



**ND INDUSTRIES, INC.**  
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24 hr. EMERGENCY CHEMTREC:  
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PRODUCT: ND 700-1

MSDS ID: ND3075

ORIG. DATE: 03/28/2002

REV. DATE: 6/8/04

REV. DATE:

PREPARED BY: Chemical Safety

**SECTION I -Material Identification and Information H: 1 F: 1 R: 0 PPE: B**

COMPONENTS	CAS #	PERCENT %	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Modified Resin	EX-08-308/309	mixture	30-40		
Mineral filler	EX-08-73	mixture	30-40	n.e.	n.e.
Hydrocarbon Resin	EX-08-44	64741-88-4	10-20	n.e.	5 mg/m3
Blowing agent	EX-08-306	80-51-3	1-5		n.e.
Epichlorohydrin based epoxy resin	M-08-307	25036-25-3	1-5	15 mg/m3	10 mg/m3
Hydrazide	M-08-55	mixture	1-5	n.e.	n.e.
Carbonamide	M-08-306	mixture	1-5	n.e.	n.e.
Peroxide	M-08-278	80-43-3	<1	n.e	n.e

Remaining ingredients are either non-hazardous or below reportable levels

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.a.		<b>VOC :</b>
<b>VAPOR DENSITY:</b>	n.a.	air = 1	<b>DENSITY OF COATING:</b>
<b>VAPOR PRESSURE:</b>	n.a.		
<b>MELTING POINT:</b>	n.a.		
<b>SPECIFIC GRAVITY:</b>	1.35	water = 1	
<b>EVAPORATION RATE:</b>	n.a.		
<b>WATER REACTIVE:</b>	n.a.		
<b>SOLUBILITY IN WATER:</b>	Insoluble		
<b>APPEARANCE AND ODOR:</b>	Black solid with mild polymer odor.		

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

**FLASH POINT:** >430° F

**AUTOIGNITION TEMPERATURE:** Not determined

**FLAMMABILITY LIMITS % IN AIR:** LEL: n.a.

UEL: n.a.

**EXTINGUISHER MEDIA:** Fine water spray, Carbon dioxide, or foam.

**SPECIAL FIREFIGHTING PROCEDURES:**

Full emergency equipment with self-contained breathing apparatus should be worn by firefighters. Irritating and toxic gases may be generated by thermal decomposition and combustion. Watch footing on floors and stairs for possible melting and spreading.

**UNUSUAL FIRE HAZARDS AND CONDITIONS TO AVOID:**

Heavy water spray on molten material may scatter and spread fire.

# MATERIAL SAFETY DATA SHEET

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## SECTION IV - Reactivity Hazard Data

**STABILITY:**      **stable:** X                      **unstable:**  
**HAZARDOUS POLYMERIZATION:**      **may occur:**                      **will not occur:** X

**CONDITIONS TO AVOID:**      Avoid Excessive heat.

**INCOMPATIBILITY:** Avoid strong oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:**      Depending on fire condition, the ingredients may produce oxides of carbon and nitrogen.

## SECTION V - Health Hazard Data

**PRIMARY ROUTES OF ENTRY:**      **INHALATION:**                      **INGESTION:** X                      **SKIN ABSORPTION:**

**EYE CONTACT:**      Not likely to occur in product form. May cause mechanical irritation.

**FIRST AID:**      If particulate enters the eye, remove the particulate and flush with water.

**SKIN CONTACT:**      Not applicable in solid form.

**FIRST AID:**

**INHALATION:**      Not applicable in solid form.

**FIRST AID:**

**INGESTION:**      Not likely to occur in product form.

**FIRST AID:**      If swallowed, get medical attention.

**CHRONIC EFFECTS:**      Not known

**Carcinogenic:**      None of the components as present in the product are listed as carcinogenic.

# MATERIAL SAFETY DATA SHEET

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Component	Oral LD50	Dermal LD50	Inhalation LC50
Mineral filler	not determined	not determined	not determined
Modified Resin	not determined	not determined	not determined
Hydrocarbon Resin	not determined	not determined	not determined
Blowing agent	not determined	not determined	not determined
Pigment	not determined	not determined	not determined
Peroxide	not determined	not determined	not determined

## SECTION VI - Control and Protective Measures

**RESPIRATORY PROTECTION:** As supplied, not necessary.

**PROTECTIVE GLOVES:** Not essential, but desired.

**EYE PROTECTION:** Always wear safety glasses when working with material - Wear NIOSH approved safety glasses.

**VENTILATION TO BE USED:** LOCAL EXHAUST: OTHER (specify): n.a.      **MECHANICAL:**      **SPECIFIC:**

**PROTECTIVE CLOTHING AND EQUIPMENT:** As supplied, this product should not require protective clothing.

**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:

Sweep up solid material and dispose of properly.

**WASTE DISPOSAL METHODS:** Dispose of material in accordance with local, state, and federal regulations.

**SAFE HANDLING AND STORAGE:** Avoid excessive heat.

**OTHER PRECAUTIONS AND SPECIAL HAZARDOUS INFORMATION:**  
n.a.

**RECOMMENDED NFPA/HMIS RATING**

**HEALTH 1      FLAMMABILITY 1      REACTIVITY 0**  
note: ratings may differ according to application, environment, and physical state.

**PERSONAL PROTECTION B**

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**NOTES:**

DOT Shipping name: Not Regulated

### 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>
108-05-4	Vinyl acetate	0.02

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>
Cadmium		trace			
Lead		trace			

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.