



MATERIAL SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE PRODUCT AND COMPANY INFORMATION

Manufacturer: TWI
Emergency Phone: 800.255.3924
Contract #: MIS0004190

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300 W. Norton Ave.
Eustis, FL 32726
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Product Name:
NUCOAT
Product Category:
Level 5 Primers

Rev: May 25, 2011

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS#	WT %
Calcium Carbonate	1317-65-3	30-50
Mica	12001-26-2	1-10
Attapulgite Clay	12174-11-7	1-5
Kaolin Clay	92704-41-1	1-10
Ethylene Glycol	1317-65-3	1-5
Ethylene Vinyl Acetate	Proprietary Blend	5-10
Water	7732-18-5	30-50
Silica (Quartz)	14808-60-7	0-1

SECTION 3: HAZARD IDENTIFICATION

Hazardous Material Information System (HMIS) Ratings:

1	HEALTH
0	FLAMMABILITY
0	REACTIVITY
E	PROTECTIVE EQUIPMENT

E - Gloves, Respirator, Safety Glasses

0 = Minimal	1 = Slight	2 = Moderate	3 = Serious	4 = Severe
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Routes of Exposure: Inhalation of vapor or mist. Eye or skin contact with the product, vapor or mist.

Effects of Overexposure: Irritation

Signs and Symptoms of Overexposure: Redness and itching or burning may indicate eye or skin exposure.

Medical Conditions Aggravated by Exposure: None generally recognized.

SECTION 4: FIRST AID MEASURES

General Advice: Remove from exposure. When symptoms persist or in all cases of doubt seek medical advice.

Inhalation: Remove to fresh air. May cause headache and nausea.

Skin Contact: Wash with soap and water.

Eye Contact: Flush immediately with water, consult a physician.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media: Water based coating. Will not burn under normal circumstances.

Unusual Fire or Explosion Hazards: Closed containers may explode when exposed to extreme heat.

Special Fire Fighting Procedures: Water may be used to cool to prevent pressure build up.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid breathing fumes. Wear proper personal equipment.

Environmental precautions: Do not allow to enter sewers/surface or ground water.

Methods for clean up: Absorb spill with vermiculite, floor absorbent or other absorbent material.

SECTION 7: HANDLING AND STORAGE

Safe handling: Avoid breathing vapors or spray mist.

Fire prevention: The product itself does not burn.

Storage: Keep container closed in a dry well ventilated place.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	CAS#	OSHA PEL	ACGIH TLV	WT %
Calcium Carbonate	1317-65-3	15mg/m3	10mg/m3	30-50
Mica	12001-26-2	20mppcf	2mg/m3	1-10
Kaolin Clay	92704-41-1	15mg/3	2mg/3	1-10
Ethylene Glycol	1317-65-3	50ppm	50ppm	1-5
Silica (Quartz)	14808-60-7	10mg/m3 %Si+2	0.025 mg/m3	0-1

Personal protective equipment.

Respiratory protection: Whenever workers are in concentrations above the exposure limit they must use appropriate NIOSH/MSHA approved respirators.

Skin protection: Wear impervious gloves and apron to prevent skin contact.

Eye/Face protection: Use splash-proof safety goggles or face shield.

Other: Eyewash station and safety shower should be available within the workplace.

Engineering Controls: Local exhaust preferable. General exhaust is acceptable if maintained below applicable exposure limits.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid

Color: White or tinted

Boiling point: 100C

Flammability: Will not burn

Solubility: Insoluble

VOC content: (total g/l less H2O) <50 g/l

Odor: Little or no odor

pH: 9.0 - 10.5

Freezing point: 0C

Relative density: 1.3 - 1.7

Vapor density: Lighter than air

SECTION 10: STABILITY AND REACTIVITY

Materials to avoid: None

Hazardous Reactions: Stable

Hazardous Polymerization: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Effects: None known.

Crystalline Silica: Exposures to respirable crystalline silica are not expected during normal use of this product. Prolonged and repeated exposure to airborne free respirable crystalline silica can result in lung disease (silicosis) and/or lung cancer. The risk of developing silicosis is dependent upon the exposure intensity and duration.

SECTION 12: ECOLOGICAL INFORMATION

Ecological effects: This product has no known adverse ecological effects.

SECTION 13: DISPOSAL CONSIDERATIONS

Collect and dispose of in accordance with all local, state, and federal laws.
Do not contaminate ground water or environment.
Recycle empty buckets or bags.

SECTION 14: TRANSPORT INFORMATION

Non - regulated, not classified as dangerous.

SECTION 15: REGULATORY INFORMATION

Observe the general safety regulations when handling.

SARA 313 Not considered hazardous.
EPCRA 302 Not considered hazardous.
EPCRA 304 Not considered hazardous.
RCRA Hazardous Waste: Not Listed

SECTION 16: OTHER INFORMATION

For industrial use only. This product is not intended for use in food or pharmaceuticals.

The information provided in this Safety Data Sheet is, to the best of our knowledge, correct. The data set forth on this sheet is based on information provided by the suppliers of the raw materials and chemicals used in the production and manufacture of the aforementioned products. TWI makes no warranty with respect to the accuracy of the information provided by the suppliers, and disclaims all liability or reliance thereof. Buyer assumes all risk of use, storage and handling of the product in accordance with federal, state and local laws and regulations.

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Rev: May 25, 2011.