



## MATERIAL SAFETY DATA SHEET

### Section 1: PRODUCT AND COMPANY IDENTIFICATION

CP Adhesives: 11047 Lambs Lane Newark, OH 43055  
Emergency phone: 800-424-9300 (Chemtrec) 4 letter i.d.= PLOT  
For Orders or Technical Information: 800-454-4583

Product Name/Code: CP-0503

Issue Date: 07-10-2006

### Section 2: HAZARDS IDENTIFICATION

Health - 1 Fire - 1 Reactivity - 0

0 = minimal hazard, 1 = slight hazard, 2 = moderate hazard, 3 = severe hazard, 4 = extreme hazard

#### EMERGENCY OVERVIEW

Appearance/Odor: Tan dry powder with little or no odor.

Potential Health Effects: See Section 11 for more information

Skin absorption: No hazards known.

Eye: May cause irritation on prolonged or repeated contact.

Skin: May cause irritation on prolonged or repeated contact.

Ingestion: May be harmful if swallowed.

Inhalation: Not expected to be harmful under normal conditions of use. However, if allowed to become airborne, may cause irritation of nose, throat and lungs.

Medical Conditions Aggravated By Exposure:

Pre-existing respiratory and skin disorders may be aggravated by exposure to formaldehyde.

Formaldehyde:

Potential Cancer Hazard.

Rats chronically exposed to 14 ppm formaldehyde contracted nasal cancers. Based on animal data and limited epidemiological evidence, NTP and IARC have listed formaldehyde as a probable human carcinogen. OSHA regulates formaldehyde as a potential human carcinogen.

May cause allergic skin reaction. Some reports suggest that formaldehyde may cause respiratory sensitization, such as asthma, and that pre-existing respiratory and skin disorders may be aggravated by exposure.

OSHA has identified 0.5 ppm as the "Action Level".

29CFR 1910.1048. Please refer to the OSHA standard for guidance applicable to your specific operations.

Wood Flour:

May cause allergic skin reaction. May cause allergic respiratory reaction.

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Potential Environmental Effects: See Section 12 for more information

### Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS #	% by Wt.
Formaldehyde	50-00-0	
Wood Flour		

#### **Section 4: FIRST AID MEASURES**

Eye Contact: Immediately flush eyes with plenty of water. Call a physician if irritation persists.

Skin Contact: In case of irritation, flush with water.

Inhalation: Remove to fresh air.

Ingestion: If accidentally swallowed dilute by drinking large quantities of water. Immediately contact poison control center or hospital emergency room for any other additional treatment directions.

#### **Section 5: FIRE FIGHTING MEASURES**

Will burn. Refer to NFPA Pamphlet No. 654, "Prevention of Fire and Dust Explosions in the Chemical, Dye, Pharmaceutical, and Plastic Industries," if this material is to be reduced to or collected as a powder.

Suitable Extinguishing Media: Water spray, dry chemical, "alcohol" foam or CO<sub>2</sub>. Use water to keep fire-exposed containers cool.

Unsuitable Extinguishing Media: Not available.

Products of Combustion: Not available.

#### **Section 6: ACCIDENTAL RELEASE MEASURES**

Personal Precautions: Use personal protection recommended in Section 8.

Environmental Precaution: This material is a water pollutant. Do not let spilled or leaking material enter waterways.

Large quantities: Enclose with diking material to prevent seepage into natural bodies of water, then consult Custom-Pak Adhesives.

Small quantities: Soak up with absorbent material and remove to chemical disposal area.

Methods for Containment: Recover free liquid. Absorb residue and dispose of according to local, state/provincial, and federal requirements.

Methods for Clean-Up: See above.

Other Information: Not available.

#### **Section 7: HANDLING AND STORAGE**

##### **Handling**

Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of the material from eyes, skin and clothing. Wash thoroughly after handling.

Inhalation: Avoid prolonged or repeated breathing of vapor.

Skin: Avoid prolonged or repeated contact with skin.

Eyes: Avoid prolonged or repeated contact with eyes.

##### **Storage**

Storage Life: 12 months @ 70 °F

Keep from freezing.

Do not store near strong oxidizing chemicals.

Store in a tightly closed container.

#### **Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

##### **Exposure Guidelines**

Formaldehyde 50-00-0

ACGIH TLV: 1 ppm

OSHA PEL: .75 ppm (.9 mg/m<sup>3</sup>) TWA; 2 ppm (2.5 mg/m<sup>3</sup>) 15 min STEL

NIOSH Document Number 77-126

##### **Wood Flour**

OSHA 1989 PEL remanded, but in effect in some states

ACGIH TLV: TWA 5 mg/m<sup>3</sup>; STEL 10 mg/m<sup>3</sup> (softwood)

OSHA PEL: TWA 15 mg/m<sup>3</sup> (total dust); 5 mg/m<sup>3</sup> (respirable)



Remanded PEL: TWA 5 mg/m<sup>3</sup> TWA; 10 mg/m<sup>3</sup> STEL (all soft and hardwoods)  
Other: ACGIH TLV: TWA 1 mg/m<sup>3</sup> (certain hardwoods)

**Engineering Controls:** The following exposure control techniques may be used to effectively minimize employee exposure: local exhaust ventilation, enclosed system design, process isolation and remote control in combination with appropriate use of personal protective equipment and prudent work practices. These techniques may not necessarily address all issues pertaining to your operations. We, therefore, recommend that you consult with experts of your choice to determine whether or not your programs are adequate. If airborne contaminants are generated when the material is heated or handled, sufficient ventilation in volume and air flow patterns should be provided to keep air contaminant concentration levels below acceptable criteria.

**Personal Protection:** Where air contaminants can exceed acceptable criteria, use NIOSH (42 CFR Part 84) approved respiratory protection equipment. Respirators should be selected based on the form and concentration of contaminants in air in accordance with OSHA laws and regulations or other applicable standards or guidelines, including ANSI standards regarding respiratory protection. Use goggles if contact is likely. Wear impervious gloves as required to prevent skin contact.

#### **Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

Color: Tan  
Odor: Little or no odor  
Odor Threshold: Not available.  
Physical State: Dry powder  
Storage life: 12 months @ 70°F  
pH: Not available  
Freezing Point: Not available  
Boiling Point: 100°C (212°F)  
Flash Point: Not applicable  
Evaporation Rate: Not available.  
Flammability (solid, gas): Not applicable.  
Upper explosion limit: Not applicable  
Lower explosion limit: Not applicable  
Free Formaldehyde Content: <2.0%  
Vapor Pressure: Not available  
Vapor Density: Not available  
Specific Gravity: Not available  
Solubility (water): Not available  
Partition Coefficient (n-octanol/water): Not available  
Auto-ignition Temperature: Not applicable.  
Percent Volatile, wt. %: Not available  
Volatile Organic Compound (VOC) content, wt. %: Not available  
49 CFR 173.140 Class 9 RQ Formaldehyde

#### **Section 10: STABILITY AND REACTIVITY**

Stability: Normally stable as defined in NFPA 704-12(4-3.1)  
In common with most organic materials, this product should be treated as a combustible dust in the finely divided and suspended state.  
Conditions to Avoid: Keep away from strong oxidizing chemicals.  
Incompatible Materials: Not available.  
Hazardous Decomposition Products: CO, CO<sub>2</sub>, aldehydes (including formaldehyde), hydrogen cyanide, particulate matter and other organic compounds.  
Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

#### **Section 11: TOXICOLOGY INFORMATION**



Not Available

**Section 12: ECOLOGICAL INFORMATION**

Not Available.

**Section 13: DISPOSAL CONSIDERATIONS**

Disposal: Recover free liquid. Absorb residue and dispose of according to local, state/provincial and federal requirements.

**Section 14: TRANSPORTATION INFORMATION**

The data provided in this section is for information only and may not be specific to your package size. You will need to apply the appropriate regulations to properly classify your shipment for transportation.

US DOT (ground)

Refer to bill of lading for proper DOT description.

**Section 15: REGULATORY INFORMATION**

TSCA: Not available.

SARA 313 Information

SARA TITLE III Section 313 and 40 CFR Part 372 Toxic Chemical Notification Sheet

PPR (Powdered Plastic Resin)

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986, and Subpart C-Supplier Notification Requirement of 40 CFR Part 372.

Component	CAS#	% by Wt.
Formaldehyde	50-00-0	0.64

This Toxic Chemical Notification Sheet must not be detached from the MSDS. Any copying and redistribution of the MSDS shall include copying and redistribution of this notification sheet attached to copies of the MSDS subsequently redistributed.

WHMIS: Canadian Workplace Hazardous Material Information System

Not available.

**Section 16: OTHER INFORMATION**

The OSHA Hazard Communication Standard 29 CFR 1910.1200 requires that the information contained on these sheets be made available to your workers. Instruct your workers to handle this product properly.

**DISCLAIMER**

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