

COMPANY IDENTITY: PACKAGING SERVICE CO., INC.
PRODUCT IDENTITY: CROWN WASTE PAINT HARDENER
NEW MSDS DATE: 04/17/2007

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MATERIAL SAFETY DATA SHEET

This Material Safety Data Sheet conforms to the requirements of ANSI Z400.1, using the International Chemical Safety Cards of the Global Harmonizing System. THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD). IMPORTANT: Read this MSDS before handling & disposing of this product. Pass this information on to employees, customers, & users of this product.

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

PRODUCT IDENTITY: CROWN WASTE PAINT HARDENER
COMPANY IDENTITY: PACKAGING SERVICE CO., INC.
COMPANY ADDRESS: 1904 MYKAWA ROAD
COMPANY CITY: PEARLAND, TX 77581
COMPANY PHONE: 1-281-485-1458
CHEMTREC PHONE: 1-800-424-9300

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

CONTAINS:
60-100% SODIUM POLYACRYLATE (NOT ASSIGNED)
Number in parentheses is CAS #, number in brackets is European EC #.

CRES01

SECTION 3. HAZARDS IDENTIFICATION

RISK STATEMENTS:
R36/37/38 Irritating to eyes, respiratory system and skin.

SAFETY STATEMENTS:
S24/25 Avoid contact with skin and eyes.

SECTION 4. FIRST AID MEASURES

EYE CONTACT: For eyes, flush with plenty of water for 15 minutes & get medical attention if irritation persists.

SKIN CONTACT: In case of contact with skin wash material off. Wash thoroughly with soap & water.

INHALATION: Avoid inhalation of dusts, which can be irritating. Prolonged contact may cause lung tumors or local inflammation.

SWALLOWING: Rinse mouth. GET MEDICAL ATTENTION IMMEDIATELY. Do NOT give liquids to an unconscious or convulsing person.

SECTION 5. FIRE FIGHTING MEASURES

FIRE & EXPLOSION PREVENTIVE MEASURES: NO open flames.

EXTINGUISHING MEDIA: Use dry powder, carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES: Water spray may be ineffective on fire but can protect fire-fighters & cool closed containers. Use fog nozzles if water is used. Do not enter confined fire-space without full bunker gear. (Helmet with face shield, bunker coats, gloves & rubber boots). Use NIOSH approved positive-pressure self-contained breathing apparatus.

UNUSUAL EXPLOSION AND FIRE PROCEDURES: COMBUSTIBLE! Reacts with most metals producing hydrogen which is extremely flammable & may explode. Keep container tightly closed. Isolate from oxidizers, alkalis, heat, & open flame. Applying to hot surfaces requires special precautions. Closed containers may explode if exposed to extreme heat. Empty container very hazardous! Continue all label precautions!

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE MEASURES: Keep unprotected personnel away. Wear appropriate personal protective equipment given in Section 8.

CONTAINMENT AND CLEAN-UP MEASURES: Stop spill at source. Dike and contain. Collect leaking & spilled liquid in sealable containers as far as possible.

SECTION 7. HANDLING AND STORAGE

HANDLING: Isolate from oxidizers, alkalis, heat, & open flame. Use only with adequate ventilation. Do not get in eyes, on skin or clothing. Wear OSHA Standard full face shield. Consult Safety Equipment Supplier. Wear gloves, apron & footwear impervious to this material. Wash clothing before reuse. Avoid free fall of liquid. Ground containers when transferring. Do not flame cut, braze, or weld. Empty container very hazardous! Continue all label precautions!

STORAGE: Isolate from strong oxidants. Keep container tightly closed & upright when not in use to prevent leakage. Reacts with most metals producing hydrogen which is extremely flammable & may explode. Wear full face shield, gloves & full protective clothing when opening or handling. When empty, drain completely, replace bungs securely.

CRES01 **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION:**

RESPIRATORY EXPOSURE CONTROLS: A respiratory protection program that meets OSHA 29 CFR 1910.134 and ANSI Z86.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

VENTILATION:

LOCAL EXHAUST: Necessary
MECHANICAL (GENERAL): Necessary
SPECIAL: None
OTHER: None

Please refer to ACGIH document, "Industrial Ventilation, A Manual of Recommended Practices", most recent edition, for details.

PERSONAL PROTECTIONS: Wear splash proof goggles, rubber gloves for extended contact. Consult Safety Equipment Supplier. Wear NIOSH approved respirator whenever dust levels exceed recommended exposure limits.

WORK & HYGIENIC PRACTICES: Provide readily accessible eye wash stations & safety showers. Wash at end of each workshift & before eating, smoking or using the toilet. Promptly remove clothing that becomes contaminated. Destroy contaminated leather articles. Launder or discard contaminated clothing.

SECTION 9. PHYSICAL DATA

APPEARANCE :	White granular to fine powder
ODOR :	None
BOILING RANGE :	N/A
AUTO IGNITION TEMPERATURE :	N/A
LOWER FLAMMABLE LIMIT IN AIR (% by vol):	N/A
FLASH POINT (TEST METHOD):	NOT Flammable
FLAMMABILITY CLASSIFICATION:	N/A
GRAVITY @ 68/68 F / 20/20 C :	
SPECIFIC GRAVITY (Water=1) :	0.3-0.7
POUNDS/GALLON :	2.5-5
VOC'S (>0.44 Lbs/Sq In) :	0.0 Vol. % / 0.0 g/L / 0.000 Lbs/Gal
TOTAL VOC'S (TVOC) :	0.0 Vol. % / 0.0 g/L / 0.0 Lbs/Gal
NONEXEMPT VOC'S (CVOC) :	0.0 Vol. % / 0.0 g/L / 0.000 Lbs/Gal
HAZARDOUS AIR POLLUTANTS (HAPS) :	0.0 Wt. % / 0.0 g/L / 0.000 Lbs/Gal
VAPOR PRESSURE (mm of Hg)@20 C	N/A
NONEXEMPT VOC PARTIAL PRESSURE (mm of Hg @ 20 C)	0.0
VAPOR DENSITY (air=1) :	N/A
WATER ABSORPTION :	Appreciable
pH (Neutrality) :	N/A

SECTION 10. STABILITY & REACTIVITY

STABILITY: Stable but absorbs water – keep dry until use.

CONDITIONS TO AVOID: Keep dusts away from ignition sources. & open flame.

MATERIALS TO AVOID: Water can cause slippery mixtures.

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HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide, Carbon Dioxide, Absorbed paint material may cause hazardous decomposition products

HAZARDOUS POLYMERIZATION: Will not occur.

CRES01 SECTION 11. TOXICOLOGICAL INFORMATION

MATERIAL	CAS #	TWA (OSHA)	TLV (ACGIH)	HAP
Sodium Polyacrylate	NOT ASSIGNED	None Known (>.05mg/M3 – respirable)	None Known No	No

This product contains no EPA Hazardous Air Pollutants (HAP) in amounts > 0.1%.

MATERIAL	CAS #	CEILING	STEL (OSHA/ACGIH)
		None Known	None Known

ACUTE HAZARDS

EYE & SKIN CONTACT: Irritation to skin, possible with prolonged contact Irritating to eyes, redness, tearing, blurred vision.

INHALATION: Respiratory tract irritation may occur. Gross overexposure (more than .8 mg/m# have produced tumors on experimental animals.

SWALLOWING: None known

SUBCHRONIC HAZARDS/CONDITIONS AGGRAVATED

CONDITIONS AGGRAVATED: None

CHRONIC HAZARDS

CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS: This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA or ACGIH, as of this date, greater or equal to 0.1%. Repeated skin exposure can result in allergic sensitization and scaling dermatitis. Dimethyl sulfoxide may accelerate the absorption of toxic materials through the skin. These materials may exhibit chronic health effects.

SECTION 12. ECOLOGICAL INFORMATION

MAMMALIAN INFORMATION: No mammalian information is available on this product.

AQUATIC ANIMAL INFORMATION: No aquatic environmental information is available on this product.

MOBILITY: Mobility of this material has not been determined.

DEGRADABILITY: This product is completely biodegradable.

ACCUMULATION: Bioaccumulation of this product has not been determined.

SECTION 13. DISPOSAL CONSIDERATIONS

Processing, use or contamination may change the waste management options. Recycle / dispose of observing national, regional, state, provincial and local health, safety & pollution laws. If in doubt, contact appropriate agencies.

SECTION 14. TRANSPORT INFORMATION

DOT SHIPPING NAME: Not regulated
DRUM LABEL: N/A
IATA / ICAO: Not Regulated
IMO / IMDG: Not Regulated

CRES01 SECTION 15. REGULATORY INFORMATION

EPA REGULATION: SARA SECTION 311/312 HAZARDS: Acute Health, Fire

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All components of this product are on the TSCA list. This material contains no known products restricted under SARA Title III, Section 313 in amounts greater or equal to 1%.

INTERNATIONAL REGULATIONS: The components of this product are listed on the chemical inventories of the following countries: Australia, Canada, Europe (EINECS), Japan, Korea, United Kingdom.

SECTION 16. OTHER INFORMATION

HAZARD RATINGS:

HEALTH (NFPA): 1 HEALTH (HMIS): 2 FLAMMABILITY: 1 REACTIVITY: 1

This information is intended solely for the use of individuals trained in the NFPA & HMIS hazard rating systems.

EMPLOYEE TRAINING: See Section 3 for Risk & Safety Statements. Employees should be made aware of all hazards of this material (as stated in this MSDS) before handling it.

NOTICE: The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process. Unless updated, this Material Safety Data Sheet is valid until 04/17/2010