



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: ND730 Gasket Material  
 MSDS ID: ND3270  
 ORIG. DATE: 11/23/2004  
 REV. DATE: 3/16/05  
 REV. DATE: 6/27/07  
 PREPARED BY: Chemical Safety

**SECTION I -Material Identification and Information H: 2 F: 1 R: 0 PPEC**

COMPONENTS	CAS #	PERCENT %	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Methacrylated Oligomer	ND-09-569	82339-26-2 55-65	n.e.	n.e.	
Polymer Modifier	ND-09-541	68515-40-2 20-25	n.e.	n.e.	
Methacrylate Monomer	ND-09-332	25852-47-5 5-10	n.e.	n.e.	
Silica	ND-09-101	112945-52-5 2-7	n.e.	10 mg/m3	
Saccharin	ND-09-150	81-07-2 .5-2	n.e.	n.e.	
Cumene Hydroperoxide	ND-09-151	80-15-9 .5-2	n.e.	n.e.	

The remaining components of this product are not considered hazardous substances or are below reportable levels under OSHA's Hazard Communication Standard (29 CFR 1910.1200)

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

**SECTION II -Physical and Chemical Characteristics**

<b>BOILING POINT:</b>	n.e.		<b>VOC #/gal. :</b> 1.193
<b>VAPOR DENSITY:</b>	n.e.	air = 1	<b>DENSITY OF COATING:</b> 9.174
<b>VAPOR PRESSURE:</b>	n.e.		
<b>MELTING POINT:</b>	n.e.		
<b>SPECIFIC GRAVITY:</b>	1.10	water = 1	
<b>EVAPORATION RATE:</b>	n.e.		
<b>WATER REACTIVE:</b>	No		
<b>SOLUBILITY IN WATER:</b>	Not soluble		
<b>APPEARANCE AND ODOR:</b>	Thick, deep red paste.		

**SECTION III - Fire and Explosion Hazard Data**

<b>FLASH POINT:</b>	>93°C	PMCC
<b>AUTOIGNITION TEMPERATURE:</b>	n.e.	
<b>FLAMMABILITY LIMITS % IN AIR:</b>	LEL: n.e.	UEL: n.e.
<b>EXTINGUISHER MEDIA:</b>	Use dry chemicals, foam, CO2, water and/or water fog.	
<b>SPECIAL FIREFIGHTING PROCEDURES:</b>	Wear NIOSH approved self-contained breathing apparatus with full face piece operated in pressure-demand or other positive pressure mode when fighting fires. Cool fire exposed containers.	
<b>UNUSUAL FIRE HAZARDS AND CONDITIONS TO AVOID:</b>	Containers may rupture due to exothermic polymerization under fire conditions. Water may cause material frothing.	

**PRODUCT: ND730 Gasket Material**

**SECTION IV - Reactivity Hazard Data**

**STABILITY:**        **stable:** X                                **unstable:**  
**HAZARDOUS POLYMERIZATION:**        **may occur:** X                                **will not occur:**  
**CONDITIONS TO AVOID:**        Elevated temperatures above 99°F for prolonged periods. Removal of oxygen. Contamination.

**INCOMPATIBILITY:** Polymerization initiators, strong alkalis and oxidizing or reducing agents, oxygen scavengers.

**HAZARDOUS DECOMPOSITION PRODUCTS:**        Oxides of carbon.

**SECTION V - Health Hazard Data**

<b>PRIMARY ROUTES OF ENTRY:</b>	<b>INHALATION:</b>	<b>INGESTION:</b>	<b>SKIN ABSORPTION:</b>
<b>EYE CONTACT:</b>	May cause severe irritation and damage.		
<b>FIRST AID:</b>	Flush eyes with generous amounts of water for at least 15 minutes, lifting both upper and lower eyelids frequently. Get medical attention.		
<b>SKIN CONTACT:</b>	Product is harmful to skin. May cause dermatitis with prolonged contact in sensitive individuals.		
<b>FIRST AID:</b>	Thoroughly wash exposed area with soap and water. Do not use organic solvents on skin. If irritation develops, seek medical attention. Launder clothing before reuse.		
<b>INHALATION:</b>	Not likely a route of exposure.		
<b>FIRST AID:</b>	If victim is overcome by exposure to fumes, remove them to fresh air and administer CPR as necessary. Seek medical attention.		
<b>INGESTION:</b>	May cause slight irritation to mouth, throat and upper respiratory tract.		
<b>FIRST AID:</b>	DO NOT INDUCE VOMITING. Dilute by drinking plenty of water and seek medical attention.		
<b>CHRONIC EFFECTS:</b>	None known		
<b>Carcinogenic:</b>	No		

**PRODUCT: ND730 Gasket Material**

Component	Oral LD50	Dermal LD50	Inhalation LC50
Methacrylated Oligomer	not determined	not determined	not determined
Methacrylate Monomer	not determined	not determined	not determined
Polymer Modifier	>15800 mg/kg (rat)	>7940 mg/kg (rabbit)	not determined
Silica	>1000 mg/kg (rat)	>2000 mg/kg (rabbit)	not determined
Saccharin	not determined	not determined	not determined
Cumene Hydroperoxide	not determined	not determined	not determined

**SECTION VI - Control and Protective Measures**

**RESPIRATORY PROTECTION:** If product is being used at excessive, elevated temperatures, wear a NIOSH approved respirator.

**PROTECTIVE GLOVES:** Use appropriate chemical resistant gloves: rubber or nitrile.

**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:** If there is a chance of contact with clothing or large surface areas of skin, protective clothing should be used to prevent unnecessary exposure. Eye wash fountains and safety showers should be available for emergency use.

**HYGIENIC WORK PRACTICES:** Always practice good personal hygiene when working with chemicals. Be sure to wash hands after using product.

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

Dike or contain spill with inert materials and transfer liquid to containers for recovery or disposal. Avoid runoff into storm sewers or into waterways. Immediately extinguish all sources of ignition, flame, heat, etc. until area is free from explosive hazard. Absorb material in inter filler or floor absorb and transfer to a ventilated area for proper disposal.

**WASTE DISPOSAL METHODS:** Discharge, treatment, or disposal may be subject to national, state or local laws. Based on our knowledge of the product, its raw materials and processes employed during its manufacture, we believe it is unlikely that this product is hazardous waste for federal RCRA purposes. We recommend that you carry out your own tests and evaluations prior to discarding any materials.

**SAFE HANDLING AND STORAGE:** Frost sensitive. Do not freeze. Store in a cool dry place.

**OTHER PRECAUTIONS AND SPECIAL HAZARDOUS INFORMATION:**  
None known.

**RECOMMENDED NFPA/HMIS RATING**

**HEALTH 2**

**FLAMMABILITY 1**

**REACTIVITY 0**

**PERSONAL C PROTECTION**

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

**PRODUCT: ND730 Gasket Material**

**NOTES:**

DOT Shipping Name: Not regulated

This product contains the following hazardous Air Pollutants:  
1,4-Benzenediol (Hydroquinone) CAS#: 123-31-9 <0.001% by wt.

**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>
98-82-8	Cumene	
80-15-9	Cumene Hydroperoxide	

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 &amp; Reproductive Toxin</u>
-----------------	--------------	------------------------	---------------------	---------------------------	--

Vibra-TITE is a trademark of ND Industries, Inc.

The information contained herein is based on the data available to us and is believed to be correct. However, ND Industries®, Inc. makes no warranty, expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their properties prior to use. Since conditions of use are beyond our control, all risks are assumed by the user.