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ND INDUSTRIES , INC. 1893 BARRETT ROAD TROY, MICHIGAN 48084

(248) 288-0000 Fax: (248) 288-0022 24 hr. EMERGENCY CHEMTREC: 1-800-424-9300

PRODUCT: MSDS ID:	ND Vibra-Tite® Formula #3™ ND1030
ORIG. DATE:	8/05/94 4/14/04
REV. DATE:	6/27/07

PREPARED BY: Chemical Safety

SECTION I -Mate	rial Identifi	cation and Ir	formatio	on H: 2		F: 3	R: 0	PPE:C
СОМРО	ONENTS			CAS #	PERCENT %	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Acrylic polymer (contair Acrylic polymer Methyl ethyl ketone	ns toluene)	VTB-0 VTB-0	7-409 7-08	not assigned not assigned 78-93-3	20-25 12-18 62-72	n.a. n.a. 200 ppm	n.a. n.a. 200 ppm	Non-hazardous Non-hazardous
All ingredients a	are listed on t ysical and C	the TSCA Inve	ntory. r acteristi	cs	n.a.= no	ot applicable	/ n.e.=not es	tablished
	J-	00°C						
VAPOR DENSITY		2 49	air = 1		VC	C #/gal. :	5.838	
VAPOR PRESSU	RE:	83 mmHg at 75	°F		DENSITY	OF COATING	3: 7.67	
MELTING POINT:		n.a.						
SPECIFIC GRAVI	TY:	0.92	water =	1				
EVAPORATION R	RATE:	6.31				Buty	I Acetate	
WATER REACTIV	Έ:	na						
SOLUBILITY IN WA	TER:	16.32% @ 20	0°C					
APPEARANCE AND	ODOR:	Pinkish orange,	viscous liq	uid with non-re	esidual, "so	lvent-like" odo	r.	
SECTION III - F	Fire and Exp	olosion Hazar	d Data					
	∕°C TCC	2 °(\square
		rure: ∎	860°F					
FLAMMABILITY	' LIMITS % I R MEDIA: Use	NAIR: LEL: e water spray, ca	1.8 @77° arbon dioxid	°F de, dry chemic	UEL:	11.5 @77°F ^f oam.		
SPECIAL FIREFIGHTING PROCEDURES:	Wear a MSHA/NIOSH approved self-contained breathing apparatus with full face piece operated in pressure-demand or other positive pressure mode when fighting fires.							
UNUSUAL FIRE HAZARDS AND CONDITIONS TO AVOID:	Vapors will cr will ignite vap	eep along floors oors and source.	, stairs, etc Combustic	: as well as b on yields oxide	by air currer as of carbon	nts. Any spark	, open flame or	strong heat source

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SECTION IV - Reactivity Hazard Data

STABILITY:	stable: Y unstable:
HAZARDOUS PO	LYMERIZATION: may occur: will not occur: X
CONDITIONS	This material is considered stable. However, avoid all sources of ignition, fire, heat etc
TO AVOID:	
INCOMPATIBII	LITY: Avoid contact with the following: acids, amines, bases, oxidizing agents, halogens and molten sulfur.
HAZARDOUS	Thermal decomposition may yield acrylic monomers.
PRODUCTS:	
SECTION V -	Health Hazard Data
PRIMARY ROUTE	S OF ENTRY: INHALATION: X INGESTION: X SKIN ABSORPTION: X
EYE CONTACT:	Can cause severe eye irritation, if not removed promptly. May result in permanent eye damage.
FIRST AID:	Flush eyes with generous amounts of water for 15 minutes lifting both upper and lower eyelids occasionally. Get
	medical attention.
SKIN CONTACT:	Prolonged contact may cause moderate skin irritation and dermatitis.
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FIRST AID.	Thoroughly wash exposed area with soap and water. Remove contaminated clothing including shoes. Launder before reuse. If irritation occurs, seek medical attention,
TINGTAID.	
INHALATION:	Vapor concentrations above exposure levels are irritating to the respiratory tract. May cause headaches,
	dizziness, and are an anesthetic and may have other central nervous system effects.
FIRST AID:	Remove individual to fresh air. If breathing has stopped, give artificial respiration.
	Get medical attention.
	Small amounts of this material asnirated into the respiratory system during indestion, or from vomiting, may cause
INGESTION.	bronchiopneumonia or pulmonary edema.
	Do NOT induce veniting. Immediately drink two glasses of water and get medical
FIRST AID.	attention.
CHRONIC	Long term exposure at high concentrations may lead to CNS Depression
EFFECTS:	Long term exposure at high concentrations may lead to one Depression.
Carcinogenic:	This products components contain xylene, ethylbenzene, and trace amounts of benzene which are listed as OSHA
	regulated carcinogens.

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Component

Acrylic polymer Acrylic polymer Methyl ethyl ketone

Oral LD50

>5000 mg/Kg (rat) not determined 2.9 g/kg (rat) >3000 mg/Kg (rabbit) not determined > 5g/kg (rabbit)

Dermal LD50

Inhalation LC50

not determined not determined > 5000 ppm (rat)

SECTION VI - Control and Protective Measures

RESPIRATORY Work in a well ventilated area. For high concentrations use a NIOSH/MSHA approved respirator to prevent **PROTECTION:** overexposure. PROTECTIVE Use latex gloves for minor contact. For excessive or prolonged contact use rubber or neoprene. GLOVES: **EYE PROTECTION:** Wear NIOSH approved safety glasses with sideshields or chemical splash goggles if contact is likely. LOCAL EXHAUST: X **MECHANICAL:** SPECIFIC: VENTILATION TO BE USED: OTHER (specify): Use explosion proof ventilation. **PROTECTIVE CLOTHING** Wear impervious clothing to prevent repeated, prolonged skin contact. AND EQUIPMENT: Practice careful chemical handling and good personal hygiene when working with our product. Wash HYGIENIC WORK hands after using product. PRACTICES:

SECTION VII - Precautions for Safe Handling and Spill/Leak Procedures

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:

Immediately extinguish all sources of ignition until area is free of explosive hazard. Absorb material on inert filler and place in a sealed container suitable for disposal. Prevent material from entering sewers, watercourses or low areas.

WASTE DISPOSAL
METHODS:This material when determined to be a waste will be a hazardous waste by characteristic of ignitability
(D001) and/or characteristic of toxicity (D035) according to CFR40, 261 Subpart C.SAFE HANDLING
AND STORAGE:Avoid breathing product vapors. Keep product away from all sources of ignition, heat or flame. Keep
container closed when not in use. Store material in a cool, dry place.

OTHER PRECAUTIONS AND SPECIAL HAZARDOUS INFORMATION:

Containers of this product may be hazardous when emptied, since they contain product residue, observe all precautions.

	HEALTH 2	FLAMMABILITY	3	REACTIVITY 0	PERSONAL	С
RATING	note: ratings may d	PROTECTION				

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NOTES: DOT Shipping Name: Coating solution 3, UN1139, PGII

WHMIS Identification: Class B, Division 2

SECTION 313 SUPPLIER NOTIFICATION

Detaching this notification from the Material Safety Data Sheet is prohibited by law and any copying or distribution of same requires this attachment be included.

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372:

<u>CAS #</u>	CHEMICAL NAME	% BY WEIGHT
78-93-3	Methyl ethyl ketone 6	2

This product contains the following materials that under California Proposition 65 of the Safe Drinking Water and Toxic Enforcement Act of 1986 are recognized to cause cancer or reproductive toxicity.

Material	CAS #	Concentration %	Cancer Agent	Reproductive Toxin	cancer agent &	Reproductive Toxin
Toluene	108-88-3	13.5		X		
Benzene	71-43-2	trace	Х			
Acrylonitrile	107-13-1	trace		Х		

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