MSDS - Material Safety Data Sheet

Product Name: FLEX-BOND

MSDS No.: 562

I. Basic Information:

Manufacturer: U.N.X. INCORPORATED
Address: 707 ARLINGTON BLVD.
City, ST Zip: GREENVILLE, NC 27858
Emergency Contact: CHEMTEL
Emergency Telephone Number: 800-255-3924
Contact: AMENDT; WILSON
Information Telephone Number: 252-756-8616

Last Update: 05/30/2002
Expiration Date:

Chemical State: ☑ Solid
Chemical Type: ☑ Mixture

II. Ingredients:

Trade Secret

CAS No. Chemical Name % Range EHS IARC SARA 313 OSHA PEL ACGIH TLV Other Limits
9005258 Starch 90-100

III. Hazardous Identification:

Hazard Category:

Acute ☑ Chronic ☑ Fire ☑ Pressure ☑ Reactive ☑

Hazardous Identification Information:

IV. First Aid Measures:

Route(s) of Entry:
SKIN, EYES, INHALATION

Health Hazards (Acute and Chronic):
INHALATION, CAN IRRITATE NOSE, THROAT, AND LUNGS.
SKIN CONTACT, CAN DRY SKIN.

Signs and Symptoms:
INHALATION, CAN IRRITATE NOSE, THROAT, AND LUNGS.
SKIN CONTACT, CAN DRY SKIN.

Medical Conditions Generally Aggravated by Exposure:

Emergency and First Aid Procedures:
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FOR EYES: FLUSH WITH WATER.
FOR SKIN: WASH WITH WATER.
INHALATION: REMOVE TO FRESH AIR.

Other Health Warnings:

V. Fire Fighting Measures:

Flash Point: N/A          Lower Explosive Limit: -          Upper Explosive Limit: -

F.P. Method: -

Fire Extinguishing Media: NON-FLAMMABLE/NON-COMBUSTIBLE

Special Fire Fighting Procedures:

NONE

Unusual Fire and Explosion:

LOWER LIMITS EXPLOSION CONDITION (PER U.S. BUREAU OF MINES) MINIMUM CONCENTRATION: 0.04-0.055oz/CUBIC FOOT. MINIMUM IGNITION ENERGY: 0.03-0.06 joule. IGNITION TEMPERATURE: 380-420ºC

VI. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:

FOR SMALL SPILL, HOSE DOWN WITH COOL WATER AND DISPOSE TO DRAIN.
FOR LARGE SPILL, COLLECT AND DISPOSE OF IN AN APPROPRIATE MANNER. REMEMBER, ALWAYS CONTACT LOCAL AUTHORITIES ABOUT DISPOSAL PROCEDURES, EVEN WITH A NON-HAZARDOUS MATERIAL.

VII. Handling and Storage:

Precautions to be Taken:

STORE IN A DRY PLACE. MINIMIZE DUSTING.

Other Precautions:

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

AVOID BREATHING DUST. IF EXPOSURE LIKELY, USE FILTER OR DUST TYPE RESPIRATOR.
MECHANICAL VENTILATION IS ACCEPTABLE.

Personal Protective Equipment:

HAVE AN EYE BATH AND SAFETY SHOWER CLOSE BY.
WASH HANDS, CHANGE OUT OF CLOTHES AS SOON AS POSSIBLE. WASH CLOTHES. SHOWER OR BATHE AS SOON AS POSSIBLE.
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**IX. Physical and Chemical Properties:**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Melting Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Evaporation Rate (Butyl Acetate = 1)</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg.)</td>
<td>N/A</td>
</tr>
<tr>
<td>Specific Gravity (H2O = 1)</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Density (AIR = 1)</td>
<td>N/A</td>
</tr>
<tr>
<td>Solubility In Water</td>
<td>DISPERSIBLE</td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>CREAM POWDER, LIGHT FRAGRANCE</td>
</tr>
</tbody>
</table>

**Other Information:**

- THIS PRODUCT CONTAINS NO PHOSPHATES
- LAUNDRY STARCH

**X. Stability and Reactivity:**

**Stability:**

VERY STABLE

**Incompatibility (Materials to Avoid):**

EXTREME DUSTING AND SPARKS.

**Decomposition/By Products:**

HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

**XI. Toxicological Information:**

CONTACT U.N.X. INCORPORATED

**XII. Ecological Information:**

CONTACT U.N.X. INCORPORATED

**XIII. Disposal Considerations:**

FOR SMALL SPILL, HOSE DOWN WITH COOL WATER AND DISPOSE TO DRAIN.
FOR LARGE SPILL, COLLECT AND DISPOSE OF IN AN APPROPRIATE MANNER. REMEMBER, ALWAYS CONTACT LOCAL AUTHORITIES ABOUT DISPOSAL PROCEDURES, EVEN WITH A NON-HAZARDOUS MATERIAL.

**XIV. Transport Information:**

NOT DOT REGULATED

**XV. Regulatory Information:**

UNLESS OTHERWISE NOTED, NO COMPONENTS ARE SARA TITLE 3 SECTION 313 40 CFR LISTED MATERIALS.
THE INGREDIENTS OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY.
THIS PRODUCT IS NOT MADE WITH VOC’S THAT COULD CAUSE DAMAGE TO THE OZONE LAYER.

**XVI. Other Information:**
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