



SAFETY DATA SHEET

(Revision: 12/07/2018)

Regulation (EC) No 1907/2006, US OSHA Hazcom 2012 (29CFR1910.1200), Canada WHMIS 2015

Section 1 Identification of the Substance/Preparation and of the Company/Undertaking.

1.1 Product Identifier

Product Type: Label Base Paper
Trade Name: Ringliner

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Product Use: Various medical packaging paper product applications
Uses Advised Against: For professional use only.

1.3 Details of the Supplier of the Substance or Mixture

Manufacturer:

Whip Mix Corporation
361 Farmington Avenue
Louisville, Kentucky, USA 40209
Emergency Telephone Number: (502) 634-1451
Fax Number: (502) 634-4512

EU Importer

Whip Mix Europe GmbH
Wißstrasse 26 – 28
D – 44137 Dortmund
Germany
+49 (0) 231 / 567 70 8-0

1.4 Emergency Telephone Number

Transportation Emergencies: **CHEMTREC 1(800) 424-9300 (U.S. and Canada)**
International Calls: 1- 703-527-3887 (Collect calls accepted)

Medical Emergencies:

Other Product Information: www.whipmix.com

Section 2 Hazard Identification

2.1 Classification of the Substance or Mixture:

CLP/GHS Classification (1272/2008):

Health Hazards	Physical Hazards	Environmental Hazards
Not Hazardous	Not Hazardous	Not Hazardous

US OSHA Specific Hazards:

Combustible Dust

2.2 Label Elements:

WARNING!

Hazard Phrases:

May form combustible dust concentrations in air.

2.3 Other Hazards: None

Section 3 Composition/Information on Ingredients.

<u>Substance</u>	<u>CAS No. / EC Number</u>	<u>%</u>	<u>CLP/GHS Classification (1272/2008)</u>
Cellulose Pulp	Mixture	99-100	Not Hazardous

Non-Hazardous Ingredients	Proprietary	0-1	Not Hazardous
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See Section 16 for full text of GHS Classifications.

The exact percentage of composition has been withheld as a trade secret.

Section 4 First-Aid Measures.

4.1 Description of First Aid Measures:

Inhalation: No first aid should be required; if exposed to dust generated during cutting or handling: remove exposed person to fresh air.

Eyes: Flush eye(s) with plenty of water while holding open eyelids open. Remove contact lenses if safe and easy to do. Get medical attention if irritation occurs and persists.

Skin: Flush thoroughly with water and seek medical attention if irritation persists.

Ingestion: Do not induce vomiting unless directed to do so by a medical professional. Seek medical attention if large quantities are ingested.

4.2 Most Important symptoms and effects, both acute and delayed: Contact with dust may cause eye irritation. Inhalation of dust or strong odors that may be generated from cutting or other processing of product may cause mucous membrane and upper respiratory irritation.

4.3 Indication of any immediate medical attention and special treatment needed: Immediate medical attention is not required.

Section 5 Fire-Fighting Measures.

5.1 Extinguishing Media: Water, water fog, foam, carbon dioxide, dry chemical.

5.2 Special Hazards Arising from the Substance or Mixture: Direct water stream may suspend fine dust particles and form an explosive dust hazard.

5.3 Advice for Fire-Fighters: Firefighters should wear full emergency equipment and approved positive pressure self-contained breathing apparatus.

Section 6 Accidental Release Measures.

6.1 Personal Precautions, Protective Equipment and Emergency Procedures: No special precautions required. If cutting or tearing (which produces dust) wear safety glasses with side-shields to protect eyes. Avoid inhalation of dust.

6.2 Environmental Precautions: Report releases as required by local and national authorities.

6.3 Methods and Material for Containment and Cleaning Up: Pick up and place in a suitable container for use or disposal. Avoid dust generation.

6.4 Reference to Other Sections: Refer to Section 8 for personal protective equipment and Section 13 for disposal information.

Section 7 Handling and Storage.

7.1 Precautions for Safe Handling: This product is not a hazardous material in solid form. Minimize the generation and accumulation of dust. If dust is generated, avoid breathing dust and contact with eyes.

7.2 Conditions for Safe Storage, Including any Incompatibilities: Store in a cool, dry, well-ventilated area away from oxidizers and other incompatible materials.

7.3 Specific end use(s):

Industrial uses: None identified

Professional uses: None identified

Section 8 Exposure Controls/Personal Protection

8.1 Control Parameters:

Cellulose Pulp (as Cellulose)	10 mg/m ³ TWA ACGIH TLV 15 mg/m ³ TWA OSHA PEL (Total dust) 5 mg/m ³ TWA OSHA PEL (Respirable fraction) 10 mg/m ³ TWA UK WEL (Inhalable)
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	4 mg/m ³ TWA UK WEL (Respirable) 20 mg/m ³ STEL UK WEL (Inhalable)
Non-Hazardous Ingredients	None established

8.2 Exposure Controls:

Recommended Monitoring Procedures: None.

Appropriate engineering controls: Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

Personal Protective Measurers

Respiratory protection: No special ventilation normally required. If the exposure limits are exceeded an approved organic vapor respirator with dust/mist pre-filters appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 applicable regulations and good industrial hygiene practice.

Skin protection: For prolonged use wear rubber gloves. Contact your glove supplier for selection assistance. In Europe follow EN 374.

Eye protection: Chemical safety glasses or goggles are recommended to avoid eye contact with dust. In Europe follow EN 166.

Other: Impervious clothing as needed to avoid contamination of personal clothing.

Section 9 Physical and Chemical Properties.

9.1 Information on basic Physical and Chemical Properties:

Appearance: Natural to cream colored solid

Odor: Synthetic rubber latex odor

Odor threshold: Not applicable

Melting point/freezing point: Not applicable

Flash point: Not applicable

Flammability (solid, gas): Combustible dust

Flammable limits: LEL: Not applicable

Vapor pressure: Not applicable

Relative density: Not applicable

Partition coefficient: n-octanol/water: Not applicable

Decomposition temperature: Not available

Explosive Properties: Dust may present an explosion hazard if suspended in air at high concentrations.

pH: Not applicable

Boiling point: Not applicable

Evaporation rate: Not applicable

UEL: Not applicable

Vapor density (air = 1): Not applicable

Solubility In Water: Insoluble

Auto-ignition temperature: Not available

Viscosity: Not applicable

Oxidizing Properties: Not applicable

9.2 Other Information: None available

Section 10 Stability and Reactivity.

10.1 Reactivity: None reactive

10.2 Chemical stability: Stable under normal storage and handling conditions.

10.3 Possibility of hazardous reactions: Avoid heat, sparks, and open flame when product is in dust form. Dust generated from cutting or other processing of this material may present an explosion hazard if suspended in air at high concentrations.

10.4 Conditions to avoid: Avoid temperatures above the recommended temperature (375°F/190°C).

10.5 Incompatible materials: Strong oxidizing agents, reducing agents, acids and bases

10.6 Hazardous decomposition products: Thermal decomposition will produce carbon monoxide, carbon dioxide.

Section 11 Toxicological Information.

11.1 Information on Toxicological Effects:

Potential Health Effects:

Eyes: Dust may cause mild irritation.

Skin: None expected. Prolonged contact with dust may cause mild irritation.

Ingestion: No harmful effects expected.

Inhalation: Inhalation of dusts or strong odors that may be generated from cutting or other processing of product may cause mucous membrane and upper respiratory irritation.

Chronic Health Effects: None known

Acute Toxicity Data: No data available

Skin Corrosion/Irritation: None of the components are classified as causing skin irritation.

Serious Eye Damage/Irritation: None of the components are classified as causing eye irritation. Dust may cause mechanical irritation.

Respiratory or Skin Sensitization: None of the components have been shown to cause skin or respiratory sensitization in animals or humans.

Germ Cell Mutagenicity: No data available

Carcinogenicity: None of the components are listed as a carcinogen by IARC, NTP, OSHA or the EU CLP.

Reproductive Toxicity: No adverse effects on reproduction are known.

Specific Target Organ Toxicity:

Single Exposure: No data available.

Repeat Exposure: No data available.

Aspiration Hazards: This product does not meet the criteria for aspiration toxicity.

Section 12. Ecological Data.

12.1 Ecotoxicity: No data currently available

12.2 Persistence and degradability: No data currently available

12.3 Bioaccumulative potential: No data currently available

12.4 Mobility in soil: No data currently available

12.5 Results of PBT and vPvB assessment: Not required

12.6 Other adverse effects: Not required

Section 13. Disposal Considerations.

13.1 Waste Treatment Methods: Dispose in accordance with all national and local regulations.

Section 14. Transport Information.

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
US DOT	None	Not Regulated	None	None	Not Applicable
CanadianTDG	None	Not Regulated	None	None	Not Applicable
EU ADR/RID	None	Not Regulated	None	None	Not Applicable
IMDG	None	Not Regulated	None	None	Not Applicable
IATA/ICAO	None	Not Regulated	None	None	Not Applicable

14.6 Special precautions for User: Not applicable

14.7 Transport in Bulk According to Annex III MARPOL 73/78 and the IBC Code): Not applicable – product is transported only in packaged form.

Section 15 Regulatory Information.

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

US Regulations

SARA Section 313 (40 CFR 372): This product contains the following toxic chemical(s) subject to reporting requirements of SARA 313: None

SARA Section 311/312 (40 CFR 370) Hazard Categories: See OSHA Hazard Classification in Section 2.

Comprehensive Environmental Response and Liability Act of 1980 (CERCLA): This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

Toxic Substances Control Act (TSCA): All of the components of this product are listed on the TSCA inventory or exempted from TSCA.

California: This product does not contain chemicals listed per the Safe Drinking Water and Toxic Enforcement Act of 1986.

Canadian Regulations

Canadian Environmental Protection Act: All of the components of this product are listed on the Canadian Domestic Substances List (DSL) or has a quantity limitation.

International Chemical Inventories

Australia: Information not available for this product

China: All of the components in this product are listed on the Inventory of Existing Chemical Substances in China (IECSC) or exempt.

European Union: All the components in this product are listed on the EINECS inventory or exempt.

Korea: Information not available for this product

New Zealand: Information not available for this product

Philippines: Information not available for this product

15.2 Chemical safety assessment: None required

16. Other Information.

HMIS Rating: Health 0 Flammability 2 Reactivity 0
Hazard: 4-Severe; 3-Serious; 2-Moderate; 1-Slight; 0-Minimum

Date Revised: December 7, 2018

Supersedes Date: New SDS

SDS Revision History: New SDS

CLP/GHS Classification and H Phrases for Reference (See Section 3)

None

This SDS conforms to Regulation (EU) No. 1907/2006 and 2015/830, US OSHA Hazcom 2012 (29 CFR1910.1200) and Canada WHMIS 2015.

This product has been classified in accordance with the applicable mixture rules

Prepared By: <i>Denise A. Deeds</i>	Translated By:
Date: 12/7/18	Date: