

## 1. Identification

**Product Name:** MiniFIBERS Basofil® Fibers  
**Synonyms:** Melamine Fibers, Amino Fibers, Aminoplast Fibers, Melamine Formaldehyde Resin Fibers, Melamine Formaldehyde Cross-Linked Polymer Fibers  
**Manufacturer:** MiniFibers Inc.; 2923 Boones Creek Road; Johnson City, TN 37615 USA  
**Telephone:** Information: (423) 282-4242 Emergency: (423) 282-4242  
**Date Prepared:** February 2012

HMIS		
HEALTH	*	1
FLAMMABILITY		0
PHYSICAL HAZARD		0
PERSONAL PROTECTION		G

## 2. Hazard Identification

This product is not hazardous under the criteria of U.S. Occupational Safety and Health Standard 29 CFR 1910 Subpart Z and United Nations GHS Parts 2, 3, and 4.

The product is coated with finishes which do not present a significant health hazard in their normal use. If heated to elevated temperatures during processing, these finishes can degrade and generate off gases which may contain small amounts of chemicals. Local exhaust ventilation is recommended.

## 3. Composition / Information on Ingredients

Substance	CAS No.	EC No.	Concentration By Weight
Proprietary			>98%
(Chemical Family: Modified Melamine-Formaldehyde Resin)			
Oils and Finishes			<2%
The precise composition is considered confidential by Basofil and will be disclosed only in case of medical emergency or in approved non-emergency situations.			

## 4. Emergency & First Aid Measures

### Routes of Exposure:

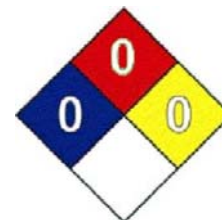
- Inhalation:** Inhalation of fibers, fiber dust, or vapors may cause respiratory irritation. If effects occur, move to fresh air, aid in breathing if necessary, and seek immediate medical attention.
- Skin:** **If thermal burn, cool with water and seek immediate medical attention; do not attempt to peel molten fibers from skin.** Non-thermal contact with fibers may cause mechanical irritation of the skin. Wash off with soap and water, and consult a physician if symptoms develop.
- Skin Absorption:** A single unprolonged skin exposure is not likely to result in the material being absorbed through the skin in harmful amounts. However, cleansing the skin after use is advisable. Avoid prolonged or repeated skin contact. Consult a physician if symptoms develop.
- Eyes:** Fibers or fiber dust may cause irritation or scratch the surface of the eyes. Flush with water for 15 minutes to remove particles; remove contact lenses if present and part eyelids with fingers to ensure complete flushing. Consult a physician if symptoms develop.
- Ingestion:** Ingestion may result in gastric disturbances. **Do not induce vomiting;** dilute with water and seek immediate medical attention. **Never give fluids or induce vomiting if the victim is unconscious or having convulsions.**

Contaminated clothing should be removed and laundered before reuse.

Personal protective equipment is not required for first-aid responders.

## 5. Fire Fighting Measures / Fire & Explosion Hazard Data

- Flash Point:** Not applicable
- Flammable Limits:** This material does not support combustion in the presence of air and will not burn.
- Extinguishing Media:** Use appropriate extinguishing media for any surrounding materials.
- Hazardous Combustion Products:** No data available.
- Unusual Fire & Explosion Hazards:** None known.
- Fire Fighting Procedures:** Keep unnecessary and unprotected personnel away. Avoid excessive inhalation of smoke or vapors. Keep product and surrounding areas cool by spraying with water. If outdoors, fight fire from an upwind position. Firefighters should be equipped with positive pressure self-contained breathing apparatus (SCBA) and standard protective fire fighting clothing (helmet, eye protection, overalls, boots, and gloves) when fighting all indoor fires and any significant outdoor fires.
- Special Protective Equipment:** Firefighters should be equipped with positive pressure self-contained breathing apparatus (SCBA) and standard protective fire fighting clothing (helmet, eye protection, overalls, boots, and gloves) when fighting all indoor fires and any significant outdoor fires.



## 6. Accidental Release Measures / Steps to be Taken if Material is Released or Spilled

- Personal Precautions:** Wear appropriate respiratory protection, eye protection, and protective clothing if required to meet applicable dust exposure limits during operation.
- Environmental Precautions:** None needed.
- Methods for Cleanup:** Vacuum or sweep up and place in a suitable container for disposal in a licensed facility. To more effectively control fiber dust, avoid the use of air jets.

## 7. Precautions for Safe Handling & Storage

- Precautions for Safe Handling:** No special handling has been shown to be necessary.
- Conditions for Safe Storage:** Avoid overstacking to prevent collapse or breakage of the package. Avoid conditions of extreme heat, high humidity, and acidic environmental conditions. During prolonged storage at high temperature and high humidity, it is possible that extremely low levels of formaldehyde can be released; however, it is the experience of Basofil LLC that these levels are still well below the most stringent ACGIH recommended ceiling limit of 0.3ppm.
- Other Precautions:** None

## 8. Exposure Control Measures / Personal Protection

# Material Safety Data Sheet

<b>Exposure Guidelines:</b>	Fiber dust should be considered a nuisance dust, i.e. particulates (not otherwise classified): ACGIH Threshold Limit Value: 10 mg/m <sup>3</sup> total dust; 3-mg/m <sup>3</sup> respirable dust OSHA Permissible Exposure Limit: 15 mg/m <sup>3</sup> total dust; 5-mg/m <sup>3</sup> respirable dust
<b>Engineering Controls:</b>	Good general building ventilation is recommended when mechanically working this product. Local exhaust ventilation is recommended to reduce exposure to fiber dust and vapors.
<b>Specific Personal Protective Equipment:</b>	
<b>Respiratory:</b>	If vapors are generated when working with this material, a NIOSH/MSHA approved vapor respirator should be worn. If dusts are generated when working with this material, wear a NIOSH/MSHA approved dust respirator.
<b>Eye:</b>	If dusts are generated when working with this material, safety glasses with side shields should be worn.
<b>Hand:</b>	Protective gloves are recommended to minimize skin contact with the material.
<b>Skin/Other:</b>	Protective clothing is recommended to minimize skin contact with the material.
<b>Work/Hygienic Practices:</b>	Maintain good housekeeping to control dust accumulation. To more effectively control fiber dust, avoid the use of air jets to blow off equipment; use vacuums instead.

## 9. Physical & Chemical Properties / Characteristics

<b>Chemical Formula:</b>	Proprietary	<b>Flash Point:</b>	Does not apply	<b>Solubility:</b>	Not soluble
<b>Appearance:</b>	Ivory/White solid	<b>Evaporation Rate:</b>	Does not apply	<b>Partition Coefficient:</b>	No data available
<b>Odor:</b>	Slight amine odor	<b>Flammability:</b>	Non-flammable	<b>Auto-Ignition Temp:</b>	Does not apply
<b>pH:</b>	No data available	<b>Vapor Pressure:</b>	Does not apply	<b>Decomposition Temp:</b>	370°C / 700°F
<b>Melting Point:</b>	Does not apply	<b>Vapor Density:</b>	Does not apply	<b>Viscosity:</b>	Does not apply
<b>Boiling Point:</b>	Does not apply	<b>Specific Gravity:</b>	1.4 g/cm <sup>3</sup>		

## 10. Stability & Reactivity Data

<b>Reactivity:</b>	Data not available.
<b>Stability:</b>	Stable under normal conditions.
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Conditions to Avoid:</b>	Temperatures above 370°C / 700°F.
<b>Incompatible Materials:</b>	Strong acids.
<b>Hazardous Decomposition Products:</b>	CO, CO <sub>2</sub> , NO <sub>x</sub> , HCN, and aldehydes.

## 11. Toxicological Information / Health Hazard Data

<b>Health Hazards (Acute and Chronic):</b>	No data available.
<b>Carcinogenicity:</b>	
<b>NTP:</b>	Not listed.
<b>IARC:</b>	3 - Not classifiable as to its carcinogenicity to humans.
<b>OSHA:</b>	Not regulated.
<b>Signs and Symptoms of Exposure:</b>	No data available.
<b>Medical Conditions Aggravated by Exposure:</b>	Some individuals, e.g. with asthma, bronchitis, or allergies, are likely to be intolerant of high concentrations of airborne fibers, fiber dust, or vapors when processing.

## 12. Ecological Information

<b>Toxicity:</b>	No data available.
<b>Persistence and Degradability:</b>	No data available.
<b>Bioaccumulative Potential:</b>	No data available.
<b>Mobility in Soil:</b>	No data available.

## 13. Disposal Considerations

<b>Waste Disposal Method:</b>	Dispose of in accordance with all applicable governmental regulations for non-hazardous solid waste. Do not discharge into waterways or sewer systems. Recycling of corrugated packaging is encouraged where possible. Other packaging may be disposed of with product. Standard disposal containers are acceptable.
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## 14. Transport Information

<b>Proper Shipping Name:</b>	Melamine Fibers	<b>U.S. DOT:</b>	Not regulated.
<b>U.S. NMFC Item Number:</b>	68310	<b>ICAO/IATA:</b>	Not regulated.
<b>HTC Number:</b>	5503.90	<b>IMDG:</b>	Not regulated.
<b>U.N. Number:</b>	None	<b>Canada TDG:</b>	Not regulated.

## 15. Regulatory Information

<b>International:</b>		<b>Federal (U.S.):</b>	
Canada: WHMIS: Not a controlled product.		EPA: Not regulated.	
Europe: Not classified as dangerous according to Directive 1999/45/EC.		OSHA: Not hazardous under the criteria of Occupational Safety and Health Standard 29 CFR 1910 Subpart Z.	
UN: Does not appear on the Dangerous Goods List.			

## 16. Other Information

This MSDS has been prepared in compliance with United States OSHA Hazard Communication Standard 29 CFR 1910.1200 and the United Nations Globally Harmonized System for the Classification and Labeling of Chemicals.

**Disclaimer:** To the best of our knowledge, the information contained herein is accurate. However, we cannot assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.