

Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: SAF- Cotton Fiber

Product No.: 5000 Series

2. HAZARDS IDENTIFICATION

United States (US)

According to OSHA 29 CFR 1910.1200 HC

Exposure Limits None
Immediately Dangerous to Life and Health None
Classification of Substance of Mixture Solid Combustible
Skin Irritation – 1
Organ Toxicity – None
Narcotic Effects – None



Carcinogenicity Classification (components present at 0.1% or more)
International Agency for Research on Cancer (IARC): Not Listed
American Conference of Governmental Industrial Hygienists (ACGIH):
Not listed.
National Toxicology Program (NTP): Not Listed
Occupational Safety and Health Administration (OSHA): Not Listed

Label Elements	Avoid contact with molten material. If hot, cool the material with plenty of water when handling. Store in a closed covered area. Minimize dust accumulation.
Hazard Statements	Combustible Solid May cause skin irritation
Precautionary Statements	Keep away from open flame. Wear PPE as needed. Prevention Avoid prolonged or repeated skin contact. Storage/Disposal Store material in cool (below 140°F) warehouse w/sprinkler system. Dispose in accordance with local, state and federal regulations.

Canada

According to WHMIS (Workplace Hazardous Materials Information System)

Classification of the Substance of Mixture – Solid Combustible
WHMIS Other effects – Skin Irritant

Other Information

HMIS Hazard Ratings: Health – 1, Flammability – 1, Chemical Reactivity – 0

NFPA Hazard Ratings: Health – 1, Flammability – 1, Chemical Reactivity – 0 1 0

Note: HMIS and NFPA ratings involve data and interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal with the safe handling of this material, all information contained in this SDS must be considered.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance or Mixture

COMPONENT % CONTENT

Polyethylene Terephthalate / PET Copolymer	25% of Sample
Shoddy with Treated Cotton Fiber	72% of Sample
Ammonium Sulphate	2-3% of Sample

4. FIRST AID MEASURES

Inhalations: If symptomatic, move to fresh air. Get medical attentions if symptoms persist.

Skin Contact: If irritation, wash off with water.

Eye Contact: Any material that contacts the eye should be washed out immediately. Contact lenses should be removed if easy to do.

Ingestions: Material is not expected to be absorbed from the gastrointestinal tract so that induction of vomiting should not be necessary. Consult a physician if necessary.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: SMALL FIRES: Any extinguisher suitable for dry chemical, CO₂, water spray or fire fighting foam.

LARGE FIRES: Water spray, or fire fighting foam. Water may be used to cool fire exposed containers. Keep containers and surroundings cool with water spray.

Specific Hazards During Fire Fighting: Hazardous combustion products produced consist of carbon dioxide, carbon monoxide, formaldehyde, acetaldehyde, ethylene, ethanol, methanol, acetic acid and acetone.

Unusual Fire and Explosion Hazards: Powdered material may form explosive dust-air mixture.

Special Protective Equipment for Firefighters: Wear self-contained breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

In Case of a Spill: Collect Material for controlled re-use or place in a container for waste. No special safety risks to the environment. Stepping on walking on material can cause falls. Avoid accumulations on floors and walkways.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Personal Precautionary Measures – It is a good industrial hygiene practice to wear eye protection to prevent any eye contact. It is also a good industrial hygiene practice to prevent prolonged or repeated skin contact.

When molten, avoid contact with material. Cool the material with plenty of water before handling and wear protective equipment. Minimize dust generation and accumulation. Accumulation of resin on hot machine surfaces should be avoided to minimize the generation of volatile decomposition products. The interior of molten masses may remain hot from some time due to low heat conductivity.

Storage Procedures: Store the material in a closed covered area protected from dust and environmental agents since they can deteriorate this product or affect its performance. Keep away from contact with oxidizing materials or open flames. Minimize dust generation and accumulation.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters: Exposure

American Conference of Governmental Industrial Hygiene = ACGIH

Threshold Limit Value (TLV) – None Established

Occupational Safety and Health Administration = OSHA

Permissible Exposure Limit (PEL) – None Established

Exposure Controls:

Engineering Measures/ Controls and Personal Protective Equipment

Ventilation – Good General ventilation should be used.

Respiratory Protection: In all conditions (except fires) whenever respiratory protection is required for certain operations, use a NIOSH approved air-purifying respirator with a particulate cartridge or canister. Respirator type: Dust, Organic Vapor. If respirators are used, a program should be instituted to assure compliance with OSHA Standard 29 CFR 1910.134.

Eye/Face: It is good industrial hygiene practice to wear eye protection to prevent any eye contact.

Skin/Hand: It is a good industrial hygiene practice to prevent prolonged or repeated skin contact.

Work / Hygiene Practices: Recommended Decontamination Facilities: Eyewash/shower and standard facilities. Wash hands before eating, drinking, smoking, or using toilet facilities.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Solid (Chips)

Color: Varies with formulation

Odor: Odorless

Odor Threshold: Not applicable

Specific Gravity (water = 1): >1

Vapor Pressure: Negligible

Vapor Density (air = 1): Not applicable

Evaporation Rate: Not applicable

Boiling Point: Not applicable

Melting Point: 215 – 275°C (419 – 527°F)

Viscosity at Ambient Temperature: Not applicable

Solubility in Water at Ambient Temperature: Negligible

pH: Not applicable

Flash Point: Not applicable, combustible solid

Autoignition Temperature: Not applicable

Upper and Lower Explosive Limits (UEL/LEL): Not applicable

10. STABILITY AND REACTIVITY

Stability: Stable

Incompatibility: Material can react with strong oxidizing agents depending on consistency of sample.

Decomposition or Byproducts: Thermal decomposition products can include: acetaldehyde, ethylene, carbon dioxide, carbon monoxide, nitrogen oxides, smoke and fumes.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Combustible when exposed to open flames

11. TOXICOLOGICAL INFORMATION

Carcinogenicity: Product is considered non-hazardous

Inhalation: Low hazard of exposure under normal use.

Eyes: Low hazard of exposure under normal use.

Skin: Low hazard of exposure under normal use.

Ingestion: Low ingestion hazard.

Specific toxicity testing has not been performed on this product. Hazard evaluation is based on information from similar products, raw material data and technical literature.

12. ECOLOGICAL INFORMATION

EPA Hazard Classification Code: Not Applicable

This material has not been tested for environmental effects.

13. DISPOSAL CONSIDERATIONS

Disposal: Dispose of container and unused contents in accordance with federal, state and local requirements.

14. TRANSPORT INFORMATION

DOT (USA) Status: Not Regulated

Air – International Civil Aviation Organization (ICAO) - ICAO Status: Not Regulated

Sea – International Maritime Dangerous Goods (IMDG) - IMDG Status: Not Regulated

15. REGULATORY INFORMATION

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200. OSHA Classification: Nonhazardous

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986): Material(s) known to the State to cause adverse reproductive effects: No Maximum Allowable Dose Levels (MADLs) for chemical causing reproductive toxicity.

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986): Material(s) known to the State to cause cancer: No Significant Risk Levels (NSRLs) for carcinogens.

This document has been prepared in accordance with the SDS requirements of the WHMIS Controlled Products Regulation. (Workplace Hazardous Materials Information System)

WHMIS (Canada) Status: Non-controlled.

WHMIS (Canada) Hazard Classification: Not applicable

Carcinogenicity Classification (components present at 0.1% or more)
International Agency for Research on Cancer (IARC): Not Listed
American Conference of Governmental Industrial Hygienists (ACGIH): Not Listed.
National Toxicology Program (NTP): Not Listed
Occupational Safety and Health Administration (OSHA) Not Listed

Superfund Amendments and Reauthorization Act (SARA) of 1986 Section 313 or Title III and 40 CFR Part 372, chemicals subject to the reporting requirements: None
SARA (USA) Sections 311 and 312 hazard classifications: Not applicable.

US Toxic Substance Control Act (TSCA): This product is listed on the TSCA inventory or otherwise complies with TSCA pre-manufacture notification requirements.

Canadian Environmental Protections Act (CEPA) and Domestic Substance List (DSL): This product is listed on the DSL or otherwise complies with CEPA new substance notification requirements.

European Inventory of Existing Commercial Substance (EINECS): This product is listed on the EINECS or has been approved in the European Union by new substance notification.

Australian Inventory of Chemical Substances (AICS) and National Industrial Chemicals Notification and Assessment Scheme (NICNAS) This product is listed on AICS or otherwise complies with NICNAS.

16. OTHER INFORMATION

The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results and assume no liability for damages incurred by the use of this material. All materials may present unknown health hazards and should be used with caution. Although certain hazards described herein, we cannot guarantee that these are the only hazards that exist. Final determination of suitability of this material is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any nature are made hereunder with respect to the information contained herein or the material to which the information refers. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.