

*** MATERIAL SAFETY DATA SHEET ***

FOR COATINGS, RESINS, AND RELATED MATERIALS

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DATE WRITTEN: 11/23/05 DATE ISSUED: 11/23/05

SECTION I - PRODUCT INFORMATION

PRODUCT NUMBER: C-50
PRODUCT NAME: V-Clean Adhesive Remover and Cleaner
PRODUCT CLASS: Solvent Blend

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT:	CAS#	% WGHT	OSHA PEL
D-Limonene	5989-27-5	80	N/A
PM Acetate	108-65-6	6	100 ppm

SECTION III - HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

EYE CONTACT: Slightly irritating but does not injure eye tissue.

SKIN CONTACT: Low order of toxicity. Frequent or prolonged contact may irritate and cause dermatitis.

INHALATION: High vapor / aerosol concentrations (greater than @ 100 ppm) are irritating to the eyes and the respiratory tract, may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including death.

INGESTION: Low order of toxicity. Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly progressing to death.

SECTION IV - FIRST AID PROCEDURES:

EYE CONTACT: Flush eyes with large amounts of water until irritation subsides. If irritation persists get medical attention.

SKIN CONTACT: Flush with large amounts of water; use soap if available. Remove grossly contaminated clothing, including shoes, and launder before use.

INHALATION: Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.

INGESTION: If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention.

SECTION V – FIREFIGHTING MEASURES - FIRE

FLASH POINT: (METHODS USED) 46°C Note: Typical

AUTOIGNITION TEMPERATURE: 495° F Note: Approximate

FIREFIGHTING: Use water spray to cool fire-exposed surfaces and to protect personnel. Shut off fuel to fire. If a leak or spill has not ignited, use water spray to discharge vapors. Either allow fire to burn under controlled conditions or extinguish with foam or dry chemical. Try to cover liquid spills with foam. This liquid is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.

DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS: No unusual products of combustion.

SECTION VI – ACCIDENTIAL RELEASE MEASURES

LAND SPILL: .Prevent liquid from entering storm drains.

Contain spilled liquid with sand or earth, Do not use combustible material such as sawdust. Recover by pumping (use explosion proof or hand pump) or with suitable absorbent. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

SECTION VII – STORAGE AND HANDLING

STORAGE TEMPERATURE: Ambient

LOADING / UNLOADING TEMPERATURE: Ambient

STORAGE / TRANSPORT PRESSURE: mmHg: Ambient

STORAGE AND HANDLING:

Keep containers closed. Handle and open containers with care. Store in cool, well-ventilated place away from incompatible materials.

SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE CONTROLS:

The use of mechanical dilution ventilation is recommended whenever this product is used in confined space, is heated above ambient temperature or is agitated.

PERSONAL PROTECTION:

For open systems where contact is likely, wear safety glasses with side shields, long sleeves, and chemical resistant gloves. Where contact may occur, wear safety glasses with side shields. Where concentrations in air may exceed the limits given in this section and engineering, work practice or other means of exposure reduction are not adequate, NOISH / MSHA approved respirators may be necessary to prevent overexposure by inhalation.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT:	NA Mixture	SPECIFIC GRAVITY VAPOR:	@ 1 atm (Air=1): 3.50
VAPOR PRESSURE:	NA Mixture	SPECIFIC GRAVITY:	5.9 lbs: (.70)
SOLUBILITY IN WATER:	wt. % @ 77° F: < 0.01	EVAPORATION RATE:	Faster than n-Bu Acetate

SECTION X – STABILITY AND REACTIVITY

STABILITY: UNSTABLE STABLE

HAZARDOUS POLYMERIZATION: MAY OCCUR WILL NOT OCCUR

CONDITIONS TO AVOID INSTABILITY: Not applicable

HAZARDOUS DECOMPOSITION PRODUCTS: None

MATERIALS AND CONDITIONS TO AVOID INCOMPATIBILITY: Strong-oxidizing agents

SECTION XI – TOXICOLOGICAL INFORMATION

Please refer to Section 3 for available information on potential health effects.

SECTION XII – ECOLOGICAL INFORMATION

No specific ecological data are available for this product. Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

SECTION XIII – DISPOSAL CONSIDERATIONS

Please refer to Sections 5, 6, and 15 for disposal and regulatory information.

SECTION XIV – TRANSPORT INFORMATION

DEPARTMENT OF TRANSPORTATION (DOT):

SECTION XV – REGULATORY INFORMATION

SARA TITLE III:

Chemical	CAS No.	Wt%
NONE		

T Chemical	CAS No.	Wt%	RQ/TPQ lbs.
NONE			

This product contains the following (CERCLA LIST) HAZARDOUS SUBSTANCE(S) SUBJECT TO emergency Release Notification Requirements under Sec. 304 (40 CFR Part 302):

Chemical	CAS No.	Wt%	Final RQ lbs.
Heptane	142-82-5	80 – 90	100

CALIFORNIA PROPOSITION 65:

This product may contain trace quantities of the following chemicals that are identified by the state of California under the Safe Drinking Water and Toxic Reinforcement Act of 1986 (“Proposition 65”) as either a carcinogenic or reproductive hazard:

Chemical	CAS No.	Estimated Concentration %
NONE		

DISCLAIMER: Since we have no control over the conditions under which the purchaser stores, handles or uses these goods, we make no warranty, either expressed or implied with respect to these goods or their fitness for any purpose or the result to be obtained by their use.

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HMIS

HEALTH	1
FLAMMABILITY	2
REACTIVITY	0
PERSONAL	