



Safety Data Sheet

Power Brushes with Non Abrasive Filament

Date Issued - 6/1/2015

SDS Number - PB-05

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION:

Power Brushes with Non Abrasive Filament

GENERAL USE:

Material removal, surface finishing

MANUFACTURER ADDRESS:

Osborn
2350 Salisbury Road
Richmond, Indiana 47374, U.S.A.

CONTACT NUMBER:

765-965-5333

24 HOUR EMERGENCY TELEPHONE NUMBER:

Chemtrec 800-424-9300

2. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

The fibers are an article and do not contain hazardous substances above classification limits CLP Regulation 1272/2008/EC

GHS Label requirements

Pictogram

None

Signal Word

None

Hazard Statement

When utilized as intended no specific hazards or adverse health effects have so far become apparent.



3. COMPOSITION/INGREDIENT INFORMATION

<i>Ingredients</i>	<i>Weight %</i>
Nylon	<90
Additives	<10

Remarks

The fiber article may contain up to 0.1 weight percent of fiber preparation as a finish. This finish may generally be removed using an aqueous medium if necessary. The fiber article contains no residual solvent.

4. FIRST AID MEASURES

General Measures

Under normal handling and use, exposure to solid forms of this material present few health hazards. Subsequent operations such as grinding or melting produce potentially hazardous dust or fumes which can be inhaled.

Inhalation

If overexposed to dust, remove victim to fresh air and get medical attention.

Skin Contact

No special measures necessary

Eye Contact

Flush eyes thoroughly with water, holding open eyelids. Get medical attention if irritation occurs and persists.

Ingestion

No special measures necessary

Most Important Symptoms/Effect, Acute and Delayed

After Inhalation of toxic fumes in the event of a smoldering fire: smoke intoxication. Seek medical advice immediately



5. FIRE FIGHTING MEASURES

Extinguishing Media

Use any media that is appropriate for the surrounding fire.

Fire Fighting Procedure

None needed.

Special Protective Equipment

Use self-contained breathing apparatus during operations in closed rooms and immediate vicinity of fires. It is to be expected that the firefighting water may contain some proportion of organic substance as TOC (total organic carbon) or rather COD (chemical oxygen demand) due to the decomposition products generated by the fire. As the concentration of water pollutants naturally depends on the fire behavior and the quantity of firefighting water, it is recommended to catch the firefighting water as far as possible in the case of larger fires. Prior to the discharge into the sewage system, consent of the competent authority must be obtained. No unusual difficulties are anticipated regarding the functioning of biological sewage treatment plants.

Hazardous Combustion Products

In case of fire, the hazardous combustion gases are carbon monoxide and carbon dioxide, nitrogen oxides, and also low-molecular organic compounds depending on temperature and air flow.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Minimize generation of dust. Use appropriate protective equipment to avoid inhalation and eye contact if dust is generated.

Environmental Precautions

Notify authorities as required by local, state and federal regulations.

Methods for Clean Up

Pick up, sweep up or vacuum any dust, and place in a container for disposal.

Reference to Other Sections

Refer to Section 8 for personal protective equipment and Section 13 for proper disposal.



7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid dust formation. Ensure adequate ventilation and aspiration at the workplace. Keep away sources of ignition. Keep in mind the effects of electrostatic charging.

Conditions for Safe Storage

All supply units are to be secured in storage, especially when stacking, so that they are not damaged by shifting or falling down, and to prevent injury. Regarding thermal load, the fire safety requirements must be observed. Protect the product from dirt, moisture, direct sunlight and open flames! Storage class (VCI): 11 (flammable solids).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<i>Ingredients</i>	<i>OSHA / PEL</i>	<i>ACGIH / TLV</i>
Dust - Respirable	5 mg/m ³ 8 hr TWA	3 mg/m ³
Dust – Total	15 mg/m ³ 8 hr TWA Total Dust	10 mg/m ³

Engineering Controls

Ensure adequate ventilation to maintain exposures below occupational limits. Whenever possible the use of local exhaust ventilation or other engineering controls is the preferred method of controlling exposure to airborne dust and fume to meet established occupational exposure limits. Use good housekeeping and sanitation practices. Do not use tobacco or food in work area. Wash thoroughly before eating or smoking. Do not blow dust off clothing or skin with compressed air.

Respiratory Protection

If inhalation of dust can be avoided no further precautions are required, except in case of fire or if local ventilation/aspiration is insufficient (see points 4 and 5.).

Hand Protection

Gloves recommended.

Eye Protection

Safety goggles or face shield over safety glasses with side shields

Skin Protection

Protective clothing as needed to prevent contamination of personal clothing. Hearing protection may be required.



9. PHYSICAL AND CHEMICAL PROPERTIES

<i>Characteristic</i>	<i>Value</i>
Appearance	Monofilament, bristles or abrasive bristles
Form	Solid in various forms
Color	Natural
Odor	Odorless
Odor Threshold	Not determined
pH	N/A
Flash Point	N/A
Vapor Pressure	No data
Vapor Density	N/A
Specific Gravity	No data
Solubility in H ₂ O	Insoluble
Decomposition Temperature	≥300 C (depending on type)

10. STABILITY AND REACTIVITY

Reactivity

No data

Chemical Stability

Chemically stable

Conditions to Avoid

Temperatures above 300 C

Incompatible Materials

Strong bases, strong acids, strong oxidants

Hazardous Decomposition Products

Carbon monoxide, carbon dioxide, soot and low molecular weight organic decomposition products.

Hazardous Polymerization

No data



11. TOXICOLOGICAL INFORMATION

Remarks

The intended use of the fiber product has not been known to produce adverse health consequences.

12. ECOLOGICAL INFORMATION

Toxicity

The product is not known to be toxic to the environment.

Persistence and Degradability

The product is not biodegradable

Bio-Accumulative Potential

The product is insoluble in water and not bioaccumulable

Mobility in Soil

None

Results of PBT and vPvB Assessment

No evaluation carried out. The product is not bioaccumulative

Other Adverse Effects

No data



13. DISPOSAL CONSIDERATIONS

General

Dispose of in accordance with Federal, State and Local regulations. Local regulations may be more stringent than regional and national requirements. It is the responsibility of the waste generator to determine the toxicity and physical characteristics of the material to determine the proper waste identification and disposal in compliance with applicable regulations.

Packaging

Dispose of in accordance with Federal, State and Local regulations. Local regulations may be more stringent than regional and national requirements. It is the responsibility of the waste generator to determine the toxicity and physical characteristics of the material to determine the proper waste identification and disposal in compliance with applicable regulations.

14. TRANSPORTATION INFORMATION

DOT/ADR/IATA/IMDG Regulations:

Not regulated

UN Number:

N/A

UN Proper Shipping Name:

N/A

Transport Hazard Class:

N/A

Packing Group:

N/A

Marine Pollutant:

N/A

Special Precautions:

N/A



15. REGULATORY INFORMATION

TSCA Listed

N/A

Regulation (EC) No 1272/2008 (CLP)

The fiber article is not subject to classification according to EC directives.

Canada WHMIS Classification (CPR, SOR/88-66)

N/A

California Proposition 65

WARNING: You create dust when you cut, sand, drill or grind materials such as wood, paint, cement, masonry or metal. This product & the dust it creates contains chemicals known in the state of California to cause cancer and birth defects or other reproductive harm.

16. OTHER INFORMATION

Revision Number 1

Supersedes Date 2015/06/24

Prepared By

Osborn

Manufacturer Disclaimer

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. Osborn shall not be held liable for any damages resulting from handling or from contact with the above product.