

MSDS

Section 1 - Product And Company Identification

Identity (Product Name): Nylon / Nylox Brushes

General Use: For cleaning, deburring and finishing metal components

Product Description: Power-driven rotary brushing tool

Manufacturer's name: Weiler Corporation

Address: One Weiler Drive, Cresco, PA 18326

Emergency telephone number: (570) 595-7495

Telephone number for information: (570) 595-7495

Date prepared: February 24, 2009

Supercedes: January 25, 2009

Section 2 - Hazardous Ingredients

HAZARDOUS COMPONENT, (Common Name)	CAS#	% BY WEIGHT	OSHA PEL (PPM)	OSHA PEL (MG/M3)	ACGIH TWA (PPM)	ACGIH TWA (MG/M3)	SARA TITLE III	RQ LBS.
Nylon 612	32131-17-2	>98	N/A	N/A	N/A	N/A	N/A	N/A
Non-regulated stabilizer, lubricants and colorants		<2	N/A	N/A	N/A	N/A	N/A	N/A

Material is not known to contain toxic chemicals under Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

Section 3 - Hazards Identification

Emergency Overview	No adverse health effects are expected from human exposure to polyhexamethylene adipamide, except for mechanical irritation of skin and eyes caused by particles. Significant skin permeation and systemic toxicity after contact appears unlikely.
Potential Health Effects	
Inhalation	Not applicable
Skin	Not applicable
Eyes	Not applicable
Ingestion	Not applicable
Carcinogenicity	NTP? No IARC Monographs? No OSHA Regulated? No.

Section 4 - First Aid Measures

Inhalation	No specific intervention is indicated as the compound is not likely to be hazardous by inhalation. Consult a physician if necessary. If exposed to fumes from overheating or combustion, move to fresh air. Consult a physician if symptoms persist.
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Skin	The compound is not likely to be hazardous by skin contact, but cleansing the skin after use is advisable. If molten polymer gets onto skin, cool rapidly with cold water. Do not attempt to peel polymer from skin. Obtain medical treatment for thermal burn.
Eyes	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.
Ingestion	No specific intervention is indicated as compound is not likely to be hazardous by ingestion. Consult a physician if necessary.

Section 5 - Firefighting Measures

Flash Point (Method Used): 400C (752F) D1929	Flammable Limits: LEL: N/A UEL: N/A Auto Ignition Temp: 752F NFPA Class: N/A
General Hazards	Large molten masses may ignite spontaneously in air. Water quenching of such masses is good practice.
Extinguishing Media	Water, foam, dry chemical, CO2
Firefighting Procedures	Keep personnel removed and upwind of fire. Wear self-contained breathing apparatus.
Unusual Fire & Explosion Hazards	Large molten masses may ignite spontaneously in air. Water quenching of such masses is good practice.
Hazardous Combustion Products	Ammonia, carbon monoxide, small amounts of hydrogen cyanide and aldehydes.

Section 6 - Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled:

Sweep up to prevent a slipping hazard.

Section 7 - Handling And Storage

Precautions To Be Taken In Handling And Storage:

See first aid and protection information sections. Store in a cool, dry place.

Keep containers tightly closed to prevent moisture absorption and contamination.

Section 8 - Exposure Controls/Personal Protection

Engineering Controls: Use local ventilation to control fumes from hot processing.

Respiratory Protection (Specify Type)	NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge and a dust/mist filter may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstance where air purifying respirators may not provide adequate protection.
Protective Gloves	Not applicable
Eye/Face Protection	Wear safety glasses. Wear coverall chemical splash goggles and face shield when possibility exists for eye and face contact due to splashing or spraying of molten material. A full face mask respirator provides protection from eye irritation.

Other Protective Clothing Or Equipment	If there is a potential contact with hot/molten material, wear heat resistant clothing and footwear.
Work/Hygienic Practices	Avoid exposure to high concentrations of dust.

Section 9 - Physical And Chemical Properties

Vapor Pressure (MM Hg)	Not applicable
Specific Gravity (Water = 1)	1.22 - 1.38
Solubility In Water	Insoluble
Ph	Not applicable
Boiling Point	Not applicable
Viscosity	Not applicable
Vapor Density (Air = 1)	Not applicable
Evaporation Rate (Water = 1)	Not applicable
Freezing Point	Solid at room temp
Appearance And Odor	Odorless filaments
Physical State	Solid
Volatile Organic Compounds	ca 1% (water)

Section 10 - Stability And Reactivity

Stability: Stable

Conditions To Avoid: Heating above 340 degrees C

Incompatibility (Materials To Avoid): Strong acids and oxidizing agents

Hazardous Decomposition Or Byproducts: Cyclopentanone, carbon monoxide, aldehydes, ammonia

Hazardous Polymerization: Will not occur

Conditions To Avoid: Not applicable

Section 11 - Toxicological Information

No specific information available

Section 12 - Ecological Information

Toxicity is not known.

Insoluble.

Do not release to streams, ponds or lakes.

Section 13 - Disposal Considerations

Waste Disposal Method: Preferred options for disposal are (1) recycling, (2) incineration with energy recovery, and (3) landfill. The high fuel value of this product makes option (2) very desirable for material that

cannot be recycled. Treatment, storage, transportation and disposal must be in accordance with applicable federal, state/provincial and local regulations.

Section 14 - Transport Information

Proper Shipping Name	Not applicable not DOT or TDG regulated
DOT Hazard Class/Pack Group	Not applicable
Reference	Not applicable
IATA Hazard Class/Pack Group	Not applicable
IMDG Hazard Class	Not regulated
UN/NA Identification Number	Not applicable
RID/ADR Dangerous Goods Code	Not applicable
Label	Not applicable
UN TDG Class/Pack Group	Not applicable
Hazard Symbols	Not applicable

Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EC United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

Section 15 - Regulatory Information

TSCA (Toxic Substance Control Act): In compliance with TSCA inventory requirements for commercial purposes.

SARA Title III (Superfund Amendments and Reauthorization Act): Material is not known to contain toxic chemicals under Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

CERCLA (Comprehensive Response Compensation and Liability Act): Not applicable

CPR (Canadian Products Regulations): Not applicable

IDL (Canadian Ingredient Disclosure List): Not applicable

DSL/NDSL (Canadian Domestic Substances List/Non-Domestic Substances List): Not applicable

EINECS (European Inventory of Existing Commercial Chemical Substances): Not applicable

EC Risk Phrases: Not applicable

EC Safety Phrases: See first aid and protection information sections

Section 16 - Other Information

Do not use the materials in the product to construct an object for permanent implantation in the human body. The use of the product in the manufacture of permanent implants is acceptable as long as any residue is removed from the implant surface.

Do not use in medical applications involving permanent implantation in the human body.

HMIS Hazard Ratings:

Health 0 (0 = insignificant, 3 = high)

Flammability 1 (1 = slight, 4 = extreme)

Reactivity 0 (2 = moderate)

Personal Protective Equipment A safety glasses

Revision Summary: Clarification of use in medical implants.

This MSDS has been revised in the following sections: Section 16 - Other Information

MSDS Prepared By: Frank J. Hettes, Vice President - Engineering & Technical Services

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.