

MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT :

CE Item # CEB012618

MSDS Rev.DATE: 8-13-07

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Glue Stick PVP

SYNONYMS:

PRODUCT CODES: CEB017412, CEB017403, CEB012618, CEB012603, CEB012708, CEB012703

MANUFACTURER: Corporate Express US Inc

DIVISION:

ADDRESS: 1 Environmental Way Broomfield CO 80021

EMERGENCY PHONE:

CHEMTREC PHONE: 800-424-9300

OTHER CALLS:

FAX PHONE:

CHEMICAL NAME: N/A

CHEMICAL FAMILY: SYNTHETIC POLYMER MIXTURE

CHEMICAL FORMULA: See Section 2

PRODUCT USE: Adhesion for paper.

PREPARED BY: Joe Chou

SECTION 1 NOTES:

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT:

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
9003-39-8	18		
9002-89-5	2		
56-81-5	10.5		
822-16-2	8		
9006-65-9	0.5		
497-19-8	1.3		
7732-18-5	59.7		
<u>ppm</u>	<u>mg/m3</u>		

OSHA PEL-TWA:
OSHA PEL STEL :
OSHA PEL CEILING:

ACGIH TLV-TWA:
ACGIH TLV STEL:
ACGIH TLV CEILING:

SECTION 2 NOTES:

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Appearance White/Semi-transparent solid
Odor Slight bland

CAUTION!

Not a significant fire hazard.

ROUTES OF ENTRY: Contact, inhalation.

POTENTIAL HEALTH EFFECTS

EYES: May cause irritation on prolonged or repeated contact.

SKIN: May cause irritation on prolonged or repeated contact.

INGESTION: Not expected to be harmful under normal conditions of use.

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.

ACUTE HEALTH HAZARDS:

EYES: May cause irritation on prolonged or repeated contact.

SKIN: May cause irritation on prolonged or repeated contact.

INGESTION: Not expected to be harmful under normal conditions of use.
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.

CHRONIC HEALTH HAZARDS:

None of the components present in this product at concentrations equal to or greater than 0.1% have been listed by NTP, classified by IARC, nor regulated by OSHA as a carcinogen

CARCINOGENICITY

OSHA: ACGIH: NTP: IARC:
OTHER:

SECTION 3 NOTES:

SECTION 4: FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water. Call a physician if irritation persists.
SKIN: In case of irritation, flush with water.
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.
INHALATION: Remove to fresh air.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

SECTION 4 NOTES:

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER:
(% BY VOLUME) LOWER:

FLASH POINT:
F: Not applicable
C: Not applicable
METHOD USED:

AUTOIGNITION TEMPERATURE:
|F: Not applicable
C: Not applicable

NFPA HAZARD CLASSIFICATION
HEALTH: FLAMMABILITY: REACTIVITY:
OTHER:

HMIS HAZARD CLASSIFICATION
HEALTH: FLAMMABILITY: REACTIVITY:
PROTECTION:

EXTINGUISHING MEDIA: Water

SPECIAL FIRE FIGHTING PROCEDURES: Not applicable

UNUSUAL FIRE AND EXPLOSION HAZARDS: Not applicable

HAZARDOUS DECOMPOSITION PRODUCTS: Not applicable

SECTION 5 NOTES:

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

Sweep (scoop) up and remove to a chemical disposal area. Prevent entry into natural bodies of water.

SECTION 6 NOTES:

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE:

Handle in accordance with good industrial hygiene and safety practices. INHALATION: Avoid prolonged or repeated breathing of dust or vapor.

SKIN: Avoid prolonged or repeated contact with skin and clothing.

EYES: Avoid prolonged or repeated contact with eyes.

Storage:

Keep from freezing.

Store in a cool, dry place.

Keep containers tightly closed.

OTHER PRECAUTIONS:

SECTION 7 NOTES:

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Not applicable

VENTILATION : Not applicable

RESPIRATORY PROTECTION: Not applicable

EYE PROTECTION: Use goggles

SKIN PROTECTION: Wear impervious gloves

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Not applicable

WORK HYGIENIC PRACTICES: Not applicable

EXPOSURE GUIDELINES: Not applicable

SECTION 8 NOTES:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White/Semi-transparent Solid

ODOR: Slight bland

PHYSICAL STATE: Solid

pH AS SUPPLIED: 10

pH (Other): Not applicable

BOILING POINT:

F: 212

C:100

MELTING POINT:

F: 158-176

C: 70-80

FREEZING POINT:

F: 32

C: 0

VAPOR PRESSURE (mmHg): 17.5

@

F: 48

C: 20

VAPOR DENSITY (AIR = 1): < 1

@

F:

C:

SPECIFIC GRAVITY (H₂O = 1): 1.0

@
F:
C:

EVAPORATION RATE: <1

BASIS (=1):

SOLUBILITY IN WATER: Dispersible

PERCENT SOLIDS BY WEIGHT:

PERCENT VOLATILE: 59

BY WT/
BY VOL @
F:
C:

VOLATILE ORGANIC COMPOUNDS (VOC):

WITH WATER: 0 LBS/GAL
WITHOUT WATER: 0 LBS/GAL

MOLECULAR WEIGHT: Not applicable

VISCOSITY: Not applicable

@
F:
C:

SECTION 9 NOTES:

SECTION 10: STABILITY AND REACTIVITY

STABLE UNSTABLE

STABILITY: Normally stable as defined in NFPA 704-12(4-3.1)

CONDITIONS TO AVOID (STABILITY): keep from Oxidizers, acids or bases

INCOMPATIBILITY (MATERIAL TO AVOID): Oxidizers, acids or bases.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID (POLYMERIZATION): Will not occur.

SECTION 10 NOTES:

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: See Section 3 Hazards Identification information.

SECTION 11 NOTES:

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Not determined.

SECTION 12 NOTES:

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of according to local, state/provincial, and federal requirements.

RCRA HAZARD CLASS:N/A

SECTION 13 NOTES:

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION
PROPER SHIPPING NAME: Glue Stick PVP
HAZARD CLASS:
ID NUMBER:
PACKING GROUP:
LABEL STATEMENT:

WATER TRANSPORTATION
PROPER SHIPPING NAME: Glue Stick PVP
HAZARD CLASS:
ID NUMBER:
PACKING GROUP:
LABEL STATEMENTS:

AIR TRANSPORTATION
PROPER SHIPPING NAME: Glue Stick PVP
HAZARD CLASS:
ID NUMBER:
PACKING GROUP:
LABEL STATEMENTS:

OTHER AGENCIES:

SECTION 14 NOTES:

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS
TSCA (TOXIC SUBSTANCE CONTROL ACT):

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):
311/312 HAZARD CATEGORIES:
313 REPORTABLE INGREDIENTS:

STATE REGULATIONS:

INTERNATIONAL REGULATIONS:

SECTION 15 NOTES:

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: Kaida Glue Stick (PVP) conforms to ASTM D4236 and CE EN71 Part 3
PREPARATION INFORMATION:

User's Responsibility

The OSHA Hazard Communication Standard 29CFR 1910.1200 and the Workplace Hazardous Materials Information System (WHMIS) require that the information contained on these sheets be made available to your workers. Educate and train your workers regarding OSHA and WHMIS precautions. Instruct your workers to handle this product properly. Consult with appropriate experts to guard against hazards associated with use of this product and its ingredients.

DISCLAIMER:

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