

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 150012 (150) Green Wicking Grade

MSDS ID: ND2047
ORIG. DATE: 9/15/97
REV. DATE: 8/1/05
REV. DATE: 5/31/07

PREPARED BY: Chemical Safety

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

COMPONENTS		CAS #	PERCENT %	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Methacrylate monomer	NDA-10-332	25852-47-5	85-90	n.e.	n.e.	
Saccharin	NDA-10-150	81-07-2	2-5	n.e.	n.e.	
Cumene hydroperoxide	NDA-10-151	80-15-9	5-8	n.e.	n.e.	
Alkyl toluidine	NDA-10-169	613-48-9	1-5	n.e.	n.e.	
Aromatic amine	NDA-10-170	609-72-3	<1	none	none	

All ingredients are listed on the TSCA Inventory.

n.a.= not applicable / n.e.=not established

VOC #/gal.: 1.126

DENSITY OF COATING:

SECTION II -Physical and Chemical Characteristics

BOILING POINT: > 200°C

VAPOR DENSITY: Heavier than air air = 1

VAPOR PRESSURE: n.e.

MELTING POINT: n.a.

SPECIFIC GRAVITY: > 1.0 water = 1

EVAPORATION RATE: n.a.

WATER REACTIVE: No

SOLUBILITY IN WATER: Insoluble

APPEARANCE AND ODOR: Green translucent liquid with cumene odor.

SECTION III - Fire and Explosion Hazard Data

FLASH POINT: > 200°F PMCC

AUTOIGNITION TEMPERATURE: not determined

FLAMMABILITY LIMITS % IN AIR: LEL: not determined UEL: not determined

EXTINGUISHER MEDIA: Use carbon dioxide, foam, dry chemical and/or water spray.

SPECIAL FIREFIGHTING Wear a NIOSH approved self-contained breathing apparatus operated in pressure-demand or other positive

pressure when fighting fires. Sealed containers may rupture explosively if exposed to heat.

PROCEDURES:

UNUSUAL FIRE HAZARDS AND CONDITIONS TO

Combustion of product may produce oxides of carbon.

AVOID:

PRODUCT: ND150012 (150) Green Wicking Grade

SECTION IV - Reactivity Hazard Data

STABILITY: stable: χ unstable:

HAZARDOUS POLYMERIZATION: may occur: will not occur: X

CONDITIONS As supplied; avoid unintentional mixing of material with other and storage temperatures exceeding 120°F and strong

TO AVOID: oxidizing agents.

INCOMPATIBILITY: Avoid strong oxidizing agents and storage temperatures exceeding 120°F. Avoid exposure to steel or rust.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion yields oxides of carbon and possible toxic fumes.

SECTION V - Health Hazard Data

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

EYE CONTACT: A primary route of exposure that will cause eye irritation characterized by excessive tearing, redness and blinking.

May cause corneal damage.

Flush eyes with generous amounts of water for 20-30 minutes, lifting both upper and lower eyelids occasionally.

Get medical attention.

SKIN A primary route of exposure that may cause moderate skin irritation and allergic skin reaction. May cause rash.

CONTACT: redness, swelling and blistering (symptoms may be delayed)

Thoroughly wash exposed area with soap and water. If irritation develops, seek medical attention, Launder

FIRST AID: clothing before reuse.

INHALATION: Vapors generated at elevated temperatures, may cause respiratory tract irritation. Symptoms may include

coughing, mucous production and shortness of breath.

FIRST AID: If overcome by exposure, victim should be removed to fresh air immediately. Give artificial respiration as needed.

Get immediate medical attention.

INGESTION: Ingestion may cause irritation of the gastrointestinal tract and depression of the central nervous system leading to

loss of consciousness.

FIRST AID: Do no induce vomiting. Immediately seek medical attention.

CHRONIC Material or its emissions may defat skin, cause contact dermatitis and thereby aggravate existing skin or systemic

EFFECTS: diseases.

Carcinogenic: Contains saccharin which has been determined to cause cancer in laboratory animals.

ND150012 (150) Green Wicking Grade PRODUCT:

Component

Methacrylate monomer Saccharin Cumene hydroperoxide

Alkyl toluidine Aromatic amine Oral LD50

not determined not determined not determined

not determined

Dermal LD50

not determined not determined 800-1600 mg/Kg (Rat) Severe irritation (delayed) not determined not determined

Inhalation LC50

not determined not determined 700 ppm (Rat) not determined not determined

SECTION VI - Control and Protective Measures

RESPIRATORY Wear NIOSH/MSHA approved respirator. Work in a well ventilated area.

PROTECTION:

PROTECTIVE Use rubber or vinyl.

GLOVES:

EYE PROTECTION: Wear NIOSH approved safety glasses.

LOCAL EXHAUST: X MECHANICAL: VENTILATION SPECIFIC:

TO BE USED: OTHER (specify):

PROTECTIVE CLOTHING Wear impervious clothing to prevent repeated, prolonged skin contact.

AND EQUIPMENT:

Practice good personal hygiene and wash hands after handling product. HYGIENIC WORK

PRACTICES:

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

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:

Absorb loose material on inert filler and place in suitable container for proper disposal.

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

METHODS:

Avoid prolonged skin contact. Store product in a cool dry place, away from light.

SAFE HANDLING AND STORAGE:

OTHER PRECAUTIONS AND SPECIAL HAZARDOUS INFORMATION:

This material contains inhibitors which upon depletion can result in an excessive thermal reaction.

RECOMMENDED HEALTH 2 FLAMMABILITY 1 REACTIVITY 1 NFPA/HMIS

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

PERSONAL **PROTECTION**

PRODUCT: ND150012 (150) Green Wicking Grade										
NOTES: DOT Proper Ship	oping Name: Not Regulated									
	SEC notification from th same requires this a		ty Data Sheet i			ny copying	or			
This product co	ntains the following	g toxic chemica	ls subject to th			of section	313			
of the Emergen	ncy Planning and Co		-To-Know Act o <u>HEMICAL NAME</u>	of 1986 and	nd 40 CFR 372: <u>% BY WEIGHT</u>					
80-15-9 107-21-1		Cumene hydroperoxide Ethylene Glycol			5.6					
•	ntains the following m t of 1986 are recogniz			•	of the Safe Drink	king Water a	nd Toxic			
	Material	CAS #	Concentration	Cancer Agent	Reproductive Toxin	cancer agent &	Reproductive Toxin			
			/ 0	Advin	TOAIII					
	trademark of ND In ntained herein is based o						ı			
thereof. Information	anty, expressed or impli on is supplied upon the o properties prior to use.	condition that the p	ersons receiving sa	ame will mak	e their own determ	nination as to	its			
	- Special Property and Company	20			3. 0 233411100	., 40011				