



ND INDUSTRIES, INC.
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24 hr. EMERGENCY CHEMTREC:
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PRODUCT: ND TA Series (300, 800, 850)
MSDS ID: ND3105
ORIG. DATE: 7/22/2002
REV. DATE: 1/30/06

PREPARED BY: **Chemical Safety**

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

COMPONENTS	CAS #	PERCENT %	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Dimethacrylate ester	TA-07-480	24448-20-2 40-50	n.e.	n.e.	n.e.
Organic Peroxide	TA-07-124	94-36-0 10-15	n.e.	n.e.	n.e.
N,N'-m-Phenylene Dimaleimide	TA-07-132	3006-93-7 10-15	n.e.	n.e.	n.e.
Synthetic Polymer Resin	TA-07-381	27360-07-2 1-10	15 mg/m3	10 mg/m3	Nuisance dust.
Titanium Dioxide	TA-07-62	13463-67-7 1-10	10 mg/m3	10 mg/m3	as dust
Pigments	TA-07	mixture <1	n.e.	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: 0
VAPOR DENSITY: n.a. air = 1
VAPOR PRESSURE: 0
MELTING POINT: n.a.
SPECIFIC GRAVITY: n.a. water = 1
EVAPORATION RATE: n.a.
WATER REACTIVE: no
SOLUBILITY IN WATER: not soluble
APPEARANCE AND ODOR: Cohesive malleable solid with slight toluene odor. Variable colors.

VOC #/gal. : 0.0
DENSITY OF COATING: n.a.

SECTION III - Fire and Explosion Hazard Data

FLASH POINT: n.e. Pensky-Martens Closed Cup
AUTOIGNITION TEMPERATURE: n.e.
FLAMMABILITY LIMITS % IN AIR: LEL: n.e. UEL: n.e.
EXTINGUISHER MEDIA: Dry chemical, carbon dioxide, or foam is recommended. Carbon dioxide can displace oxygen, use caution when applying carbon dioxide in confined spaces.

SPECIAL FIREFIGHTING PROCEDURES: Wear NIOSH approved self-contained breathing apparatus with full face piece operated in pressure-demand or other positive pressure mode when fighting fires. Use water spray to cool fire exposed surfaces and to protect personnel.

UNUSUAL FIRE HAZARDS AND CONDITIONS TO AVOID: Cool burning material with water. Residual vapors are heavier than air and may travel along floor to ignition sources where they could ignite, flash back or explode.

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SECTION IV - Reactivity Hazard Data

STABILITY: **stable:** X

unstable:

HAZARDOUS POLYMERIZATION:

may occur:

will not occur: X

CONDITIONS

Avoid temperatures exceeding 120°F. Avoid mixing with strong oxidizing agents, strong acids and bases.

TO AVOID:

INCOMPATIBILITY: Excessive heat, ignition sources, oxidizing agents, acids, bases, peroxides, and sodium or calcium hypochlorite.

**HAZARDOUS
DECOMPOSITION
PRODUCTS:**

Carbon dioxide, carbon monoxide, nitric oxides

SECTION V - Health Hazard Data

PRIMARY ROUTES OF ENTRY:

INHALATION: X

INGESTION: X

SKIN ABSORPTION: X

EYE CONTACT:

May be irritating to the eyes.

FIRST AID:

Flush eyes with generous amounts of water for 15 minutes lifting both upper and lower eyelids occasionally. Get medical attention.

**SKIN
CONTACT:**

May be severely irritating to the skin.

FIRST AID:

Remove contaminated clothing/shoes and wipe excess from skin. Flush skin with large amounts of water; use soap if available. If irritation occurs get medical attention. Do not reuse clothing until cleaned.

INHALATION:

Not likely to be route of exposure.

FIRST AID:

INGESTION:

Small amounts may produce irritation to mouth and throat. Large amounts may be toxic.

FIRST AID:

If swallowed, DO NOT INDUCE VOMITING. Give person two glasses of milk or water. Never give anything by mouth to an unconscious person. Get medical attention.

**CHRONIC
EFFECTS:**

None Known

Carcinogenic:

Not listed.

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Component	Oral LD50	Dermal LD50	Inhalation LC50
Dimethacrylate ester	>5000 mg/kg	not determined	not determined
Organic Peroxide	not determined	not determined	not determined
N,N'-m-Phenylene Dimaleimide	not determined	not determined	not determined
Synthetic Polymer Resin	not determined	not determined	not determined
Titanium Dioxide	not determined	not determined	not determined
Pigments	not determined	not determined	not determined

SECTION VI - Control and Protective Measures

RESPIRATORY PROTECTION: Work in a well ventilated area. Wear NIOSH approved breathing apparatus in high vapor concentration.

PROTECTIVE GLOVES: Use rubber or latex.

EYE PROTECTION: Wear NIOSH approved safety glasses.

VENTILATION TO BE USED: LOCAL EXHAUST: MECHANICAL: SPECIFIC: OTHER (specify): Work in a well ventilated area.

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

HYGIENIC WORK PRACTICES: Practice good personal hygiene and 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 material or coated fasteners and transfer to a container for proper disposal.

WASTE DISPOSAL METHODS: Dispose of material according to local, state and federal regulations.

SAFE HANDLING AND STORAGE: Store material in a cool dry place.

OTHER PRECAUTIONS AND SPECIAL HAZARDOUS INFORMATION:

None

**RECOMMENDED
NFPA/HMIS
RATING**

HEALTH 0

FLAMMABILITY 1

REACTIVITY 0

**PERSONAL
PROTECTION B**

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

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NOTES:

Proper 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>
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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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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.