



ND INDUSTRIES, INC.
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TROY, MICHIGAN 48084
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24 hr. EMERGENCY CHEMTREC:
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PRODUCT: ND 510

MSDS ID: ND3450

ORIG. DATE: 6/21/2007

REV. DATE:

REV. DATE:

PREPARED BY: Chemical Safety

SECTION I -Material Identification and Information H: 2 F: 1 R: 0 PPE: A

COMPONENTS		CAS #	PERCENT %	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Mineral Filler	EX-03-73	1317-65-3	30-50	15 mg/m ³	10 mg/m ³	Total dust
Ethylene Vinyl Acetate	EX-03-346/452	Mixture	20-40	n.e.	35 mg/m ³	
Aromatic Hydrocarbon Resin	EX-03-353	62258-49-5	1-10	n.e.	n.e.	
Synthetic Rubber	EX-03-312	26471-45-4	1-10	n.e.	n.e.	
Paraffin Wax	EX-03-352	64742-43-4	1-10	n.e.	n.e.	
Epoxy Resin	EX-03-307	25036-25-3	1-5	15 mg/m ³	10 mg/m ³	
Polymer with ethene furandione	EX-03-523	41171-14-6	1-5	n.e.	n.e.	
Azodicarbonamide	EX-03-619	123-77-3	1-5	n.e.	n.e.	
Hydrazide	EX-03-618	80-51-3	1-5	n.e.	n.e.	
Hindered Phenolic		6683-19-8	<1	15 mg/m ³	10 mg/m ³	

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

BOILING POINT:	n.a.			VOC : n.a.
VAPOR DENSITY:	n.a.	air = 1		DENSITY OF COATING: n.a.
VAPOR PRESSURE:	n.a.			
MELTING POINT:	n.a.			
SPECIFIC GRAVITY:	1.20	water = 1		
EVAPORATION RATE:	n.a.			
WATER REACTIVE:	n.a.			
SOLUBILITY IN WATER:	Insoluble			
APPEARANCE AND ODOR:	Blue solid with mild polymer odor.			

SECTION III - Fire and Explosion Hazard Data

FLASH POINT:	>430° F (221°C)
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

PRODUCT: ND 510

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. Seek medical attention if irritation develops.

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
Ethylene Vinyl Acetate	not determined	not determined	not determined
Aromatic Hydrocarbon Resin	not determined	not determined	not determined
Synthetic Rubber	not determined	not determined	not determined
Paraffin Wax	not determined	not determined	not determined
Epoxy Resin	not determined	not determined	not determined
Polymer with ethene furandione	not determined	not determined	not determined
Azodicarbonamide	not determined	not determined	not determined
Hydrazide	not determined	not determined	not determined
Hindered Phenolic	not determined	not determined	not determined

SECTION VI - Control and Protective Measures

RESPIRATORY PROTECTION: As supplied, not necessary.

PROTECTIVE GLOVES: Not essential for safe use of this product.

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

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

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 2

FLAMMABILITY 1

REACTIVITY 0

PERSONAL PROTECTION A

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

MATERIAL SAFETY DATA SHEET

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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	0.2
25036-25-3	Phenol compounds(epoxy resin)	5

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>
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