

SAFETY DATA SHEET

KERFKORE[®] COMPANY

SECTION 1. Identification

Product name: Kerfkore[®], Flexboard[®], Timberflex

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

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

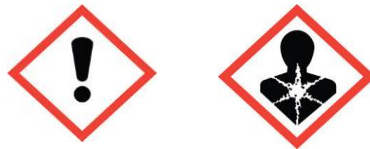
Telephone Number: 1-912-264-6496

SECTION 2. Hazards 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 Warning

Hazard Statement

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

Ingredients	Common Name	Percentage
CAS number		
N/A	Wood	85-93 %
CAS - 9011-05-6	Urea Polymer w/formaldehyde	1-<8 %
CAS - 50.00.0	Formaldehyde	<0.1 %
CAS - 108.05.4	Vinyl Acetate	<0.4 %
NA	Cured Resin Solids	5-13%
N/A	Paper	≈2 %

SECTION 4. First aid measures

Inhalation	Remove from the area of exposure. Loosen clothing as necessary and position individual in comfortable position. If coughing persist get medical attention.
Skin contact	If irritation develops, wash with soap and water. If skin irritation or rash occurs get medical attention.
Eye contact	Do not rub eyes. Flush immediately with plenty of water for 5-10 mins. Get medical attention if irritation persists.
Ingestion	If wood dust is swallowed get immediate medical attention.

SECTION 5. Firefighting measures

Suitable extinguishing media	Use water, dry chemical, chemical foam or carbon dioxide. Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition.
Unsuitable extinguishing media	Do not use jet stream water spray as this may cause dust to become airborne and create a flash fire hazard.
Advice for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	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 sufficient quantities. Wear protective equipment and ensure adequate ventilation.
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SECTION 7. Handling and storage

Precautions for safe handling	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 particulars 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.
Conditions for safe storage	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.

SECTION 8. Exposure controls/personal protection

Control parameters	OSHA		
	Components	Type	Value
	CAS 50-00-0 Formaldehyde	TWA	0.75 ppm
	NA - Cured Urea Solids	TWA	10 mg/m3
	ACGIH		
	Components	Type	Value
Wood dust	TWA	1 mg/m3	
Cured Resin Solids	TWA	5 mg/m3	
Formaldehyde (CAS 50-00-0)	Ceiling	.3 ppm	
Appropriate engineering control	Due to dust being caused during machining fire precautions should be used to provide exhaust from tooling and captured in approved filtration methods.		

Protection of skin	Wearing appropriate clothing along with cloth, canvas or leather gloves for protection against abrasion during handling of material.
Eye protection	Safety glasses or goggles are recommended when processing the material.
General hygiene considerations	Wash hands before breaks and at the end of work. Avoid contact with skin and eyes during processing of material.

SECTION 9. Physical and chemical properties

Appearance: Physical	Solid	Odor	Not determined
Color	Various	Odor Threshold	Not determined
pH	Not determined	Melting/freezing point	Not applicable
Boiling point and range	Not applicable	Flash point	Not applicable
Evaporation rate	Not applicable	Flammability	Not determined
Explosion limit lower	Not determined	Explosion limit upper	Not determined
Vapor pressure	Not applicable	Vapor density	Not applicable
Relative density	Not determined	Solubilities	Insoluble
Partition coefficient	Not applicable	Auto ignition temperature	≈ 400 - 500°F
Decomposition temperature	Not applicable	Viscosity	Not determined
Density	0.40 - 0.80	Specific Gravity	Variable

SECTION 10. Stability and reactivity

Reactivity	Nonreactive under normal conditions.
Chemical stability	Material is stable under normal conditions
Possible hazardous reactions	None under normal conditions
Conditions to avoid	Material may ignite at temperatures over 400 ° F
Incompatible materials	Strong acids or alkalis can alter the product and under high temperature cause polymerization with evolution of formaldehyde, phenol and water.
Hazardous decompositions products	Thermal decomposition may produce irritating toxic fumes and gases including carbon monoxide, carbon dioxide, phenol, formaldehyde or organic acids.

SECTION 11. Toxicological information

Acute Toxicity	No additional information
Chronic Toxicity	No additional information
Corrosion irritation	No additional information
Sensitization	No additional information
Single target organ	No additional information
Numerical measures	No additional information
Carcinogenicity	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
Reproductive Toxicity	No reproductive effects
Aspiration hazard	Not an aspiration hazard

SECTION 12. Ecological information

Eco toxicity These wood products are not classified as environmentally hazardous.

SECTION 13. Disposal considerations

Disposal instructions 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.

SECTION 14. Transportation information

DOT Not regulated as dangerous material

IATA Not regulated as dangerous material

IMDG Not regulated as dangerous material

UN Not regulated as dangerous material

SECTION 15. Regulatory information

US federal regulations

TSCA (Toxic Substance Control Act)

All ingredients are listed

SARA Section 311/312 Specific toxic chemical listings

Fire

SARA Section 313 Specific toxic chemical listings

N/A - Wood dust

RCRA (hazardous waste code)

50-00-0 - Formaldehyde

CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act)

None of the ingredients are listed

50-00-0 - Formaldehyde

US state regulations

California Proposition 65

Chemicals know to cause cancer

NA - Wood dust

CAS 50-00-0 Formaldehyde

California Proposition 65 warning: 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

Canadian Regulations

DSL (domestic substance list)

50-00-0 Formaldehyde

NPRI Ingredient Disclosure list (limit 0.1%)

none of the ingredients are listed

SECTION 16. Other information

Issue Date

01/31/18

Further information

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.

Disclaimer

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.

Kerkore believes that this information is accurate and has been gathered using sources believed to be reliable. It is offered for your review and investigation. Kerkore makes no warranty concerning the accuracy or completeness of the provided information.

Material processors should be made aware of these precautions and provide assistance where requested from employees.