

SAFETY DATA SHEET

Section 1: IDENTIFICATION

Product Name: Kwik-Seal® Fine, Medium, Course
Wood, wood fibers, ground hulls or shells
CAS Number --
Synthetic Flakes
CAS Number --

Recommended Use: Lost circulation material

Uses Advised Against: None known

Manufacturer/Supplier: Bri-Chem Supply Ltd.
27075 Acheson Road
Acheson, AB T7X 6B1

Phone Number: 780-962-9490

Emergency Phone: CHEMTREC 1-800-424-9300 (Canada and USA 24 hours a day, 7 days a week)

Section 2: HAZARD(S) IDENTIFICATION

Classification of The Substance or Mixture

Physical Hazards: Not classified
Health Hazards: Not classified
Environmental Hazards: Not classified

Label Elements

Symbols/Pictograms: None
Signal Word: None

Hazard Statement

Precautionary Statements

Prevention: Employ good industrial hygiene practice. Do not handle until all safety precautions have been read and understood. Do not breathe dust. Wear protective gloves/protective clothing/eye protection/face protection. Combustible dust may form combustible (explosive) dust-air mixtures. Take precautionary measures against static discharges.

Response: If exposed or concerned: Get medical advice/attention. Wash with plenty of soap and water.

Storage: Store away from incompatible materials. Keep in a dry place.

Disposal: Dispose of contents/containers in accordance with local regulations.

Hazards not Otherwise Classified: Combustible dust may form combustible (explosive) dust-air mixtures. Slippery, can cause falls if walked on.

SAFETY DATA SHEET

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Australia (AICC)	New Zealand	TSCA: United States	Hazardous Substances
Wood, wood fibers, ground hulls or shells CAS Number-N/A	-	-	-	No
Synthetic Flakes CAS Number-N/A	-	-	-	No

Section 4: FIRST-AID MEASURES

Description of First Aid Measures

Eye Contact:	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Skin Contact:	Wash with plenty of soap and water.
Ingestion:	Rinse mouth thoroughly with water.
Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Most Important Symptoms and Effects, both Acute and Delayed:	None known
Indication of any Immediate Medical Attention and Special Treatment Needed:	Treat symptomatically. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.

Section 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media:	Water spray (fog), dry chemical foam.
Unsuitable Extinguishing Media:	None known
Special Hazards Arising from The Substance or Mixture:	Avoid dust formation
Hazardous Combustion Products:	Carbon dioxide, carbon monoxide, aldehydes, organic acids.
Advice for Fire-Fighters	
Special Protective Equipment for Fire-Fighters:	Wear self-contained breathing apparatus and protective suit.
Fire-Fighting Measures:	Combustible dust may form combustible (explosive) dust air mixtures.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:	Avoid dust formation. Avoid inhalation of dust. Use personal protection recommended in Section 8.
For Non-Emergency Personnel:	Keep unauthorized personnel away.
For Emergency Responders:	Keep unauthorized personnel away. Use personal protection recommended in Section 8.
Environmental Precautions:	Avoid runoff to waterways and sewers. Dispose of in accordance with federal, state and local regulations.
Methods and Material for Containment and Cleaning Up:	Large Spill: Do not dry sweep dust. Wet dust with water before sweeping or use a vacuum to collect dust. Small Spill: Vacuum or sweep material and place in a disposal container.
Reference to Other Sections:	Section 8: Exposure Controls and Personal Protection. See Section 13 for additional waste treatment information.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling:	Minimize dust generation and accumulation. Avoid significant deposits of material, especially on horizontal surfaces, which may become airborne and form combustible dust clouds and may contribute to secondary explosions. This material can be ignited by heat, sparks, flames or other sources of ignition (e.g., static electricity, pilot lights, mechanical/electrical equipment, and electronic devices such as cell phones, computers, calculators and pagers which have not been certified as intrinsically safe). Keep away from heat/sparks/open flames/hot surfaces. No smoking. Avoid contact with skin, eyes or clothing. Avoid prolonged contact with material. Use personal protection recommended in Section 8. Employ good industrial hygiene practice.
Conditions for Safe Storage, Including any Incompatibilities:	Keep container tightly closed and dry. Store away from incompatible materials. See Section 10.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

Occupational Exposure Limits

Wood, Wood Fibers, Ground Hulls or Shells:	Not established
Synthetic Flakes:	Not established The creation of aerosols should be avoided.

SAFETY DATA SHEET

Exposure Controls

Engineering Measures: Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/Face Protection: Wear safety glasses with side shields (or goggles).

Skin and Body Protection: Wear suitable protective clothing.

Hand Protection: For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn.

Respiratory Protection: Use NIOSH/MSHA approved respiratory protection equipment when airborne exposures exceeds established guidelines.

Thermal Hazards: None known

Hygiene Measures: Follow general hygiene considerations recognized as common good workplace practices.

Environmental Exposure Controls: Dispose of in accordance with local regulations.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State: Flakes. Granulate

Form: Not determined

Color: Tan to brown

Odor: Mild

Odor Threshold: No information available

pH: No information available

Melting Point/Melting Range: Not applicable

Boiling Point: Not applicable

Flash Point: Not applicable

Evaporation Rate: Not applicable

Flammability (Solid, Gas): Combustible

Vapor Pressure: Not applicable

Vapor Density: Not applicable

Water Solubility: Insoluble

Partition Coefficient: No information available

Autoignition Temperature: Not applicable

Oxidizing Properties: Not applicable

Fat Solubility (g/l): None

Section 10: STABILITY AND REACTIVITY

Reactivity:	No data available
Chemical Stability:	Stable under normal conditions
Possibility of Hazardous Reactions:	None under normal processing
Conditions to Avoid:	Keep away from heat, sparks and flame.
Incompatible Materials:	None known
Hazardous Decomposition Products:	Carbon dioxide (CO ₂), Nitrogen oxides (NO _x), Organic acids aldehydes cyanide compounds incomplete combustion and thermolysis may produce gases of carrying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. These may be highly dangerous if inhaled in confined spaces or at high concentrations.

Section 11: TOXICOLOGICAL INFORMATION

General Information: Users are advised to consider national Occupational Exposure Limits or other equivalent values.

Information on Likely Routes of Exposure

Inhalation:	Inhalation of dust may cause irritation of the respiratory system. May cause respiratory tract irritation.
Skin:	Prolonged exposure may cause skin irritation.
Eyes:	May cause irritation
Ingestion:	None known
Symptoms:	Inhalation of dust may cause irritation of the respiratory system.

Information on Toxicological Effects

Acute Toxicity:	Based on available data, the classification criteria are not met.
Serious Eye Damage/Eye Irritation:	Based on available data, the classification criteria are not met.
Respiratory Sensitization:	Based on available data, the classification criteria are not met.
Skin Corrosion/Irritation:	Prolonged or repeated contact may dry skin and cause irritation.
Skin Sensitization:	Based on available data, the classification criteria are not met.
Germ Cell Mutagenicity:	Based on available data, the classification criteria are not met.
Reproductive Effects:	This product does not contain any known or suspected reproductive hazards.

SAFETY DATA SHEET

Carcinogenicity:	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
Specific Target Organ Toxicity – Single Exposure:	Based on available data, the classification criteria are not met.
Specific Target Organ Toxicity – Repeated Exposure:	Based on available data, the classification criteria are not met.
Chronic Effects:	Based on available data, the classification criteria are not met.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity:	Not classified
Wood, Wood Fibers, Ground Hulls or Shells – CAS Number – N/A	
96-Hour LC50	Crustacea 1000000 ppm Acute
Synthetic Flakes – CAS Number – N/A	
96-Hour LC50	Crustacea 1000000 ppm Acute
Persistence and Degradability:	Inherently biodegradable, not fulfilling criteria.
Bioaccumulative Potential:	No information available
Partition Coefficient:	Not available
Bioconcentration Factor (BCF):	Not available
Mobility in Soil:	No information available
Results of PBT and vPvB Assessment:	This substance does not meet the criteria for classification as PBT or vPvB.
Other Adverse Effects:	None known

Section 13: DISPOSAL CONSIDERATIONS

Waste Treatment Methods	
Contaminated Packaging:	Empty containers should be taken to an approved waste handling site for recycling or disposal.
Waste Codes:	Waste codes should be assigned by the user based on the application for which the product was used.
Disposal Methods:	Dispose of waste product or used containers according to local regulations.

SAFETY DATA SHEET

Section 14: TRANSPORT INFORMATION

Mode of Transportation (Road, Water, Air and Rail)

ICAO: Not regulated

IMDG/IMO: Not regulated

RID: Not regulated

DOT: Not regulated

Transport in Bulk According to Annex II of MARPOL 73/78 and The IBC Code: Not applicable

Section 15: REGULATORY INFORMATION

Safety, Health and Environmental Regulations/Legislation Specific for The Substance or Mixture

Global Inventories

	Wood, Wood Fibers, Ground Hulls or Shells CAS Number – N/A	Synthetic Flakes CAS Number – N/A
Australia (AIIIC)	-	-
Canada (DSL)	-	-
China (IECSC)	-	-
EU Reach Registration Number	-	-
EC NO	-	-
Japan	-	-
S. Korea (KECL)	-	-
Mexico	-	-
New Zealand	-	-
Philippines	-	-
Taiwan	-	-
United States (TSCA)	-	-

Legend

X/Y: Complies A: Active -/N: Exempt, Not listed

Section 16: OTHER INFORMATION

NFPA Rating: Health -1 Flammability -0 Physical Hazards -0

Abbreviations and Acronyms

- IARC (International Agency for Research on Cancer)
- IATA (International Air Transport Association)
- IMDG (International Maritime Dangerous Goods)
- IUCLID (International Uniform Chemical Information Database)
- WHMIS (Workplace Hazardous Materials Information System)
- EPA SARA Title III Section 312 (40 CFR 370) Hazard Classification
- DOT (Department of Transportation)
- OSHA (Occupational Safety and Health Administration of the US Department of Labor)
- TWA (Time-Weighted Average)
- Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) CLP (The Classification, Labeling and Packaging of Substances and Mixtures Regulation (EC 1272/2008))

SAFETY DATA SHEET

PPE (Personal Protection Equipment)
NIOSH (National Institute for Occupational Safety and Health)
TDG (Transport of Dangerous Goods) Canada
CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act)
RQ (Reportable Quantity) (RQ/% in mixture)
STEL (Short Term Exposure Limit)
TLV® (Threshold Limit Value)
DNEL (Derived No Effect Level)
SVHC (Substances of Very High Concern)
Land transport (ADR/RID)
BOD (Biochemical oxygen demand)
COD (Chemical oxygen demand)
ICAO (International Civil Aviation Organization)
IMDG (International Maritime Dangerous Goods)
SCBA (Self-Contained Breathing Apparatus) Positive Pressure
PNEC (Predicted No Effect Concentration)
GHS (Globally Harmonized System)

Disclaimer:

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Prepared by: Bri-Chem Supply Ltd.

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