



SAFETY DATA SHEET

1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: MicroFirst®

Synonyms: None.

Supplier Details:

Berkshire Corporation
6509 Franz Warner Parkway
Whitsett, NC 27377
USA
Tel: (800) 242-7000 or (413) 528-2602

Intended Use: Wiping and cleaning various surfaces and components.

Other Information: OSHA Hazard Communication Standard (29 CFR 1910.1200) requirements for Material Safety Data Sheets do not apply to this product. This product is excluded as an article. Information on potential hazards associated with product fabrication and/or installation are discussed in this datasheet.

2 HAZARDS IDENTIFICATION

Emergency Overview: This product has no known adverse effect on human health. Additives in this product do not present a respiration hazard unless the product is ground to a powder of respirable size and the dust is inhaled. All dusts are potentially injurious to the respiratory tract if respirable particles are generated and inhaled. Dust may form explosive mixture in air.

Physical State: Solid (fiber)

Colour: White

Odor: no odor

3 COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No.	Concentration
Nonwoven fabric		100%

Includes percentages of the following:

Polyethylene terephthalate (PET) (polyester)	25038-59-9	55%
Cellulose (wood pulp)	68442-85-3	45%

4 FIRST AID MEASURES

General Advice: No hazards which require special first aid measures.

5 FIRE-FIGHTING MEASURES

Fire and Explosion Hazard: Dust may form explosive mixture in air. Hazard combustion productions may include but are not limited to carbon monoxide and carbon dioxide. Combustion of the finish applied to some fabrics may produce small quantities of hydrogen fluoride and low molecular weight fluorochemicals.

Suitable extinguishing media: Water, foam, carbon dioxide, dry chemical or other suitable media.

Fire Fighting Procedures: Wear self-contained breathing apparatus and protective suit.

6 ACCIDENTAL RELEASE MEASURES

Spill Cleanup Methods: not applicable.

7 HANDLING AND STORAGE

Handling (personnel): Exposure to fiber fly, dust and decomposition products should be avoided by ventilation and/or vacuum cleaning. Minimize the generation and the accumulation of dust.

Storage: No special storage conditions required.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

No specific measures.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	white nonwoven material
pH:	not applicable
Boiling Point:	not applicable
Melting Point:	> 250°C (480°F) polyester
Flash Point:	not applicable
Flammability:	not easily flammable (see section 10)
Autoflammability:	not applicable
Auto-ignition temp:	not applicable
Explosive properties:	not applicable
Oxidizing properties:	not applicable
Vapor pressure:	not applicable
Relative density:	not applicable
Solubility – in water:	insoluble
In fat:	insoluble
Partition coefficient (octanol/water):	not applicable

10 STABILITY AND REACTIVITY

Conditions to Avoid: Under thermal decomposition, flammable and toxic fumes can be generated. Above 250°C may be released: toxic and flammable gases, carbon monoxide. The generation of cleavage and oxidation products is subject to fire conditions. After firefighting, the unburned residues and contaminated water should be disposed of in compliance with official regulations. Molten material should not be allowed to be in contact with the skin to which it can adhere and can cause burns.

11 TOXICOLOGICAL INFORMATION

No toxic reaction under normal conditions. Note: Under decomposition conditions, toxic fumes and contaminated water, see Section 10.

12 ECOLOGICAL INFORMATION

For transportation, storage, and normal use, no toxicological effect known. Possible water pollution if components are washed out.

13 DISPOSAL CONSIDERATIONS

General Information: As non-hazardous solid waste, depending on local regulation, dispose of through:

Recycling:	N/A
Composting:	N/A
Incineration:	Yes
Landfill:	Yes

14 TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

15 REGULATORY INFORMATION

SARA 313 Regulated Chemical(s): SARA313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop. 65: Chemicals known to State of California to cause cancer, birth defects or any other harm: none known.

PA Right to Know Regulated Chemicals: Substances on the Pennsylvania Hazardous Substances List present at a concentration of 1% or more (0.01% for Special Hazardous Substances): Titanium Dioxide.

NJ Right to Know Regulated Chemicals: Substances on the New Jersey Workplace Hazardous Substance List present at a concentration of 1% (0.1% for substances identified as carcinogens, mutagens or teratogens): Titanium dioxide.

16 OTHER INFORMATION

None.

Disclaimer: This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.