

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT INFORMATION

Supplier Name

The Mill-Rose Company
7310 Corporate Blvd.
Mentor, OH 44060
(800) 321-3598

Emergency Telephone No.

(800) 321-3598

Date Prepared: April 2007

Replaces: June 2003

Product

Pyron, Oxidized/Stabilized Polyacrylonitrile Fiber

Trade Names and Synonyms

Torch Guard™

SECTION 2 - OSHA REGULATED COMPONENTS

Component - Pyron

CAS. NO. - 308060-39-1

% - No permissible exposure limits (PEL/TLV) have been established by OSHA or ACGIH

TWA/CEILING - N/A

REFERENCE - N/A

SECTION 3 - HAZARD RATING (PHYSICAL/CHEMICAL CHARACTERISTICS)

Boiling Point (degrees F) - N/A

Melting Point - N/A

Solubility in Water - Insoluble

Evaporation Rate (Butyl Acetate=1) - N/A

Specific Gravity Range (H₂O=1) - Greater than or equal to 1.35 g/cc

Vapor Pressure (mm Hg) - N/A

Vapor Density - N/A

Appearance and Odor - Black, odorless fiber

SECTION 4 - FIRE AND EXPLOSION DATA

Flash Point - N/A

Flammable Limits - N/A

Extinguishing Media - Normal Fire fighting Procedures

Special Fire Fighting Procedures - Self-contained breathing apparatus and protective clothing

Unusual Fire and Explosion Hazards - Pyron is inherently flame resistant. Exposure to flame will produce low levels of HCN, NH₃, CO, CO₂ and Acrylonitrile.

SECTION 5 - REACTIVITY DATA

Stability - Stable

Incompatible Material - None

Conditions to Avoid - Oxidation reaction may occur when exposed to air at temperatures above 500°F generating low levels of HCN, NH₃, CO, CO₂ and Acrylonitrile.

Hazardous Decomposition or By Products - None generated under normal storage or handling conditions. Low levels of HCN, NH₃, CO, CO₂ and Acrylonitrile with exposure to flame.

Hazardous Polymerization - Will not occur

SECTION 6 - HEALTH HAZARD DATA**Routes of Entry:**

Inhalation - In some cases. See section 7.

Skin - No

Ingestion - No

Eyes - No

Carcinogenicity - No

Health Hazard - None known

Signs and Symptoms of Exposure - None

Medical Conditions Generally Aggravated by Exposure - None known

Emergency and First Aid Procedures - Wash with soap and water

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled - No special procedures required

Waste Disposal Method - Sanitary landfill sites - industrially approved. Consult local, state, and federal agencies prior to disposal of this material.

Precautions to be Take in Handling and Storing - None

Other Precautions - None

SECTION 8 - CONTROL MEASURES

Respiratory Protection - Normal industrial hygiene practices (dust mask)

Ventilation - Normal industrial hygiene practices (local exhaust for air born materials)

Protective Gloves - Normal industrial hygiene practices (gloves if desired)

Eye Protection - Safety glasses

Other Protective Clothing or Equipment - None

Work/Hygiene Practices - Normal industrial hygiene practices; gloves (tyvek) and NIOSH approved nuisance dust masks. Before eating, drinking or smoking, wash hands and face thoroughly with soap and water.

SECTION 9 - DOT SHIPPING INFORMATION

Proper Shipping Name - Not applicable/Not regulated

Hazard Class - N/A

UN/NA - N/A

DOT Hazardous Substances (reportable quantity of product) - N/A

DOT Label Required - N/A

SECTION 10 - TSCA INFORMATION

This product is manufactured in compliance with all provisions of the Toxic Substances Control Act, 15 USC

SECTION 11 - ENVIRONMENTAL INFORMATION

The following components are defined as toxic chemicals subject to reporting requirements of Section 313 of Title III and of 40 CFR 372 or subject to other EPA regulations.

SARA TITLE III:

Component - This product does not contain any components regulated under these sections of the EPA.

CAS NO. - % - TPQ (lbs) RQ (lbs) - S313 - RCRA - TSCA 12B

Product Classification under Section 311 of SARA - Not applicable under SARA TITLE III

NOTICE FROM THE MILL-ROSE COMPANY

The information in this Material Safety Data Sheet (MSDS) relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. We believe that the information contained herein is current as of the date of the MSDS. Since use of this information and these opinions and the conditions of use of the product are not within the control of The Mill-Rose Company, it is the user's obligation to determine the conditions of safe use of the product.