



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-2140

Issue Date: 07-10-2006

Section 2: HAZARDS IDENTIFICATION

Health - 1 Fire - 0 Reactivity - 0 Protection 0

Personal protection rating to be supplied by user depending upon usage conditions.

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

EMERGENCY OVERVIEW

Appearance/Odor: White to buff powder

Potential Health Effects: See Section 11 for more information

Eye: Can cause severe eye irritation.

First Aid & Protection: Wear safety glasses and dust goggles if eye exposure is expected. Flush with water for 15 minutes while holding eyelids open. Get medical attention

Skin: None.

First Aid & Protection: Wear gloves, clothing, boots, and/or head covering as needed to prevent exposure. If irritation does occur wash affected areas for 15 minutes with soap and water while removing contaminated clothing.

Ingestion: May cause stomach and intestinal irritation, vomiting, diarrhea, sweating, weakness and headache. Avoid swallowing.

First Aid & Protection: Rinse mouth. Drink large quantities of water. DO NOT induce vomiting. Do not give liquids to a drowsy, convulsive, or unconscious person. Consult a doctor immediately.

Inhalation: Acute exposure may irritate the throat and air passages, sometimes causing a cough and phlegm. Chronic exposure may cause bronchitis with cough and phlegm. If exposures continue emphysema may develop.

First Aid & Protection: Wear NIOSH approved respirator appropriate for concentration of organic vapors and dusts. Remove to fresh air. Use artificial respiration if breathing is labored or stopped. Get medical attention.

Chronic Hazard: Chronic exposure may cause bronchitis with cough and phlegm. If exposures continue emphysema may develop. Possible carcinogenic as listed by IARC (2B).

ALL CASES: GET PROMPT MEDICAL ATTENTION IF SYMPTOMS PERSIST.

Primary Routes of Entry: Inhalation, Eyes, Skin

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 #
Kaolin	1332-58-7
Concentration	45-55%
Exposure limits	CAS #: 1332-58-7 Percent 45-55% OSHA PEL/TWA: $15 < \text{total dust-mg/m}^3 > / 5 < \text{respir. dust-mg/m}^3 >$ Carcinogen(OSHA, NTP, IARC): No
Titanium Dioxide	CAS #: 13463-67-7
Concentration	45-55%
Exposure limits	CAS #: 13463-67-7 OSHA: 5 mg/m ³ respiratory TLV-TWA - 2 mg/m ³ respiratory ACGIH: 5 mg/m ³ respiratory TLV-TWA - 2 mg/m ³ respiratory Carcinogen (OSHA, NTP): No (IARC) 2B-possibly carcinogenic to humans LD 50: > 7,500 mg/kg in rats

Section 4: FIRST AID MEASURES

Eye Contact: Flush with water for 15 minutes. Get prompt medical attention if effects persist.

Skin Contact: Wash affected areas for 15 minutes with soap and water while removing contaminated clothing. If skin problems occur get medical attention. Launder clothing before using them again. Get medical attention.

Inhalation: Remove to fresh air. Use artificial respiration if needed. Get medical attention.

Ingestion: Rinse mouth. Drink large quantities of water. DO NOT induce vomiting. Do not give liquids to a drowsy, convulsive, or unconscious person. Seek Medical Attention.

Section 5: FIRE FIGHTING MEASURES

Flammability: Not considered to be flammable or a fire hazard.

Means of extinction: Use any means suitable for extinguishing surrounding fire.

Special procedures: NIOSH approved self contained breathing apparatus. Complete skin protection. Treat as ordinary combustible powder. Possible dust explosion is dispersed in air in large quantities. Protect from breathing combustion gases.

Flash point, °C and method: None

Upper explosion limit, % by volume: Not applicable

Lower explosion limit, % by volume: Not applicable

Auto ignition temperature: Not applicable

Hazardous combustion products: None

Explosion data: Not considered to be explosive.

Rate of burning: Not applicable.

Extinguishing Media: Use any means suitable for extinguishing surrounding fire.

Sensitivity to static discharge: Not applicable.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protection recommended in Section 8.

Spill and leak procedures: Provide adequate protective equipment, clothing and ventilation. Collect material for reclaim or place in covered waste container. Avoid generating dust. Vacuuming or wet sweeping may be used to avoid dust generation. Floors may be slippery.

Section 7: HANDLING AND STORAGE

Handling



Avoid eye contact and generating of dust. Provide adequate protective equipment and ventilation. At material handling areas provide local exhaust to mechanical dust collection system. Clean up any dust accumulations.

Avoid prolonged or repeated contact with eyes or skin. Avoid inhalation of dust from product. Use proper personal protective equipment and ventilation. Observe good housekeeping practices.

Storage

Keep container closed when not in use. Store in cool dry place.

Store at 68°F (20°C). Store in a cool, dry, well ventilated area. Keep elevated above floor and make no contact to walls to allow air flow.

Empty Containers: Dispose of bags or containers using steps that meet local, state, and federal requirements.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

See section 3

Exposure Control/Personal Protection: At material handling operation, provide local exhaust to a mechanical dust collection system. Mechanical (general) – Required

Eyes – Dust Proof Goggles if dust is generated.

Respirators – Not required under conditions of normal use and when ventilation is adequate. Use NIOSH/MSHA approved respirators if dust is generated.

Skin – Not required under conditions of normal use. Use gloves, clothing, boots and/or head covering as needed to prevent dust exposure. Wear a face shield and dust goggles if face contact is likely.

Other – Eye wash station and safety shower.

Work/Hygienic Practices – Cleanup any dust accumulations.

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.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Color: White to buff

Odor: Not available

Odor Threshold: None

Physical State: Powder

pH at 25°C: ~6

Freezing Point: Not available

Boiling Point: Not applicable

Melting point: >1,000°C (>1,800°F)

Flash Point: None

Evaporation Rate: Not applicable

Flammability (solid, gas): Not available

Upper Flammability Limit: Not available

Lower Flammability Limit: Not available

Vapor Pressure (mm Hg, 20 C): (mm Hg, 68 F) - <1

Vapor Density (air = 1): Not available

Specific Gravity (H₂O = 1): (H₂O) = 1.4 - 1.5

Solubility in water: None

Coefficient of oil/water distribution: Not applicable

Auto-ignition Temperature: Not applicable

% Volatile by weight: Approx. 3% or less (water and free formaldehyde)

Volatile Organic Compound (VOC) content, wt. %: Not available

Section 10: STABILITY AND REACTIVITY

Stability: Stable.

Conditions to Avoid: Dusting and incompatibilities.

Incompatibility: For titanium dioxide a violent reaction occurs with lithium around 200°C (392°F) resulting in an exothermic reaction that can take the temperature to 900°C. Violent or incandescent reactions may also occur with other metals like aluminum, calcium, magnesium, potassium, sodium and zinc. Airborne metal powders at very high temperatures.

Hazardous Decomposition Products: No information found.

Possibility of Hazardous Reactions: Hazardous Polymerization will not occur.

Section 11: TOXICOLOGY INFORMATION

See Section 3

Section 12: ECOLOGICAL INFORMATION

Not Available.

Section 13: DISPOSAL CONSIDERATIONS

Disposal: Dispose of in accordance with federal, state and local regulations.

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.



Shipping information:

Not regulated

US DOT: Non Hazardous Material

Transport Canada: Non Hazardous Material

TDG Classification: None

Shipping Name and Description:

UN# = Not Applicable

Class 55

Section 15: REGULATORY INFORMATION

TSCA: The materials used in this product are listed in TSCA. No secondary actions have produced a material not listed in TSCA.

SARA Title III – None

CERCLA – Reportable Quantity: None

Section 16: OTHER INFORMATION

DISCLAIMER

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for his own particular use.

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