



CRANSTON MACHINERY CO., INC.  
MATERIAL SAFETY DATA SHEET

SECTION I  
PRODUCT IDENTIFICATION

**PRODUCT NAME OR NUMBER:** Grade A, Repulpable Paper Strapping  
**DISTRIBUTORS NAME:** Cranston Machinery Co., Inc  
**ADDRESS (Number, Steet, City, State, Zip Code):** 2251 S.E. Oak Grove Blvd., Oak Grove, OR., 97267  
**DATE:** December 2, 2004.  
**EMERGENCY TELEPHONE NO.:** (503) 654-7751  
**CHEMICAL NAME:** Paper/Wood Product  
**SYNONYM:** Paper Strapping  
**FORMULA:** Product designation  
**MOLECULAR WEIGHT:** N/A  
**TRADE NAME:** Rap Strap  
**HMIS HAZARD RATING (0-4):** HEALTH: 0 FIRE: 1 REACTIVITY: 0

SECTION II  
ACTIVE INGREDIENTS

	OSHA PEL	ACGIH TLV	%	CAS #
Vinyl alcohol polymer and Copolymer dust	5mg/m3	10mg/m3	10	N/A
Glycerine	5mg/m3	10mg/m3	1	56-81-5
Solvent refined paraffinic distillate	5mg/m3	5mg/m3	0.1	N/A
Surfactant			0.2	N/A

SECTION III  
PHYSICAL DATA

**APPEARANCE DATA:** White Paper Twist Strapping  
**ODOR:** Mild  
**BOILING POINT (760mm Hg):** N/A  
**VAPOR PRESSURE:** No data  
**VAPOR DENSITY (air=1):** No data  
**SOLUBILITY IN WATER (%wt.):** Slurry  
**MELTING POINT:** N/A  
**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 0.65  
**PERCENT VOLATILE (v/v):** 12  
**EVAPORATION RATE (ethylether = 1)** No data

SECTION IV  
FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT (test method Setchkin):** 502° F  
**AUTOIGNITON TEMPERATURE (Sketchkin):** No data  
**FLAMMABLE LIMITS IN AIR % BY VOLUME:** LOWER N/A UPPER N/A  
**EXTINGUISHING MEDIA:** water, foam, CO<sub>2</sub> or dry chemical  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None Known  
**SPECIAL FIRE FIGHTING PROCEDURE:** Trained fire fighting personnel should be equipped with self-contained breathing apparatus and full protective gear using standard procedures for Class A fires.

SECTION V  
REACTIVITY DATA

STABILITY: Stable  
INCOMPATIBILITY (materials to avoid): Temperatures above 200 Deg. C.  
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, organic acids aldehydes and alcohols.  
HAZARDOUS POLYMERIZATION: Will not occur.  
CONDITION TO AVOID: Temperatures above 200 Deg. C.

SECTION VI  
HEALTH EFFECTS

THIS MATERIAL IS NOT A CARCINOGEN OR POTENTIAL CARCINOGEN AS DEFINED BY NTP, OSHA, OR IARC.

SKIN CONTACT: Not toxic.  
EYE CONTACT: Mechanical irritation.  
INHALATION: Not a probable route of exposure.  
INGESTION: Not a probable route of exposure.  
The oral LD-50 is greater than 11000 mg/kg of body weight.  
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None Known.  
CHRONIC EFFECTS OF EXPOSURE: None Known.

SECTION VII  
EMERGENCY AND FIRST AID PROCEDURES

SKIN CONTACT: Non-irritable, non-sensitizing, no unusual dermatitis hazard is expected from routine handling.  
EYE CONTACT: Mechanical irritation.  
INHALATION: If exposed to fumes from overheating or from combustion, remove to fresh air.  
INGESTION: Not a probable route of exposure.

SECTION VIII  
PRECAUTION FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: If contaminated, place into container for regular disposal. If not contaminated, place into clean container for use.  
WASTE DISPOSAL METHOD: Disposal must be in accordance with applicable federal, state and local regulations. Determine waste classification at time of disposal. Conditions of use may render the spent product a hazardous waste.  
PRECAUTIONS TO BE TAKEN: Store in sprinklered warehouse.

SECTION IX  
SPECIAL PROTECTIVE INFORMATION

RESPIRATORY PROTECTION: If local ventilation is inadequate, use a respirator for fumes or a dust mask for dust.  
VENTILATION: In the event the product is heated above 200 Deg. C. , local ventilation should be used to avoid exposure to fumes. Use ventilation to avoid exposure of personnel to dust.  
PROTECTIVE GLOVES: Gloves and a long sleeve shirt are recommended.  
EYE PROTECTION: Eye protection is recommended as good industrial hygiene practice.  
OTHER PROTECTIVE EQUIPMENT: As Required.  
PRECAUTIONARY LABELING: None Required.