Safety Data Sheet (SDS)

Material Name: FiberCorr

*** Section 1 - Chemical Product and Company Identification ***

Manufacturer Information
Nudo
1500 Taylor Avenue
Springfield, IL 62703

Phone: 217-528-5636
Fax: 217-528-8722

*** Section 2 - Hazards Identification ***

Emergency Overview
No specific hazards anticipated from normal product handling. Dust and other particulates generated during cutting, shaping, or forming may cause eye, skin, and respiratory tract irritation.

Potential Health Effects: Eyes
Dusts and particulates may cause eye irritation.

Potential Health Effects: Skin
Dusts and particulates may cause skin irritation.

Potential Health Effects: Ingestion
Not a likely route of exposure under normal product use conditions.

Potential Health Effects: Inhalation
Dusts and particulates may cause respiratory tract irritation.

HMIS Ratings: Health: 1 Fire: 0 HMIS Reactivity 0
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

*** Section 3 - Composition / Information on Ingredients ***

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Component</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Available</td>
<td>Fiberglass Panel</td>
</tr>
<tr>
<td>Trade Secret</td>
<td>Polypropylene Copolymer</td>
</tr>
<tr>
<td>9016-87-9</td>
<td>Polymethylene polyphenylene isocyanate</td>
</tr>
<tr>
<td>101-68-8</td>
<td>Methylene bis(phenylisocyanate)</td>
</tr>
<tr>
<td>26447-40-5</td>
<td>1,1'-Methylenebis(isocyanato-)benzene</td>
</tr>
<tr>
<td>7631-86-9</td>
<td>Silica, amorphous</td>
</tr>
</tbody>
</table>

*** Section 4 - First Aid Measures ***

First Aid: Eyes
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Eye injuries from glass particles should be treated by a physician immediately.

First Aid: Skin
For skin contact flush with large amounts of water. If irritation persists, get medical attention.

First Aid: Ingestion
If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting.

First Aid: Inhalation
Move person to non-contaminated air. If the affected person is not breathing, apply artificial respiration.

*** Section 5 - Fire Fighting Measures ***

General Fire Hazards
See Section 9 for Flammability Properties.
None anticipated.

Hazardous Combustion Products
Not Determined

Extinguishing Media
Use appropriate extinguishing media suitable for surrounding fire.

Fire Fighting Equipment/Instructions
Firefighters should wear full protective gear.
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NFPA Ratings: Health: 1 Fire: 0 Reactivity: 0
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

** * * Section 9 - Physical & Chemical Properties * * *

Containment Procedures
None necessary.

Clean-Up Procedures
No special cleanup procedures needed.

Evacuation Procedures
None

Special Procedures
None

** * * Section 6 - Accidental Release Measures * * *

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Handling Procedures
Avoid dust generation.

Storage Procedures
No special storage procedures needed.

** * * Section 7 - Handling and Storage * * *

A: Component Exposure Limits
Methylene bis(phenylisocyanate) (101-68-8)
ACGIH: 0.005 ppm TWA
OSHA: 0.02 ppm Ceiling; 0.2 mg/m3 Ceiling
NIOSH: 0.005 ppm TWA; 0.05 mg/m3 TWA
0.020 ppm Ceiling (10 min); 0.2 mg/m3 Ceiling (10 min)

Silica, amorphous (7631-86-9)
NIOSH: 6 mg/m3 TWA

Engineering Controls
Ventilation is not normally required.

PERSONAL PROTECTIVE EQUIPMENT
Personal Protective Equipment: Eyes/Free
Wear dust goggles.

Personal Protective Equipment: Skin
None necessary.

Personal Protective Equipment: Respiratory
Not normally needed.

Personal Protective Equipment: General
None

** * * Section 8 - Exposure Controls / Personal Protection * * *

No special storage procedures needed.

ACGIH: 0.005 ppm TWA
OSHA: 0.02 ppm Ceiling; 0.2 mg/m3 Ceiling
NIOSH: 0.005 ppm TWA; 0.05 mg/m3 TWA
0.020 ppm Ceiling (10 min); 0.2 mg/m3 Ceiling (10 min)

** * * Section 9 - Physical & Chemical Properties * * *

Appearance: Multi-colored
Physical State: Solid
Vapor Pressure: ND
Boiling Point: ND
Solubility (H2O): ND
Evaporation Rate: NA
Octanol/H2O Coeff.: ND
Flash Point Method: ND
Lower Flammability Limit (LFL): ND
Auto Ignition: ND
Odor: None
pH: NA
Vapor Density: ND
Melting Point: ND
Specific Gravity: ND
VOC: ND
Flash Point: ND
Upper Flammability Limit (UFL): ND
Burning Rate: ND
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*** Section 10 - Chemical Stability & Reactivity Information ***

Chemical Stability
This is a stable material.

Chemical Stability: Conditions to Avoid
Avoid dust generation.

Incompatibility
Not Determined

Hazardous Decomposition
Not Determined

Possibility of Hazardous Reactions
Will not occur.

*** Section 11 - Toxicological Information ***

Acute Dose Effects
A: General Product Information
No information available for the product.

B: Component Analysis - LD50/LC50

Methylene bis(phenylisocyanate) (101-68-8)
Oral LD50 Rat 9200 mg/kg

Polyethylene polyphenylene isocyanate (9016-87-9)
Inhalation LC50 Rat 490 mg/m3 4 h; Oral LD50 Rat 49 g/kg; Dermal LD50 Rabbit >9400 mg/kg

1,1’-Methylenebis (isocyanato-) benzene (26447-40-5)
Inhalation LC50 Rat 0.369 mg/L 4 h; Oral LD50 Rat >7400 mg/kg; Dermal LD50 Rabbit >6200 mg/kg

Silica, amorphous (7631-86-9)
Oral LD50 Rat >5000 mg/kg; Inhalation LC50 Rat >2.2 mg/L 1 h; Dermal LD50 Rabbit >2000 mg/kg

Carcinogenicity
A: General Product Information
No information available for the product.

B: Component Carcinogenicity

Methylene bis(phenylisocyanate) (101-68-8)
IARC: Monograph 71 [1999]; Supplement 7 [1987]; Monograph 19 [1979] (Group 3 (not classifiable))

Polyethylene polyphenylene isocyanate (9016-87-9)
IARC: Supplement 7 [1987]; Monograph 19 [1979] (Group 3 (not classifiable))

1,1’-Methylenebis (isocyanato-) benzene (26447-40-5)
IARC: Monograph 71 [1999]; Supplement 7 [1987]; Monograph 19 [1979] (Group 3 (not classifiable))

Silica, amorphous (7631-86-9)
IARC: Monograph 68 [1997]; Supplement 7 [1987] (Group 3 (not classifiable))

*** Section 12 - Ecological Information ***

Ecotoxicity
A: General Product Information
No information available for the product.

B: Component Analysis - Ecotoxicity - Aquatic Toxicity

1,1’-Methylenebis (isocyanato-) benzene (26447-40-5)

Test & Species  Conditions

96 Hr EC50 Skeletonema costatum  3230 mg/L
24 Hr EC50 Daphnia magna  >1000 mg/L
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**Silica, amorphous (7631-86-9)**

**Test & Species**

- 96 Hr LC50 Brachydanio rerio: 5000 mg/L [static]
- 72 Hr EC50 Pseudokirchneriella subcapitata: 440 mg/L
- 48 Hr EC50 Ceriodaphnia dubia: 7600 mg/L

***Section 13 - Disposal Considerations***

**US EPA Waste Number & Descriptions**

**Component Waste Numbers**
No EPA Waste Numbers are applicable for this product’s components.

**Disposal Instructions**
Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

***Section 14 - Transportation Information***

**US DOT Information**
- **Shipping Name:** Not Regulated

**TDG Information**
- **Shipping Name:** Not Regulated

***Section 15 - Regulatory Information***

**US Federal Regulations**

**Component Analysis**
This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) and/or CERCLA (40 CFR 302.4).

- **Methylene bis(phenylisocyanate) (101-68-8)**
  - CERCLA: 5000 lb final RQ; 2270 kg final RQ

**State Regulations**

**Component Analysis - State**
The following components appear on one or more of the following state hazardous substances lists:

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>CA</th>
<th>MA</th>
<th>MN</th>
<th>NJ</th>
<th>PA</th>
<th>RI</th>
</tr>
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<tbody>
<tr>
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<td>Yes</td>
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<td>No</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

**Component Analysis - WHMIS IDL**
The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>Minimum Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methylene bis(phenylisocyanate)</td>
<td>101-68-8</td>
<td>0.1 %</td>
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</table>

**Additional Regulatory Information**

**Component Analysis - Inventory**

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>TSCA</th>
<th>CAN</th>
<th>EEC</th>
</tr>
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<tbody>
<tr>
<td>Methylene bis(phenylisocyanate)</td>
<td>101-68-8</td>
<td>Yes</td>
<td>DSL</td>
<td>EINECS</td>
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US. California Proposition 65
WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects and other reproductive harm.

US – California Proposition 65 – Carcinogens & Reproductive Toxicity (CRT): Listed substance
Styrene Cancer 100-42-5
Benzene Cancer 71-43-2
Benzene Developmental - Male 71-43-2
Silica, Crystalline Cancer
Toluene Developmental 108-88-3

*** Section 16 - Other Information ***
Other Information
The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

Key/Legend
EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.

End of Sheet