECIAL FIRE FIGHTING PROCEDURES:				
	Complete protective equipment including a self-contained breathing apparatus.			
UNUSUAL FIRE AND EXPLOSION HAZARDS:				
	Not sensitive to impact. Metal container must be grounded.			

SECTION 5: REACTIVITY DATA

STABILITY:	UNSTABLE	()	STABLE	(x)
CONDITIONS TO AVOID:	None			
HAZARDOUS POLYMERIZATION:	MAY OCCUR	(x)	WILL NOT OCCUR	()
CONDITIONS TO AVOID:	Uncontrolled mix with certain resins.			
INCOMPATIBILITY (materials to avoid):	None known.			
	WATER	()	BASE	()
	OXIDIZING AGENTS	(x)	ACID	()
	CORROSIVE	()	OTHERS	()
HAZARDOUS DECOMPOSITION PRODUCTS:				
	Can produce carbon monoxide, carbon dioxide, nitrogen oxide and some other unidentified organic products.			

SECTION 6: PREVENTIVE MEASURES

VENTILATION:	Use in well ventilated area.
RESPIRATORY PROTECTION:	Not required if area is well ventilated. If not, use an approved mask with cartridges for organic fumes.
EYE PROTECTION:	Chemical safety glasses.
HAND PROTECTION:	Neoprene gloves or nitrile gloves.
OTHER PROTECTIVE EQUIPMENT:	As needed to minimize exposure.
HANDLING:	N/A
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 wicking 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

ABSORPTION ROUTE:	SKIN (x)	EYES (x)
	INHALATION (x)	INGESTION (x)
EFFECTS OF OVEREXPOSURE:	Prolonged exposure to high concentration of fumes may cause some troubles to the central nervous system.	
SKIN:	Product is corrosive to the skin.	
EYES:	Product is corrosive to the eyes.	
INHALATION:	Fumes of product could be irritating to the respiratory tract.	
INGESTION:	Data not available but ingestion of the material would be harmful.	
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

REVISION DATE: September 27, 2005 ASP

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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