

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

IDENTITY (As Used on Label and List)

Kraft Converting Paper, Natural & Colored

Synonyms: None

Revision Date: 7/15/08

Supersedes: 6/10/08

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

(Concentrations in milligrams per cubic meter unless otherwise noted)

Specific Chemical Identity (CAS)	<u>OSHA</u>	<u>ACGIH</u>	<u>WISHA</u>				%
	<u>PEL</u>	<u>TLV</u>	<u>STEL</u>	<u>TWA</u>	<u>STEL</u>	<u>IDLH</u>	
Cellulose (9004-34-6) Total/ Respirable	15/5	10/NE	NE	10/5	20/10	ND	balance
Aluminum Sulfate (10043-01-3)		2	NE	2	4	ND	<1%
Total/Respirable (as Al)	15/5	NE	NE	NE	NE	ND	
Soluble salts	NE	2	NE	2	4	ND	
Alkyl Ketene Dimer, Alkenyl Succinic Anhydride, or Rosin Sizing	NE	NE	NE	NE	NE	NE	<1%
Starch (9005-25-8) Total/ Respirable	15/5	10/3	NE	10/5	20/10	ND	<1%

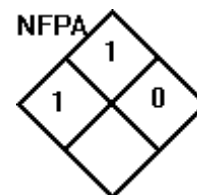
SECTION 3. HAZARDS IDENTIFICATION

WARNING This material may have the following health effects:

Eyes & Inhalation: May cause irritation.

Skin: Rosin size, which is not contained in all kraft paper, can decompose to maleopimaric acid, a potential skin allergen.

Ingestion: Not a normal route of entry.



SECTION 4. FIRST AID MEASURES

Eyes: Flush with water to remove dust particles. If irritation persists, get medical attention.

Skin: If a rash or persistent irritation or dermatitis occur, get medical advice.

Ingestion: NA

Inhalation: Remove to fresh air. If persistent irritation, severe coughing, or breathing difficulties occur, get medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Flash Point (Method Used): N/A

Flammable Limits: auto ignition temperature 400-500°F LEL: 40 mg/m³ UEL: NF

Extinguishing Media: Water, CO₂, or Sand

Special Fire fighting Procedures: Use water to wet down paper dust to reduce the likelihood of ignition or dispersion of dust into air.

Unusual Fire and Explosion Hazards: Paper dust is a strong to severe explosion hazard if a dust "cloud" contacts an ignition source.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Containment: N/A

Clean up: Sweep or vacuum spills for recovery or disposal. Avoid creating dusty conditions.

Disposal: Avoid creating dusty conditions. Dispose of material as directed by supervisor.

Evacuation requirements: N/A

Special Instructions: None

SECTION 7. HANDLING AND STORAGE

Special handling requirements: Avoid creating dusty conditions. Avoid skin contact if allergic to maleopimaric acid.

Location requirements: Store in a dry location.

Temperature limits: N/A

Storage restrictions: Avoid contact with open flame or spark.

Special requirements: Avoid contact with oxidizing agents and drying oils.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection (Specify Type): Dust mask if needed for comfort. Half-face respirator with dust filter if above PEL but less than 10 times the PEL.

Ventilation

Local exhaust: Yes - To control to TLV s.

Mechanical (General): Yes - To control to TLV s.

Special: N/A

Other: N/A

Protective glove type: May be needed depending on dust conditions or if person sensitive to rosin size (if present).

Eye protection type: Goggles or safety glasses depending on dusty conditions.

Other protective clothing or equipment: Eyewash should be available depending on dusty conditions.

Work/Hygienic practices: Dust should be washed off skin as soon as possible.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

This material has the following physical characteristics

Appearance, physical state, and odor: Natural or bleached paper. No discernable odor.

Boiling Point: N/A

Specific Gravity ($H_2O = 1$): Approx. 1

Vapor Pressure (mm Hg): N/A

Melting Point: N/A

Vapor Density (Air = 1): N/A

Evaporation Rate (Butyl Acetate = 1): Negligible

Solubility in Water: Insoluble

pH: N/A

SECTION 10. STABILITY AND REACTIVITY

Stability: Unstable Stable

Conditions to Avoid: NA

Incompatibility (Materials to Avoid): Avoid contact with oxidizing agents and drying oils.

Hazardous Decomposition or Byproducts: Burning of paper fiber produces irritating and toxic fumes and gases including CO, aldehydes and inorganic acids. **Hazardous Polymerization:**

May Occur Will Not Occur

Conditions to Avoid: none

SECTION 11. TOXICOLOGICAL INFORMATION

Route(s) of Entry: Inhalation

Signs and Symptoms of Exposure: Eye contact with dust can result in irritation, reddening and watering of eyes. Inhalation can result in coughing, wheezing, or sneezing. Dryness and irritation of nasal passages could result.

Health Hazards (Acute and Chronic)

Acute: If product is cut, dust can result in eye irritation and nasal dryness or irritation.

Chronic: Rosin size can decompose to maleopimaric acid, a potential skin allergen. Not all Kraft paper covered by this MSDS contains rosin size.

Carcinogenicity: NTP: Not listed IARC: Not listed OSHA: No Prop. 65 No

Reproductive hazard: None found

Medical Conditions Generally Aggravated by Exposure: None known

SECTION 12. ECOLOGICAL INFORMATION

No information found.

SECTION 13. DISPOSAL CONSIDERATIONS

RCRA code: N/A

Washington EHS or DW: N/A

Empty container requirements: N/A

Recommended means of disposal: Recycle

SECTION 14. TRANSPORT INFORMATION

US DOT Identification number: N/A

US DOT Proper shipping name: N/A

SECTION 15. REGULATORY INFORMATION

CERCLA listed chemicals: N/A **CAA listed chemicals:** N/A

SARA 313 listed chemicals: N/A **EPA RMP listed chemicals:** N/A

OSHA PSM listed chemicals: N/A **TSCA listed chemicals:** All ingredients are listed by TSCA

SECTION 16. OTHER INFORMATION

Abbreviations

N/A - Not Applicable; NF - Not found; NE - Not Established; ND - Not Determined; CAS – Chemical Abstract Service Number; DOT - Dept. of Transportation; CERCLA - Comprehensive Environmental Response, Compensation & Liability Act; SARA - Superfund Amendments and Reauthorization Act; EPA - Environmental Protection Agency; OSHA -Occupational Safety and Health Administration; TSCA - Toxic Substance Control Act, N - Normal: the number of gram equivalent weight of the compound per liter of solution.

To the best of our knowledge, the information contained herein is accurate. However, assumes no liability whatsoever for the accuracy or completeness of the information contained herein. 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 that exist.

References:

NIOSH Pocket Guide to Chemical Hazards, June 1997

Merck Index, 13th Edition, Merck & Co, 2001.

WAC 296-62-07515, WISHA web site as of MSDS date.

29CFR1910.1000, OSHA web site as of MSDS date.

ACGIH TLV's AND BEI's 2005.

TSCA and SARA Title III CD, NTIS version 11.1, January 2005.

Pulp & Paper dictionary, John R. Lavigne, Miller Freeman Publications, 1986.

This form is patterned after ANSI Z400.1 and is in compliance with 29 CFR 1910.
