

# SAFETY DATA SHEET

## Section 1: Identification

**Product Name:** Soflex

**Recommended Use:** Interior construction of curved items, walls, ceilings, furniture, fixtures, cabinetry, displays, etc.

**Manufacturer Information:** Kerfkore / Lightfoot Inc.  
2630 Sidney Lanier Drive  
Brunswick, GA 31525

**In Emergency Call:** 911

**For Information About This SDS, Call:** 912-264-6496

## Section 2: Hazard(s) Identification

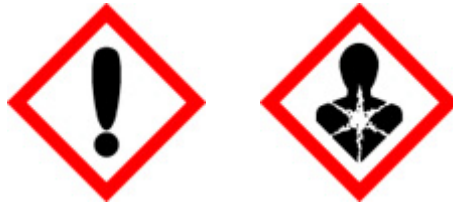
**Emergency Overview:** This product is not hazardous in the form in which it is shipped but may become hazardous by downstream activities

**Physical Hazards:** Not Classified

**Health Hazards:** May cause eye irritation  
May cause respiratory irritation Causes skin irritation  
May cause damage to organs

**Signal Word(s):** Warning

**Pictograms:**



**Hazard Statements**

**Precautionary Statements:** Do not eat, drink or smoke when using this product. Use of eye protection, protective clothing and dust mask recommended when processing material. Use well ventilated workplace preferable with dust extraction methods. Prevent dust accumulation to minimize explosive hazard. Keep away from heat, sparks, open flames and other hot surfaces.

## Section 3: Composition/ Information on Ingredients

Chemical Name	Common Name	CAS#	Concentration
N/A	Wood	N/A	85-93%
N/A	Urea Polymer w/Formaldehyde	CAS - 9011-05-6	1-<8 %
N/A	Formaldehyde	CAS - 50.00.0	<0.1 %
N/A	Vinyl Acetate	CAS - 108.05.4	<0.4 %
NA	Paper	N/A	≈2 %

## Section 4: First-Aid Measures

**After Skin Contact:** If irritation develops, wash with soap and water. If skin irritation or rash occurs get medical attention.

<b>After Eye Contact:</b>	Do not rub eyes. Flush immediately with plenty of water for 5-10 mins. Get medical attention if irritation persists.			
<b>After Inhalation:</b>	Remove from the area of exposure. Loosen clothing as necessary and position individual in comfortable position. If coughing persists, get medical attention.			
<b>After Swallowing:</b>	If wood dust is swallowed get immediate medical attention.			
<b>Section 5: Fire-Fighting Measures</b>				
<b>Suitable Extinguishing Agents:</b>	Use water, dry chemical, chemical foam or carbon dioxide. Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition.			
<b>Unsuitable Extinguishing Media:</b>	Do not use jet stream water spray as this may cause dust to become airborne and create a flash fire hazard.			
<b>Special Protective Equipment for Firefighters:</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.			
<b>Section 6: Accidental Release Measures</b>				
<b>Personal Precautions, Protective Equipment and Emergency Procedures:</b>	Use only non-sparking tool to remove dust spills. Dust deposits should not accumulate on surfaces as these may form a potentially explosive situation if released in to the air in enough quantities. Wear protective equipment and ensure adequate ventilation.			
<b>Section 7: Handling and Storage</b>				
<b>Handling:</b>	Provide appropriate dust exhaust removal at machinery being used to process material. Avoid dust accumulation in areas being uses machine materials as horizontal surfaces can collect airborne dust particulates and can pose a fire hazard if flash fire or exposing might occur. Good housekeeping methods should be in place to prevent dust from accumulating on horizontal surfaces.			
<b>Storage:</b>	Store flat protected from direct contact with ground or floor. Store away from and extreme heat or open flame areas. Store in cool dry area.			
<b>Section 8: Exposure Controls/Personal Protection</b>				
<b>Control Parameters</b>				
<b>OSHA</b>				
<b>Components</b>	<b>Type</b>	<b>Value</b>		
CAS 50-00-0 Formaldehyde	TWA	0.75 ppm		
NA - Cured Urea Solids	TWA	10 mg/m3		
<b>ACGIH</b>				
<b>Components</b>	<b>Type</b>	<b>Value</b>		
Wood Dust	TWA	1 mg/m3		
Cured Resin Solids	TWA	5 mg/m3		
Formaldehyde (CAS 50-00-0)	Ceiling	.3 ppm		
<b>Appropriate Engineering Control:</b>	Due to dust being caused during machining fire precautions should be used to provide exhaust from tooling and captured in approved filtration methods.			

<b>General Protective and Hygienic Measures:</b>	Wash hands before breaks and at the end of work. Avoid contact with skin and eyes during processing of material.
<b>Protection of Skin:</b>	Wearing appropriate clothing along with cloth, canvas or leather gloves for protection against abrasion during handling of material.
<b>Eye Protection:</b>	Safety glasses or goggles are recommended when processing the material.
Section 9: Physical and Chemical Properties	
<b>Form:</b>	Solid
<b>Color:</b>	Various
<b>Odor:</b>	Not Determined
<b>Odor Threshold:</b>	Not Determined
<b>pH:</b>	Not Determined
<b>Melting Point/Range:</b>	Not Applicable
<b>Boiling Point/Range:</b>	Not Applicable
<b>Flash Point:</b>	Not Applicable
<b>Evaporation Rate:</b>	Not Applicable
<b>Flammability:</b>	Not Determined
<b>Upper/Lower Flammability or Explosive Limits:</b>	Not Determined
<b>Auto Ignition Temperature:</b>	≈ 400 - 500°F
<b>Partition Coefficient:</b>	Not Applicable
<b>Danger of Explosion:</b>	Not Determined
<b>Vapor Pressure:</b>	Not Applicable
<b>Vapor Density:</b>	Not Applicable
<b>Relative Density:</b>	Not Determined
<b>Density:</b>	0.40 - 0.80
<b>Decomposition Temperature:</b>	Not Applicable
<b>Solubility In/Miscibility with Water:</b>	Insoluble
<b>Viscosity:</b>	Not Determined
<b>Specific Gravity:</b>	Variable
Section 10: Stability and Reactivity	
<b>Reactivity:</b>	Nonreactive under normal conditions.
<b>Chemical Stability:</b>	Material is stable under normal conditions.
<b>Possible Hazardous Reactions:</b>	None under normal conditions.
<b>Conditions to Avoid:</b>	Material may ignite at temperatures over 400 ° F.
<b>Incompatible Materials:</b>	Strong acids or alkalis can alter the product and under high temperature cause polymerization with evolution of formaldehyde, phenol and water.

<b>Hazardous Decomposition Products:</b>	Thermal decomposition may produce irritating toxic fumes and gases including carbon monoxide, carbon dioxide, phenol, formaldehyde or organic acids.
<b>Section 11: Toxicological Information</b>	
<b>Acute Toxicity:</b>	No additional information
<b>Chronic Toxicity:</b>	No additional information
<b>Corrosion Irritation:</b>	No additional information
<b>Sensitization:</b>	No additional information
<b>Single Target Organ:</b>	No additional information
<b>Numerical Measures:</b>	No additional information
<b>Carcinogenicity:</b>	Wood dust from sawing, sanding or processing may cause nasal dryness, irritation and coughing. IARC and NTP classifies wood dust as known to be a carcinogen
<b>Reproductive Toxicity:</b>	No reproductive effects
<b>Aspiration Hazard:</b>	Not an aspiration hazard
<b>Section 12: Ecological Information (non-mandatory)</b>	
<b>Ecotoxicity:</b>	These wood products are not classified as environmentally hazardous.
<b>Section 13: Disposal Considerations (non-mandatory)</b>	
<b>Disposal Instructions:</b>	Safe waste disposal guidelines should be followed in accordance with federal, state and local regulations. If disposed in purchased form incineration is preferred but dry land disposal is acceptable in most states.
<b>Section 14: Transport Information (non-mandatory)</b>	
<b>DOT:</b>	Not regulated as dangerous material
<b>IATA:</b>	Not regulated as dangerous material
<b>IMDG:</b>	Not regulated as dangerous material
<b>UN:</b>	Not regulated as dangerous material
<b>Section 15: Regulatory Information (non-mandatory)</b>	
<b>US Federal Regulations</b>	
<b>TSCA</b>	
<b>(Toxic Substance Control Act):</b>	All ingredients are Listed
<b>SARA Section 311/312</b>	
<b>Specific Toxic Chemical Listings:</b>	Fire
<b>SARA Section 313</b>	
<b>Specific Toxic Chemical Listings:</b>	N/A - Wood Dust 50-00-0 – Formaldehyde
<b>RCRA</b>	
<b>(Hazardous Waste Code):</b>	None of the ingredients are listed

<b>CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act):</b>	50-00-0 - Formaldehyde
<b>US State Regulations</b>	
<b>California Proposition 65 Chemicals Known to Cause Cancer:</b>	NA - Wood Dust CAS 50-00-0 Formaldehyde
<b>California Proposition 65 Warning:</b>	Machining, sanding, drilling or sawing wood products generates wood dust and other substances known to the State of California to cause cancer. Void inhaling dust generated from wood products of use a dust mask of other similar safeguards for personal protection
<b>Canadian Regulations</b>	
<b>DSL (Domestic Substance List):</b>	50-00-0 Formaldehyde
<b>NPRI Ingredient Disclosure List (Limit 0.1%):</b>	None of the ingredients are listed
<b>Section 16: Other Information</b>	
<b>Issue Date:</b>	01/31/18
<b>Further Information:</b>	See NFPA 654, Standard for the Preventing of Fire and Dust Explosions from the Manufacturing, Processing and Handling of Combustible Particulate Solids, for safe handling.
<b>Disclaimer:</b>	This SDS is intended to provide information that allows the user to be better informed on how to use these products safely without creating additional hazards. Kerfkore believes that this information is accurate and has been gathered using sources believed to be reliable. It is offered for your review and investigation. Kerfkore makes no warranty concerning the accuracy of completeness of the provided information. Material processors should be made aware of these precautions and provide assistance where requested from employees.