

# MATERIAL SAFETY DATA SHEET

## NOBLEBOND 21

### 1. Product Identification

Date Prepared: 5/01/10

Trade Name NOBLEBOND 21

Manufacturer's Name THE NOBLE COMPANY

Address 7300 Enterprise Drive  
Spring Lake, MI 49456

Emergency Telephone Number (231) 799-8000

Telephone Number for Information (231) 799-8000

#### HAZARD RATING

0= Minimal      3= Serious  
1= Slight        4= Severe  
2= Moderate

HEALTH : 0  
FIRE : 0  
REACTIVITY : 0

### 2. Hazardous Ingredients

CAS Numbers Percent	Exposure Limits In Air	ACGIH(TLV)	OSHA(PEL)
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None as per OSHA Regulation: 29 CFR 1910.1200

The following chemicals are on the SARA Title III Section 313 Hazardous Chemical List: NONE

### 3. Physical Properties

VAPOR DENSITY (AIR = 1)  
Greater than 1 Boiling Point: 212°F

SOLUBILITY IN WATER  
Miscible Specific gravity: 1.0

VAPOR PRESSURE (mmHg at 20c)  
Same as water pH: 9-10

EVAPORATION RATE (nBuAc=1)  
Same as water

APPEARANCE & ODOR  
Cream colored paste; slight odor

PERCENT VOLATILE  
45-50% by weight (water)

VOC CALCULATED  
(Material) 0 grams/liter (Coating) 0 grams/liter

**4. Fire and Explosion Data**

**Flash Point (Method Used)**

Pensky-Martens C.C.: NA

**Autoignition Temperature**

F: NA

**Flammable Limits in Air**

Volume %: Lower-NA Upper-NA

**Fire Extinguishing Materials**

Water Spray  Carbon Dioxide  Other  
 Foam  Dry Chemical

**Special Firefighting Procedures**

Wear self-contained breathing apparatus

**Unusual Fire and Explosion Hazards**

NONE KNOWN

**5. Health Hazard Information**

*SYMPTOMS OF OVEREXPOSURE*

**INHALATION**

May cause slight irritation to upper respiratory tract.

**EYES**

May cause slight transient (temporary) eye irritation.

**SKIN**

May cause slight irritation.

**INGESTION**

Not a likely route of entry under proper handling conditions. May cause vomiting. Symptoms may be the same as inhalation.

*HEALTH EFFECTS OR RISKS FROM EXPOSURE*

**ACUTE**

May cause mild skin irritation, irritation of respiratory tract.

**CHRONIC**

None known

*FIRST AID: EMERGENCY PROCEDURES*

**EYE CONTACT**

Flush with water for at least 15 minutes. If irritation persists, seek medical attention.

**SKIN CONTACT**

Wash with soap and water. If irritation persists, see a physician.

**INHALATION**

Remove to fresh air, administer oxygen and if necessary, seek medical attention.

**INGESTION**

Not a likely route of entry under proper handling conditions. Seek medical attention if necessary.

*SUSPECTED CANCER AGENT*

NO:

YES:  Federal OSHA:  NTP:  IARC:  Cal/OSHA

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE**  
 NONE KNOWN

6. Reactivity Data
<p><b>STABILITY:</b>    <u>  X  </u>    Stable                        _____    Unstable</p>
<p><b>Conditions to Avoid</b> Protect from freezing</p>
<p><b>Incompatibility (Materials to Avoid)</b> Oxidizing materials</p>
<p><b>HAZARDOUS DECOMPOSITION PRODUCTS</b> (Including Combustion Products)</p> <p>Oxides of carbon, water and organic compounds of unknown structure.</p>
<p><b>HAZARDOUS POLYMERIZATION</b> Does Not Occur</p>
<p><b>CONDITIONS TO AVOID</b> None known</p> <p><b>CORROSIVE TO METAL</b> No Oxidizer: No</p>
7. Special Handling Information
<p><b>VENTILATION AND ENGINEERING CONTROLS</b> Use local exhaust. Do not use closed air circulating system. Open and close doors if necessary.</p>
<p><b>D.O.T. Placards Required (CFR172.504)</b> None</p>
<p><b>Poison Constituent (49CFR172.203(K))</b> None</p>
<p><b>Bill of Lading Description</b> Adhesive Cement N.O.T.</p>
<p><b>UN/NA Code</b> N/A</p>

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