



## MATERIAL SAFETY DATA SHEET

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### **PRODUCT AND COMPANY IDENTIFICATION**

Trade Name: RF Fiber (As Used on Package)

Chemical Family: Woody Cotton Byproduct (Organic Natural Fiber)

Manufacture: **Impact Composite Technology LTD**  
**601 Underwood**  
**Littlefield, TX 79339**

Phone: 806-385-0260

Fax: 806-385-0421

Website: [www.impactcomposite.com](http://www.impactcomposite.com)

Prepared By:

### **1. COMPOSITION/INFORMATION ON INGREDIENTS**

Natural Fiber Dense, Woody Material, Fibrous in Texture

Hazardous Ingredients: None

### **2. HAZARDS IDENTIFICATION**

**Material is light to dark tan with a distinctive biomass phenolic odor. Avoid airborne dust. Avoid ignition sources. Provide ventilation. Avoid breathing dust.**

#### **Potential Health Effects**

**EYE:** Solids or dusts may cause irritation or scratch the surface of the eye.

**SKIN:** N/A

**INGESTION:** N/A

**INHALATION:** Potential respiratory tract irritation

**CHRONIC HEALTH EFFECTS:** None Known

SARA: This material is not considered hazardous

### **3. FIRST AID MEASURES**

**EYES:** Flush with water

**SKIN:** Wash thoroughly with soap and water.

**INGESTION:** N/A

**INHALATION:** Remove to fresh air. Call physician if irritation persists

### **4. FIRE FIGHTING MEASURES**

**EXTINGUISHING MEDIA:** water spray, carbon dioxide, or chemical powder. Fight large fires with water sprays

**SPECIAL FIRE FIGHTING PROCEDURES:** Biomass dust is a strong explosion hazard if a dust cloud is formed and the dust contacts an ignition source. Partially burned dust is especially hazardous when dispersed in air. Dust can be removed from air with water sprays. High humidity reduces the likelihood of ignition of airborne dust.

### **6. PRECAUTIONS FR SAFE HANDLING AND USE**

**ACCIDENTAL RELEASE MEASURES:** Vacuum or sweep up spills for recovery and disposal. Maintain good ventilation, but avoid force air, which can cause the product to become airborne. Recovered material should be placed in covered containers.

**WASTE DISPOSAL METHODS:** Incinerate or remove to sanitary landfill.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store and handle in any environment away from ignition sources.

**OTHER PRECAUTIONS:** Avoid extremely hot dry storage areas and any contact with compressed oxygen, chemical oxidizers and strong mineral acids. Partially burned or scorched dust is hazardous in storage. Auto-ignition can develop at 400F to 500F.

## 5. EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** local exhaust - nuisance dust levels.

**RESPIRATORY PROTECTION:** Approved dust respirator.

**PROTECTIVE GLOVES:** Cotton gloves recommended.

**EYE PROTECTION:** Wear safety glasses or full goggles.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Clean work clothing. Workers should follow good housekeeping and hygienic work practices.

## 6. PHYSICAL AND CHEMICAL PROPERTIES

**BOILING POINT:** N/A

**MELTING POINT:** N/A

**VAPOR PRESSURE:** N/A

**VAPOR DENSITY:** N/A

**EVAPORATION RATE:** N/A

**SPECIFIC GRAVITY:** (H<sub>2</sub>O =1) 1.1 to 1.2

**SOLUBILITY IN WATER:** Generally insoluble

**ODOR:** Phenolic odor

**APPEARANCE:** Light to Dark tan fibrous and granular solids

## 8. STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** (Conditions to Avoid) Excessive heat, ignition sources

**INCOMPATIBILITY:** NONE

**HAZARDOUS DECOMPOSITION:** Combustion will cause toxic fumes and gases such as carbon monoxide, formaldehyde, etc.

**HAZARDOUS POLYMERIZATION:** Will not occur

**STABILITY:** Stable

## **9. TOXICOLOGICAL INFORMATION**

Toxic Substance Control Act (TSCA): Natural Cotton by-product is an organic product and not subject to TSCA requirements.

## **10. ECOLOGICAL INFORMATION**

Non-hazardous, Always comply with Federal, State and Local environmental regulations.

## **11. TRANSPORT INFORMATION**

DOT: Not Regulated NMF CLASSIFICATION: Class 55

## **12. REGULATORY INFORMATION**

N/A

## **13. OTHER INFORMATION**

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