



Safety Data Sheet
Date Issued – June 1ST, 2015

Osborn SDS Number: PB-08
Power Brushes with Tampico Fiber

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PLEASE NOTE

Tampico Fiber may also be known as Ixtle Fiber, Mexican Fiber, or Lechuguilla Fiber.

This fill material may be mounted in a wood, carbon steel, stainless steel, or polyurethane base. Refer to the respective SDS for additional information.

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION:

Power Brushes with Tampico Fiber

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

Dust may cause eye and respiratory irritation. Dust particles may cause abrasive injury to the eyes.

GHS Label requirements

Pictogram



Signal Word

Warning

Hazard Statement

There are no hazards of concern for man or the environment in the forms supplied. This product is flammable, and should be kept away from sparks, heat, flames, or other sources of ignition. A greater hazard, in most cases, is the exposure to the dust/fumes from the material being brushed and the potential hazard from this exposure must be evaluated.

Acute Effects

None known from solid state. Dust or fumes from brush working can be irritating and lead to coughing, depending on the work piece.

Chronic Effects

None known, based on available data.



3. COMPOSITION/INGREDIENT INFORMATION

<i>Ingredients</i>	<i>Weight %</i>
Cellulose	78
Hemicelluloses and Pectins Carbohydrate	10
Lignin	8
Waxy and Resins	2
Ashes and Lost	2
Humidity	10-12

This products contains no hazardous components as defined by OSHA.

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, melting or welding may produce potentially hazardous dust or fumes, depending on the work piece, which can be inhaled or come in contact with the skin or eyes.

Inhalation

If overexposed to dust, remove victim to fresh air and get medical attention. If not breathing, give mouth to mouth resuscitation. If breathing is difficult, give oxygen and obtain medical help immediately.

Skin Contact

Wash dust from skin with soap and water. Launder contaminated clothing before reuse.

Eye Contact

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

Ingestion

If dust is swallowed, seek medical attention.

Most Important Symptoms/Effect, Acute and Delayed

Use may generate dust that may cause eye and respiratory tract irritation. Dust may be harmful by inhalation and ingestion.

Indication of Any Immediate Medical Attention and Special Treatment Needed

None known.



5. FIRE FIGHTING MEASURES

Extinguishing Media

Use any media that is appropriate for the surrounding fire.

Fire Fighting Procedure

Downwind personnel should be evacuated. Do not reseal contaminated containers as pressure build-up may rupture them. Avoid skin contact.

Special Protective Equipment

Full face, self-contained breathing apparatus and full protective clothing when necessary.

Hazardous Combustion Products

During a fire, irritating vapors and toxic gasses will be generated. Consideration must also be given to the potential fire/explosion hazards from the base material being processed. Many materials create flammable/explosive dusts or turnings when brushed, machined or ground.

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

Use only with adequate ventilation. Avoid breathing dust. Wash thoroughly after handling and use, especially before eating, drinking or smoking. Consider potential exposure to components of the base materials or coatings being brushed, machined or ground. Refer to OSHA's substance specific standards for additional work practice requirements where applicable.

Conditions for Safe Storage

Store in a dry location. Store in an area with sprinkler systems. Store away from sparks, flames, or other ignition sources. See section 10 for more information on incompatible materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Note: Consider also components of base materials and coatings being worked.

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

Use an approved respirator if exposure limits are exceeded or where dust or fume exposures are excessive. Consider the potential for exposure to components of the coatings or base material being ground in selecting proper respiratory protection. Refer to local regulations for specific standards where appropriate. Selection of respiratory protection depends on the contaminant type, form and concentration. Select and use respirators in accordance with applicable regulations and good industrial hygiene practice.

Hand Protection

Cloth or leather 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>
Form	Solid fiber various forms
Odor	Odorless
Odor Threshold	Not determined
pH	7.5 – 9.4
Melting Point	Not determined
Boiling Point	No data
Flash Point	N/A
Evaporation Rate	N/A
Vapor Pressure	N/A
Vapor Density	N/A
Specific Gravity	1.3 – 1.4
Solubility in H ₂ O	Insoluble
Partition Coefficient (n-octanol/water)	Not determined
Viscosity	N/A

10. STABILITY AND REACTIVITY

Reactivity

This material is stable and non-reactive under normal ambient atmospheric conditions.

If the fill material is mounted in a metal base, the base may rust when exposed to humidity.

Conditions to Avoid

Avoid creating or accumulating fines or dust

Incompatible Materials

Acids and bases

Hazardous Decomposition Products

This material will not decompose under normal ambient circumstances.

Dust from brushing and grinding could contain ingredients listed in Section 3 and other, potentially more hazardous components of the base material being brushed or coatings applied to the base material.

Hazardous Polymerization

Not known to occur.



11. TOXICOLOGICAL INFORMATION

Likely Route of Exposure

Inhalation, skin, eyes. Product as shipped does not present an inhalation hazard; however subsequent operations may create dusts or fumes which could be inhaled.

Eyes

Dust may cause eye irritation. Dust particles may cause abrasive injury to the eyes.

Skin Contact

None expected under normal use conditions. Rubbing product across the skin may cause mechanical irritation or abrasions.

Inhalation

Dust may cause respiratory irritation. May be harmful by inhalation. Prolonged inhalation may cause lung damage.

Ingestion

None expected under normal use conditions. May be harmful if swallowed.

Acute Toxicity

No data

Reproductive Toxicity

Not expected to cause reproductive toxicity.

Carcinogenicity

None of the components of this product are listed as a carcinogen or potential carcinogen by OSHA, NTP or IARC.

Germ Cell Mutagenicity

Not expected to be a mutagen

Repeat Exposure

Long-term overexposure to respirable dust may cause lung damage (fibrosis) with symptoms of coughing, shortness of breath and diminished breathing capacity. Chronic effects may be aggravated by smoking. Prolonged exposure to elevated noise levels during operations may affect hearing. A greater hazard, in most cases, is the exposure to the dust/fumes from the material or paint/coatings being brushed. Most of the dust generated during brushing is from the base material being brushed and the potential hazard from this exposure must be evaluated.



12. ECOLOGICAL INFORMATION

Toxicity

No ecological data is available for this product.

Persistence and Degradability

No data

Bio-Accumulative Potential

No data

Mobility in Soil

No data

Results of PBT and vPvB Assessment

Not applicable

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.



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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

All components are listed.

Regulation (EC) No 1272/2008 (CLP)

N/A

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.