



ND INDUSTRIES, INC. (248) 288-0000 Fax: (248) 288-0022
 1893 BARRETT ROAD 24 hr. EMERGENCY CHEMTREC:
 TROY, MICHIGAN 48084 1-800-424-9300

PRODUCT: 542000 (542) Shaft & Bearing Retaining Compound
 MSDS ID: ND2111
 ORIG. DATE: 5/13/98
 REV. DATE: 6/2/04
 REV. DATE: 6/28/07
 PREPARED BY: Chemical Safety

SECTION I -Material Identification and Information H: 2 F: 1 R: 1 PPEB

COMPONENTS	CAS #	PERCENT %	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Aliphatic urethane methacrylate blend	NDA-09-342	trade secret	40-50	n.e.	n.e.
Dimethacrylate ester	NDA-09-235	27813-02-1	30-40	n.e.	n.e.
Polyester resin	NDA-09-152	trade secret	10-20	n.e.	n.e.
Cumene hydroperoxide	NDA-09-151	80-15-9	1-10	n.e.	n.e.
Substituted silane	NDA-09-265	2530-85-0	1-10	n.e.	n.e.

All ingredients are listed on the TSCA Inventory. n.a. = not applicable / n.e. = not established

SECTION II -Physical and Chemical Characteristics

BOILING POINT:	>150°C	VOC #/gal. :	46.2%
VAPOR DENSITY:	>1 air = 1	DENSITY OF COATING:	
VAPOR PRESSURE:	<10 mmHg @ 25°C		
MELTING POINT:	n.a.		
SPECIFIC GRAVITY:	~1.1 water = 1		
EVAPORATION RATE:	n.a.		
WATER REACTIVE:	No		
SOLUBILITY IN WATER:	slight		
APPEARANCE AND ODOR:	Green liquid with sharp odor.		

SECTION III - Fire and Explosion Hazard Data

FLASH POINT:	> 200°C	T.C.C.
AUTOIGNITION TEMPERATURE:	not determined	
FLAMMABILITY LIMITS % IN AIR:	LEL: not determined	UEL: not determined
EXTINGUISHER MEDIA:	Use carbon dioxide, foam, dry chemical and/or water spray.	
SPECIAL FIREFIGHTING PROCEDURES:	Wear a NIOSH approved self-contained breathing apparatus operated in pressure-demand or other positive pressure when fighting fires. Sealed containers may rupture explosively if exposed to heat.	
UNUSUAL FIRE HAZARDS AND CONDITIONS TO AVOID:	Combustion of product may produce oxides of carbon.	

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Component	Oral LD50	Dermal LD50	Inhalation LC50
Polyester resin	not determined	not determined	not determined
Dimethacrylate ester	not determined	not determined	not determined
Cumene hydroperoxide	382 mg/Kg Rat	>200 mg/kg Rabbit	220 ppm Rat
Substituted silane	not determined	not determined	not determined
Aliphatic urethane methacrylate blend	not determined	not determined	not determined

SECTION VI - Control and Protective Measures

RESPIRATORY PROTECTION: Wear NIOSH/MOSHA approved respirator. Work in a well ventilated area.

PROTECTIVE GLOVES: Disposable polyethylene gloves with vinyl latex over gloves will give protection.

EYE PROTECTION: Wear NIOSH approved safety glasses with side shields.

VENTILATION TO BE USED: LOCAL EXHAUST: **X** MECHANICAL: SPECIFIC:
OTHER (specify):

PROTECTIVE CLOTHING AND EQUIPMENT: Wear impervious clothing to prevent repeated, prolonged skin contact.

HYGIENIC WORK PRACTICES: Practice good personal hygiene and wash hands after handling product.

SECTION VII - Precautions for Safe Handling and Spill/Leak Procedures**STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:**

Dike area to prevent spreading. Absorb with vermiculite, sand or other inert absorbing material.

WASTE DISPOSAL METHODS: Dispose of as a chemical waste in accordance with current local, state, and federal regulations

SAFE HANDLING AND STORAGE: Avoid prolonged skin contact. Store product below 110°F to preserve shelf life.

OTHER PRECAUTIONS AND SPECIAL HAZARDOUS INFORMATION:

Avoid prolonged skin contact. Keep away from eyes.

**RECOMMENDED
NFPA/HMIS
RATING**

HEALTH 2

FLAMMABILITY 1

REACTIVITY 1

**PERSONAL
PROTECTION B**

note: ratings may differ according to application, environment, and physical state.

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NOTES:

Shipping Regulations:
DOT and IATA Hazard Classification: Non restricted Articles
Proper DOT Shipping Name: N/A

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>	<u>CHEMICAL NAME</u>	<u>% BY WEIGHT</u>
80-15-9	Cumene hydroperoxide	<3
107-21-1	Ethylene glycol	

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.

<u>Material</u>	<u>CAS #</u>	<u>Concentration %</u>	<u>Cancer Agent</u>	<u>Reproductive Toxin</u>	<u>cancer agent & Reproductive Toxin</u>
Aliphatic urethane methacrylate blend					X
Ethylene glycol	107-21-1			X	

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