

# MATERIAL SAFETY DATA SHEET

## NYLATRON

|   |  |
|---|--|
| EFFECTIVE DATE                                    | May 15, 1986   |
| REVISED DATE                                      | April 15, 2011   |
| TRADE NAME  | Nylatron   |
| CHEMICAL FAMILY                                   | Polyamide  |
| CHEMICAL FORMUA                                   |  |
| <b>SECTION II - HAZARDOUS INGREDIENTS</b>         |  |
| HAZARDOUS COMPONENTS                              | No Hazardous Ingredients   |
| <b>SECTION III - PHYSICAL DATA</b>                |  |
| BOILING POINT (F)                                 |  |
| FREEZING POINT (F)                                |  |
| VOLATILITY / VOLUME (%)                           | <1.0%  |
| MELTING POINT                                     | 254°-263°C or 489°-505°F   |
| VAPOR PRESSURE (mmHg)                             | 20°C mmHG <0.001   |
| VAPOR DENSITY (Air=1)                             |  |
| SOLUBILITY IN H2O                                 | Insoluble  |
| APPEARANCE / ODOR                                 | Solid, dark gray in color and odorless   |
| SPECIFIC GRAVITY (H2O=1)                          | 1.14   |
| ACIDITY   |  |
| <b>SECTION IV- FIRE AND EXPLOSION HAZARD DATA</b> |  |
| FLASH POINT                                       | 325°C or 617°F   |
| LOWER FLAME POINT                                 |  |
| HIGHER FLAME POINT                                |  |
| EXTINGUISH MEDIA FOR FIRE                         | Dry chemical, carbon dioxide, foam or water<br>Wear NIOSH listed positive pressure self-contained breathing apparatus. Avoid breathing fumes.<br>Remove product from fire area, if possible, to avoid degradation. |
| UNUSUAL FIRE HAZARD                               | Products of combustion maybe toxic   |
| <b>SECTION V- HEALTH HAZARD DATA</b>              |  |
| HEALTH HAZARD                                     |  |
| THRESHOLD LIMIT VALUE OVER EXPOSURE EFFECTS       | None   |
| <b>SECTION VI - REACTIVITY DATA</b>               |  |
| CHEMICAL STABILITY                                | Stable   |
| CONDITIONS TO AVOID                               | Heating above 433°F  |



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| <b>SECTION VI - REACTIVITY DATA - CONTINUED</b> |   |
| INCOMPATIBLE MATERIALS                          | Strong acids and oxidizing agents   |
| DECOMPOSITION PRODUCTS                          | Amonia, oxides of carbon, nitrogen, hydrogen bromide, styrens   |
| HAZARDOUS POLYMERIZATIONS                       | Will not occur  |
| POLYMERIZATION AVOID                            |   |
| <b>SECTION VII - SPILL OR LEAK PROCEDURE</b>    |   |
| FOR SPILL                                       | Shovel or sweep up  |
| WASTE DISPOSAL METHOD                           | Dispose in a suitable landfill in accordance with local, state and federal guidelines or incineration               |
| <b>SPECIAL VIII - SPRECIAL PTOTECTION</b>       |   |
| RESPIRATORY PROTECTION                          | Under normal processing conditions none is required   |
| VENTILATION                                     | Sufficient general area ventilation to stay below regulated exposure limits for dust durning maching or fabrication |
| PROTECTIVE GLOVES                               |   |
| EYE PROTECTION                                  | Safety glasses are recommended when processing  |
| OTHER PROTECTIVE EQUIPMENT                      |   |
| HANDLING AND STORAGE                            | Keep away from sparks and open flames. Avoid contact with eyes. Wash thoroughly after handling.                     |
| <b>SECTION IX - SPECIAL PRECAUTIONS</b>         |   |
| HAZARD CLASS                                    |   |
| DOT SHIPPING NAME                               |   |
| REPORTABLE QUANTITY (RQ)                        |   |
| UN NUMBER NA#                                   |   |
| NA#   |   |
| PACKAGING SIZE                                  |   |

**Notes:**

All information recommendations and suggestions appearing herein concerning this product are based upon data obtained from the manufacturer and/or recognized technical sources. It is the user's responsibility to determine the Safety, Toxicity and suitability of his/her own use, handling and disposal request. Since actual use by others is beyond our control, no warranty, expresses or implied, is made by Polymer Plastics Company L.C. as to effects of such use. The results to be obtained or the safety and toxicity of the product,, nor does Polymer Plastics Company L.C. assume any liability arising out of use by others of the product referred to herein. The data in this MSDS relate only to the specific material designated herein and do not relate to use in combination with any other material or in any other process.

**REFERENCES:** N/A = Not Applicable, N/D = Not Determined, N.D.A. = No Date Available



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