

MATERIAL SAFETY DATA SHEET

Date Prepared: 10/28/05

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Vinyl Repair Kit

MSDS Number:110001

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Identity

Product Name: Vinyl Repair Kit
Product Numbers: 100595
Product Use: vinyl repair

Company

Fibre Glass-Evercoat
a Division of Illinois Tool Works Inc.
6600 Cornell Road
Cincinnati, Ohio USA
Phone: 513-489-7600

Emergency Telephone Numbers:

CHEMTREC: 1-800-424-9300
CANUTEC: 1-613-996-6666

Prepared By: Safety Department

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient(s)	CAS Number	EINECS Number	% (by weight)
Cyclohexane	108-94-1	203-631-1	75 – 80
Vinyl chloride-vinyl acetate-maleic acid terpolymer	9005-09-8	N/L	10 – 15
Vinyl chloride vinyl acetate copolymer	9003-22-9	N/L	5 – 10
Di(2-ethylhexyl) phthalate	117-81-7	204-211-0	1 – 5
Bisphenol A diglycidyl ether	1675-54-3	216-823-5	0 – 1
Vinyl acetate	108-05-4	203-545-4	0 – 1

SECTION 3. HAZARDS IDENTIFICATION

*****EMERGENCY OVERVIEW*****

DANGER! COMBUSTIBLE LIQUID AND VAPOR. VAPOR HARMFUL.

Potential Health Effects

Acute Effects (Short Term):

Eye: Contact may cause irritation.

Skin: Contact may cause irritation.

Swallowing: May cause headache, nausea, vomiting and weakness.

Inhalation: May cause cough, drowsiness, sore throat. At high concentrations cyclohexanone is a central nervous system depressant and may cause dizziness and unconsciousness.

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Chronic Effects of Overexposure (Long Term):

Cancer Information: The ingredients of this product are not listed as carcinogens by NTP, not regulated as carcinogens by OSHA and have not been evaluated by IARC.

Other Health Effects: NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Primary Route(s) of Entry: Inhalation, Skin contact, Eye contact, Ingestion,

SECTION 4. FIRST AID MEASURES

Eyes: Flush eyes gently with water for at least 15 minutes. Seek immediate medical attention.

Skin: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

Swallowing: Consult a physician or poison control center immediately. DO NOT INDUCE VOMITING. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. If possible, do not leave individual unattended. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs.

Inhalation: If symptoms develop, immediately move individual away from exposure and into fresh air. Seek immediate medical attention; keep person warm and quiet. If person is not breathing, begin artificial respiration. If breathing is difficult, oxygen may be beneficial if administered by trained personnel.

SECTION 5. FIRE FIGHTING MEASURES

Flash Point: 135°F

Explosive Limit: Lower: NA Upper: NA

Autoignition Temperature: NA

OSHA Flammability Class: Combustible Liquid Class IB

Hazardous Products of Combustion: May form toxic and corrosive gases: Carbon monoxide, carbon dioxide, nitrogen and smoke particles.

Fire and Explosion Hazards: Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other

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flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition sources at locations distant from material handling point.

Extinguishing Media: Regular foam, carbon dioxide, dry chemical.

Fire Fighting Instructions: Water may be used to keep fire-exposed containers cool until fire is out. Wear a self-contained breathing apparatus NIOSH approved with a full facepiece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

NFPA Rating: Health - 1, Flammability - 1, Reactivity - 0

SECTION 6. ACCIDENTAL RELEASE MEASURES

In Case of Spill: Eliminate all sources of ignition such as flares, flames (including pilot lights), and electrical sparks. Ventilate the area. Wear proper protective equipment (Section 8). Avoid breathing vapors. Collect with an inert absorbant and dispose of properly.

SECTION 7. HANDLING AND STORAGE

Handling: All hazard precautions given in the data sheet must be observed. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Use only with adequate ventilation. Do not breathe sanding dust, vapors or spray mist. Do not take internally. Close container after each use. **Keep out of reach of children.**

Storage: Store material in a cool, well-ventilated area. For maximum product quality, avoid prolonged storage at temperatures above 75°F (25°C). Do not exceed 50°C. Do not use or store near heat, sparks, or open flame. Keep container tightly closed. Avoid contact with incompatible materials.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection: Chemical splash goggles in compliance with OSHA regulations are recommended.

Skin Protection: Protective gloves and proper clothing should be worn to prevent skin contact. Gloves should be made of neoprene or natural rubber. A barrier cream may be used for additional skin protection. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

Respiratory Protection: Use a NIOSH approved respirator designed to remove particulate matter and organic solvent vapors.

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Engineering Controls: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below acceptable limits.
Explosion-proof ventilation system is acceptable.

Exposure Guidelines:

Hazardous Ingredients	CAS Number	OSHA PEL/TWA	ACGIH TLV
Cyclohexane	108-94-1	25 ppm	25 ppm
Vinyl acetate	108-05-4	N/E	10 ppm
Di(2-ethylhexyl) phthalate	117-81-7	N/E	5 mg/m3

N/E-Not Established

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	314°F	Vapor Density:	Heavier than air
Specific Gravity / Density:	0.994/8.29 lb/gal	Percent Volatiles by weight:	70 – 75%
Evaporation Rate:	Unknown	Physical State:	Liquid
Melting Point:	Unknown	pH:	Unknown
Odor:	Peppermint and ketone odor	Solubility:	Insoluble in water
Vapor Pressure:	161.29 @ 50°C	Appearance:	Transparent, yellow tint
Octanol/Water Partition Coefficient:	NA	VOC (as packaged-less exempts and water):	70% by weight

SECTION 10. STABILITY AND REACTIVITY

Hazardous Polymerization: Product will not undergo hazardous polymerization.

Hazardous Decomposition: May form toxic and corrosive gases: carbon monoxide, carbon dioxide, nitrogen and smoke particles.

Chemical Stability: Stable under normal handling conditions.

Incompatibility: Avoid contact in uncontrolled conditions with: strong oxidizing agents.

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SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity Data:

Ingredient	CAS #	LD ₅₀ Oral-Rat	LC ₅₀ Inhalation-Rat
Cyclohexane	108-94-1	1535 mg/kg	8000 ppm (4hr)

Carcinogenicity: See cancer information, Section 3.

Mutagenicity: No significant evidence found.

Teratogenicity: No significant risk of birth defects or reproductive toxicity to humans.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: None

SECTION 13. DISPOSAL CONSIDERATION

RCRA Hazardous Waste: This material as supplied, if discarded, would be regulated as a hazardous waste under RCRA (40 CFR 261). Do not incinerate. Dispose of in accordance with applicable federal, state, and local regulations.

RCRA Hazard Class: This material would be regulated as EPA Hazardous Waste Number D001 based on the characteristic of ignitability.

SECTION 14. TRANSPORT INFORMATION

DOT Description: The DOT Classification for shipping is dependant on quantity, type of packaging (a kit may include other components), or method of shipment.

SECTION 15. REGULATORY INFORMATION

US Federal Regulations

TSCA (Toxic Substances Control Act) Status

TSCA (USA) The intentional ingredients of this product are listed.

CERCLA RQ - 40 CFR 302.4(a)

Component	RQ (lbs.)
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Cyclohexanone	5000
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SARA Title III: Section 302- Extremely Hazardous Substances

None

SARA Title III: Section 313- Toxic Chemical List

None

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EPA Hazardous Air Pollutants (HAPS) 40 CFR 63

None

International Regulations

EINECS (Europe) The intentional ingredients of this product are listed.

DSL (Canada) The intentional ingredients of this product are listed.

WHMIS Classification

Health Hazard: D2A, D2B (other Toxic effects)

Physical Hazard:

State and Local Regulations

California Proposition 65: None

SECTION 16. OTHER INFORMATION

HMIS Rating: Health -2, Flammability -1, Reactivity -0
Key- 0=Least, 1=Slight, 2=Moderate, 3=Serious, 4=Extreme, *=Chronic Effects

Other Precautions for Use:

NOTICE: The information accumulated herein is believed to be correct as of the date issued from sources, which are believed to be accurate and reliable. Since it is not possible to anticipate all circumstances of use, recipients are advised to confirm, in advance of need, that the information is current, applicable and suitable to their circumstances.