



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: ND SC013-06 (Specialty Coating 503)

MSDS ID: ND2232
ORIG. DATE: 2/16/99
REV. DATE: 6/1/04
REV. DATE: 2/19/08

PREPARED BY: Chemical Safety

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

COMPONENTS	CAS #	PERCENT %	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Deionized water	SC-00-189	7732-18-5	60-70	n.e.	n.e.
Wax emulsion	SC-00-199	trade secret	30-40	n.e.	n.e.
Isopropyl alcohol	SC-00-60	67-63-0	5-10	400 ppm	400 ppm
Poly (ethylene oxide)	SC-00-235	trade secret	1-5	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

BOILING POINT:	>212°F		VOC #/US gal. :
VAPOR DENSITY:	>1	air = 1	DENSITY OF COATING:
VAPOR PRESSURE:	= Water		
MELTING POINT:	n.a.		
SPECIFIC GRAVITY:	1.12	water = 1	
EVAPORATION RATE:	<1		n-butyl acetate = 1
WATER REACTIVE:	No		
SOLUBILITY IN WATER:	Soluble		
APPEARANCE AND ODOR:	A very low viscosity milky-white liquid with no odor.		

SECTION III - Fire and Explosion Hazard Data

FLASH POINT: >200°F
AUTOIGNITION TEMPERATURE: not available
FLAMMABILITY LIMITS % IN AIR: LEL: not available UEL: not available
EXTINGUISHER MEDIA: Use extinguishing media proper to primary cause of fire.

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear.

UNUSUAL FIRE HAZARDS AND CONDITIONS TO AVOID: None.

MATERIAL SAFETY DATA SHEET

PRODUCT: ND SC013-06 (Specialty Coating 503)

SECTION IV - Reactivity Hazard Data

STABILITY: **stable:** X **unstable:**
HAZARDOUS POLYMERIZATION: **may occur:** **will not occur:** X
CONDITIONS TO AVOID: Keep from freezing. Monomer vapors may evolve when material is heated during processing operations. Keep away from open flame.

INCOMPATIBILITY: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Irritating and/or toxic fumes may be released.

SECTION V - Health Hazard Data

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

EYE CONTACT: No signs or symptoms known to occur.

FIRST AID: Immediately flush eyes with plenty of water for 15 minutes while holding eyelids open. If irritation occurs seek medical attention.

SKIN CONTACT: No signs or symptoms known to occur.

FIRST AID: Remove contaminated clothing or shoes. wipe excess from skin and wash with soap and water.

INHALATION: No signs or symptoms known to occur.

FIRST AID: If over exposure from inhalation is thought to occur, remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention

INGESTION: No signs or symptoms known to occur.

FIRST AID: If ingested seek medical attention immediately.

CHRONIC EFFECTS: None.

Carcinogenic: No.

MATERIAL SAFETY DATA SHEET

PRODUCT: ND SC013-06 (Specialty Coating 503)

Component	Oral LD50	Dermal LD50	Inhalation LC50
Wax emulsion	n.e.	n.e.	n.e.
Isopropyl alcohol	5.8 g/kg (rat)	n.e.	n.e.
Ethylene oxide	>4000 mg/kg (rat)	5000 mg/kg (rabbit)	

SECTION VI - Control and Protective Measures

RESPIRATORY PROTECTION: None usually required. Use NIOSH approved organic respirator if TWA/TLV limits are exceeded.

PROTECTIVE GLOVES: Use chemical resistant gloves.

EYE PROTECTION: Wear safety glasses or splash proof goggles.

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

PROTECTIVE CLOTHING AND EQUIPMENT: None.

HYGIENIC WORK PRACTICES: Always practice good chemical hygiene and wash hands after using this product.

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

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:

Mop up spill with absorbent material. Place collected material in appropriate container.

WASTE DISPOSAL METHODS: Dispose of in accordance with all Local, State, and Federal regulations.

SAFE HANDLING AND STORAGE: Protect from physical damage. Store in a cool, dry, well ventilated area. Keep away from acids, alkalis, open flames and freezing temperatures.

OTHER PRECAUTIONS AND SPECIAL HAZARDOUS INFORMATION:

See above.

RECOMMENDED NFPA/HMIS RATING

HEALTH 1

FLAMMABILITY 0

REACTIVITY 0

PERSONAL PROTECTION B

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

MATERIAL SAFETY DATA SHEET

PRODUCT: ND SC013-06 (Specialty Coating 503)

NOTES:

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>
50-00-0	Formaldehyde	<0.01

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>
Formaldehyde	50-00-0	<0.01	X		
Ethylene oxide	75-21-8	<.004			X

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.