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PRODUCT: ND Spatter-Nix - Green
MSDS ID: ND3411 (Applied) Male
ORIG. DATE: 9/21/2006
REV. DATE:
REV. DATE:
PREPARED BY: Chemical Safety

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

COMPONENTS		CAS #	PERCENT %	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Alkyd resin	LM-10-260	trade secret	30-50	n.e.	n.e.	
Synthetic prepolymer resin*	LM-10-138	non-haz	1-15	n.e.	n.e.	
Titanium dioxide	LM-10-62	13463-67-7	1-15	10 mg/m3	10 mg/m3	dust
Polytetrafluoroethylene*	LM-10-141	9002-84-0	1-15	0.75 ppm	0.30 ppm	
Talc	LM-10-204	14807-96-6	1-10	2.0 mg/m3	2.0mg/m3	dust

* These components are not considered hazardous substances under OSHA's Hazard Communication Standard (29 CFR 1910.1200)

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.
VAPOR DENSITY: n.a. air = 1
VAPOR PRESSURE: n.a.
MELTING POINT: n.e.
SPECIFIC GRAVITY: 1.12 water = 1
EVAPORATION RATE: n.a. n-butyl acetate = 1
WATER REACTIVE: No
SOLUBILITY IN WATER: Insoluble
APPEARANCE AND ODOR: When coated on fastener, green solid with no odor.

VOC # / gal. :
DENSITY OF COATING:

SECTION III - Fire and Explosion Hazard Data

FLASH POINT: n.a.
AUTOIGNITION TEMPERATURE: n.a.
FLAMMABILITY LIMITS % IN AIR: LEL: n.a. UEL: n.a.
EXTINGUISHER MEDIA: Use extinguishing media proper to primary cause of fire.

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. Cool fire exposed containers.

UNUSUAL FIRE HAZARDS AND CONDITIONS TO AVOID: PTFE begins to decompose slowly at temperatures above 500°F. This process is accelerated at temperatures above 750°F and is not recommended. Heating to these temperatures will result in the release of fluorocarbon gasses, primarily tetrafluoroethylene, which is acutely toxic and may be harmful or fatal.

MATERIAL SAFETY DATA SHEET

PRODUCT: ND Spatter-Nix MALE (Applied)

SECTION IV - Reactivity Hazard Data

STABILITY: **stable:** X **unstable:**

HAZARDOUS POLYMERIZATION: **may occur:** **will not occur:** X

CONDITIONS TO AVOID: None known.

INCOMPATIBILITY: None.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce oxides of carbon , oxides of nitrogen, aldehydes and acids. With extreme heat fluorocarbon gasses, primarily tetrafluoroethylene may be released.

SECTION V - Health Hazard Data

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

EYE CONTACT: Not likely to occur.

FIRST AID: If particulate enters eye, flush with clean water for 20-30 minutes. Retract eyelids often. Seek medical attention if particulate not removed.

SKIN CONTACT: No irritation is expected following skin contact.

FIRST AID: Wash areas of skin contact with soap and water.

INHALATION: Vapors at high temperatures may be harmful. Refer to notes on last page in Section VII. At temperatures below 260°C material should pose little or no hazard.

FIRST AID: Immediately remove the affected person victim to fresh air. Administer artificial respiration if breathing is stopped. Get prompt medical attention.

INGESTION: Not likely to occur.

FIRST AID:

CHRONIC EFFECTS: None.

Carcinogenic: No.

MATERIAL SAFETY DATA SHEET

PRODUCT: ND Spatter-Nix MALE (Applied)

Component	Oral LD50	Dermal LD50	Inhalation LC50
Alkyd resin	not determined	not determined	not determined
Synthetic prepolymer resin	>5.0g/kg (rat)	>5.0g/kg (rabbit)	>2500ppm 4-hr LC50 (rat)
Titanium dioxide	>24000mg/kg (rat)	>10000mg/M3 (rabbit)	>6820 mg/M3 (rabbit)
Polytetrafluoroethylene	not determined	not determined	not determined
Talc	not detrmined	200 mg/m3	11 mg/m3 (rat)

SECTION VI - Control and Protective Measures

RESPIRATORY PROTECTION: Should not be required when used in pre-applied form.

PROTECTIVE GLOVES: It is always recommended to use some type of protective glove when handling any chemical.

EYE PROTECTION: Wear safety glasses with side shields. May not be needed in pre-applied form.

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

PROTECTIVE CLOTHING AND EQUIPMENT: None required.

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 fasteners with material and place in a container for disposal.

WASTE DISPOSAL METHODS: This material as solid is not a hazardous waste and should be disposed in accordance Federal and state laws

SAFE HANDLING AND STORAGE: Keep in a cool dry place with adequate ventilation. Avoid temperatures in excess of 500 °F (260°C)

OTHER PRECAUTIONS AND SPECIAL HAZARDOUS INFORMATION:

None known.

RECOMMENDED NFPA/HMIS RATING **HEALTH 0** **FLAMMABILITY 0** **REACTIVITY 0** **PERSONAL PROTECTION B**

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

MATERIAL SAFETY DATA SHEET

PRODUCT: ND Spatter-Nix MALE (Applied)

NOTES:

DOT Proper Shipping Name:
Not regulated.

PTFE begins to decompose slowly at temperatures above 484°F (251°C). This process is accelerated at temperatures above 750°F (399°C) and is not recommended. Heating to these temperatures will result in the release of fluorocarbon gasses, primarily tetrafluoroethylene, which is acutely toxic and may be harmful. This may result in a influenza like condition called "polymer fume fever".

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:

CAS #	CHEMICAL NAME	% BY WEIGHT

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.

Material	CAS #	Concentration %	Cancer Agent	Reproductive Toxin	cancer agent & Reproductive Toxin
Formaldehyde	50-00-0	0.02	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.