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MATERIAL SAFETY DATA SHEET

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RCVD AUG 2008

407519

1. Chemical Product Identification

Product Name: CL-2100

Chemical Family: Water based ethylene-vinyl acetate compound

General Use: Multi purpose adhesive

2. Hazardous Ingredients and Exposure Limits

Chemical Name:	CAS#:	WT%:	ACGIH TLV:	OSHA/PEL
Vinyl acetate monomer (SARA)	108-05-4	0.69%	10 ppm	10 ppm

SARA denotes a toxic chemical which may be subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

3. Hazards Identification

Physical Appearance: Viscous water based white emulsion.

Primary Routes of Entry: Eyes, skin, inhalation, and ingestion.

Medical Conditions Prone to Aggravation by Exposure: None known.

Potential Health Effects:

Eye Contact: May cause slight irritation.

Skin Contact: May cause slight irritation.

Inhalation: May cause slight irritation to throat, nose and lungs. Formaldehyde concentrations in the workplace air may exceed the TLV under certain conditions of use. Under normal conditions of use in a well ventilated space, the concentration of minor components in the workplace air will not exceed the TLV or PEL. See Section 2 for exposure standards on ingredients. Maintain air contaminant concentrations in the workplace at the lowest feasible levels. Minor components will migrate into the container headspace. Levels in excess of the TLV's or PEL's can accumulate in non-vented container headspaces. Open drums in a well ventilated space.

Ingestion: May cause irritation to mouth, throat and digestive system.

Signs and Symptoms of Overexposure:

Eyes: Redness and possible itching and/or tearing of the eyes.

Skin: Possible redness and/or itching of the skin.

Inhalation: Possible coughing, burning, tightness of chest and/or shortness of breath.

Ingestion: Possible nausea and/or vomiting.

4. First Aid Measures

Eyes: Wash eyes with clean flowing water for two to three minutes. Remove any contact lenses and continue flushing for 15 minutes. If irritation occurs or persists, obtain medical attention.

Skin: Remove contaminated clothing including shoes and wash skin with plenty of soap and water. If irritation occurs, obtain medical attention. Wash contaminated clothing and shoes before reuse.

Inhalation: Remove from further exposure. If cough or other symptoms develop, obtain medical attention.

Ingestion: Wash out mouth with water and keep at rest. Obtain medical attention.

Skin: Remove contaminated clothing including shoes and wash skin with plenty of soap and water. If irritation occurs, obtain medical attention. Wash contaminated clothing and shoes before reuse.
Inhalation: Remove from further exposure. If cough or other symptoms develop, obtain medical attention.
Ingestion: Wash out mouth with water and keep at rest. Obtain medical attention.

5. Fire Fighting Measures

Flashpoint and Method: Over 200°F, Setflash CC tester. Non-Combustible.

Flammability Limits: Not applicable

Lower Explosive Limit (LEL): Not applicable **Upper Explosive Limit (UEL):** Not applicable

Unusual Hazards: Material can splatter above 100°C/212°F. Dried product can burn. Sealed containers may rupture. Keep cool with water.

Fire Fighting Procedures: Self-contained breathing apparatus (SCBA) should be used for all indoor fires and significant outdoor fires.

Extinguishing Media: Water, Chemical foam, CO₂, dry chemical, water fog.

6. Accidental Release Measures

Ventilate the area. Spill area can be slippery. Wearing appropriate personal protective equipment contain spills with inert absorbent material (sand, vermiculite, etc.) Recover as much as possible for reuse. Spread commercial absorbent over unrecoverable material and place in a marked waste container. Dispose of all materials at an appropriate waste disposal facility according to current applicable laws and regulations, and product characteristics at time of disposal. Wash exposed area thoroughly with water.

7. Safe Handling and Storage

Handling Procedures: Use with adequate ventilation, wash with soap and water after handling, avoid contact with eyes, skin and clothing. Wash thoroughly before eating or smoking. Empty containers retain vapors and product residue. Observe all labeled precautions until container is cleaned, reconditioned or destroyed. Good industrial hygiene and proper work habits should be observed at all times. For industrial use only.

Storage Procedures: Keep container closed and upright when not in use. Store containers at temperatures between 50°F and 100°F (ideal 70-85°F). *Keep From Freezing!*

8. Exposure Controls/Personal Protection

Respiratory Protection: A respiratory protection program meeting OSHA 1910.134 (29CFR) requirements must be followed whenever workplace exposures warrant the use of a respirator. If the use of a respirator is warranted, use an organic vapors type cartridge or SCBA. Observe respirator use limitations specified by NIOSH/MSHA or the manufacturer.

Engineering Controls (Ventilation): Use local exhaust ventilation at the point of application to control exposure levels below airborne exposure limits. (see Section 2)

Eye Protection: Wear chemical splash goggles where there is a potential for eye contact. Eye flushing equipment should be immediately available.

Skin Protection: Wear appropriate protective clothing and chemical resistant gloves to prevent skin

contact.

9. Physical and Chemical Properties

Appearance and Odor: Thin white emulsion with faint vinyl odor.
% Non-Volatiles: 50 - 54
pH: 4.0 - 6.0
Specific Gravity: 1.00-1.10
Boiling Point: 212°F
Vapor Density (air=1): Lighter than air
Liquid density: Heavier than water
Evaporation Rate: Slower than n-Butyl Acetate
Volatile Organic Content (V.O.C.): 0.0 lbs/gal

10. Stability and Reactivity

Stability: This product is considered stable. Avoid temperatures above 375°F where the polymer may decompose.
Hazardous Polymerization: Will not occur.
Hazardous Decomposition Products: Thermal decomposition may yield vinyl acetate monomers, CO, CO₂.
Incompatibility (Materials to avoid): Strong oxidizing agents.
Conditions to Avoid: Open flames and extreme high temperatures.

11. Regulatory Information

TSCA Inventory: All components are listed.

SARA Title 3 Section 313 Reportable Ingredients: This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

Chemical name:	CAS#	Percent by weight:
Vinyl Acetate monomer	108-05-4	0.69

SARA Title 3 Section 311/312 Health and Physical Hazards: Not hazardous.

Workplace Classification: This product as supplied is non-hazardous under the OSHA Hazard Communication Standard (29CFR 1910.1200)

12. Other Information

HMIS Ratings: Health: 1 Flammability: 0 Reactivity: 0 Personal Protection: B
U.S. DOT Hazard Class: Not regulated

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