

**Material Safety Data Sheet**

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

**U.S. Department of Labor**

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

|   |   |
|---|---|
| <b>IDENTITY (as Used on Label and List)</b><br><b>Chopped Glass Strands</b> | <i>Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.</i> |
|---|---|

|   |  |
|---|--|
| <b>Section I</b>  |  |
| Manufacturer's name <b>Nycon</b>  | Emergency Telephone Number <b>401-596-3955</b>   |
| Address (Number, Street, City, State and ZIP Code)<br><b>101 Cross St.<br/>Westerly, RI 02891</b> | Telephone Number for Information <b>401-596-3955</b><br>Date Prepared <b>June 29, 2004</b> |
|   | Signature of Preparer (optional)   |

| <b>Section II—Hazardous Ingredients/Identify Information</b>      |          |           |                          |              |
|---|----------|-----------|--------------------------|--------------|
| Hazardous Components (Specific Chemical Identity, Common Name(s)) | OSHA PEL | ACGIH TLV | Other Limits Recommended | % (optional) |
| SiO <sub>2</sub> : 57± 0.8 %                                      |          |           |                          |              |
| ZrO <sub>2</sub> : 16.5+0.5/-0.2%                                 |          |           |                          |              |
| TiO <sub>2</sub> : 5±0.5%   |          |           |                          |              |
| CaO: 4.5±0.5%   |          |           |                          |              |
| Na <sub>2</sub> O: 13±0.5%  |          |           |                          |              |
| K <sub>2</sub> O: 2.5±0.3%  |          |           |                          |              |
| Al <sub>2</sub> O <sub>3</sub> : <1.0 %                           |          |           |                          |              |
| Fe <sub>2</sub> O <sub>3</sub> : <0.5%                            |          |           |                          |              |
| Binder: Acrylic   |          |           |                          |              |

|  |   |   |               |
|--|---|---|---------------|
| <b>Section III—Physical/Chemical Characteristics</b> |   |   |               |
| Boiling Point  | Not determined                                | Specific Gravity (H <sub>2</sub> O = 1) | Variable      |
| Vapor Pressure (mm Hg)                               | N/A   | Melting Point                           | 704 degrees C |
| Vapor Density (AIR = 1)                              | N/A   | Evaporation Rate (Butyl Acetate = 1)    | N/A           |
| Solubility in Water                                  | Insoluble                                     |   |               |
| Appearance and Odor                                  | White fiberglass in bulk, no significant odor |   |               |

|  |  |                  |                     |
|--|--|------------------|---------------------|
| <b>Section IV—Fire and Explosion Hazard Data</b> |  |                  |                     |
| Flash Point (Method Used)                        | N/A  | Flammable Limits | N/A LEL N/A UEL N/A |
| Extinguishing Media                              | Use normal fire fighting procedures to prevent inhalation of smoke and gases |                  |                     |
| Special Fire Fighting Procedures                 | N/A  |                  |                     |
| Unusual Fire and Explosion Hazards               | N/A  |                  |                     |

| Section V—Reactivity Data   |   |                      |                         |
|---|---|----------------------|-------------------------|
| Stability   | Unstable  |                      | Conditions to Avoid     |
|   | Stable  | X                    | None                    |
| Incompatibility (Materials to Avoid) N/A  |   |                      |                         |
| Hazardous Decomposition or Byproducts N/A   |   |                      |                         |
| Hazardous Polymerization  | May Occur   |                      | Conditions to Avoid     |
|   | Will Not Occur  | X                    | None                    |
| Section VI—Health Hazard Data   |   |                      |                         |
| Route(s) of Entry   | Inhalation? Yes   | Skin? Yes            | Ingestion? Not probable |
| Health Hazards (Acute and Chronic) No significant hazard associated with this material.   |   |                      |                         |
| Carcinogenicity N/A   | NTP? N/A  | IARC Monographs? N/A | OSHA Regulated? N/A     |
| Signs and Symptoms of Exposure Inhalation of excessive amounts of dust from the product may cause temporary upper respiratory irritation and/or congestion.   |   |                      |                         |
| Eyes: Dust particles may cause the eye to be scratched.   |   |                      |                         |
| Medical Conditions Generally Aggravated by Exposure N/A   |   |                      |                         |
| Emergency and First Aid Procedures Inhalation: remove to fresh air. Skin: gently wash affected area with soap and warm water  |   |                      |                         |
| Ingestion: Rinse mouth with water to remove fibers, drink plenty of water to reduce the irritation. No chronic effects are expected following ingestion. Eyes: Do not rub or scratch eyes, flush eyes with large amounts of water for 5-15 minutes. |   |                      |                         |
| Section VII—Precautions for Safe Handling and Use   |   |                      |                         |
| Steps to Be Taken in Case Material Is Released or Spilled Collect fiber and place in a container for reuse, recycle, or disposal.   |   |                      |                         |
| Waste Disposal Method Dispose of or recycle in accordance with local, state, and federal regulations.   |   |                      |                         |
| Precautions to Be Taken in Handling and Storing Materials should be kept dry, and kept from the elements.   |   |                      |                         |
| Other Precautions N/A   |   |                      |                         |
| Section VII—Control Measures  |   |                      |                         |
| Respiratory Protection (Specify Type) N/A   |   |                      |                         |
| Ventilation   | Local Exhaust Recommended   | Special N/A          |                         |
|   | Mechanical (General) Recommended  | Other N/A            |                         |
| Protective Gloves Recommended   | Eye Protection Avoid contact in accordance with good industrial practice. |                      |                         |
| Other Protective Clothing or Equipment N/A  |   |                      |                         |
| Work/Hygienic Practices N/A   |   |                      |                         |