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## Material Safety Data Sheet

### 1. PRODUCT IDENTIFICATION

**Product Name:** VR-8A PRO STYLE VINYL & LEATHER REPAIR KIT  
**Item No:** 81781  
**Product Type:** Sealant

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH; TLV-TWA	OSHA PEL
ACETONE 67-64-1	40-50	500 ppm	1000 ppm; 2400 mg/m <sup>3</sup>
TETRAHYDROFURAN 109-99-9	20-30	50 ppm	200 ppm; 590 mg/m <sup>3</sup>
VINYL COPOLYMER 9003-22-9	15-25	Not listed	Not listed
BENZOATE ESTERS MIXTURE	<10	Not listed	Not listed
SILICON DIOXIDE, AMORPHOUS 112945-52-5	<5	5 mg/m <sup>3</sup> , TWA	Not listed

### 3. HAZARDS IDENTIFICATION

**Toxicity:** This material is irritating to skin, eyes and mucous membranes. Note: This product does not contain microcrystalline silica.

**Primary Routes of Entry:** Eye and skin contact, ingestion, inhalation

**Signs and Symptoms of Exposure:** Skin: Exposure may cause mild skin irritation. Prolonged or repeated exposure may dry the skin. Symptoms may include redness, burning, drying, cracking and skin burns. Preexisting skin disorders may be aggravated by exposure. Skin absorption is possible, but harmful effects are not expected from this route under normal conditions of handling and use. Excessive overexposure may cause giddiness, dizziness, headache, nausea and in extreme cases, unconsciousness and respiratory depression. Inhaling may cause mild irritation to the nose, throat and respiratory tract and may result in central nervous system (CNS) depression.

Component	Weight%	NTP	ACGIH Carcinogens	IARC
ACETONE 67-64-1	40-50	Not known	A4 - Not Classifiable as a Human Carcinogen	
TETRAHYDROFURAN 109-99-9	20-30	male rat-some evidence; female rat-no evidence; male mice-no evidence; female mice-clear evidence	A3 Confirmed animal carcinogen with unknown relevance to humans	
VINYL COPOLYMER 9003-22-9	15-25			Group 3 Supplement 7, 1987; Monograph 19, 1979
SILICON DIOXIDE, AMORPHOUS 112945-52-5	<5			Amorphous Silica, Group 3: Vol. 68: 1997

**Medical Conditions Recognized as Being Aggravated by Exposure:** Preexisting pulmonary and dermatological disorders.

### 4. FIRST AID MEASURES

**Ingestion:** Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

**Inhalation:** Move to fresh air in case of accidental inhalation of vapours. Oxygen or artificial respiration if needed. Obtain medical attention.

**Skin Contact:** Wash off with soap and water. If skin irritation persists, call a physician.

#### 4. FIRST AID MEASURES

**Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

#### 5. FIRE FIGHTING MEASURES

**Flash Point °F(C°):** 0°F TCC  
**Recommended Extinguishing Media:** Carbon Dioxide, Dry Chemicals, Foam.  
**Special Fire-Fighting Procedures:** Firefighters should wear self-contained breathing apparatus. Water spray may be ineffective on flames but should be used to keep fire-exposed containers cool.  
**Hazardous Products of Combustion:** Hydrogen chloride, Irritating vapors, Oxides of carbon, Oxides of phosphorus  
**Unusual Fire/Explosion Hazards:** Vapors may travel from container toward sources of ignition and flashback.  
**Lower Explosive Limit:** Acetone: 2.6; tetrahydrofuran: 2  
**Upper Explosive Limit:** Acetone: 12.8; tetrahydrofuran: 11.8

#### 6. ACCIDENTAL RELEASE MEASURES

**Spill Procedures:** Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.

#### 7. HANDLING AND STORAGE

**Storage:** Store away from heat, sparks or open flame. Do not store at temperatures above 100°F (38°C).  
**Handling:** Avoid breathing vapors, if exposed to high vapor concentration, leave area at once. Avoid contact with skin and eyes. Do not use near heat, sparks or open flame. Keep container closed when not in use. Use only in a well ventilated area. Wash thoroughly after handling.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** Safety glasses.  
**Skin:** Neoprene or nitrile gloves recommended.  
**Ventilation:** General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product.  
**Respiratory Protection:** An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear liquid  
**Odor:** Pungent  
**Boiling Point:** 135°F  
**pH:** Does not apply  
**Solubility in Water:** Slight  
**Specific Gravity:** 0.94  
**VOC(Wt.%):** 25%  
**Vapor Pressure:** Not Determined  
**Vapor Density (Air=1):** >1  
**Evaporation Rate:** Not Determined

#### 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable at normal conditions  
**Hazardous Polymerization:** Will not occur.  
**Incompatibilities:** Strong oxidizers, Acids, Reducing agents  
**Conditions to Avoid:** Keep away from heat, sparks and open flame. - No smoking.  
**Hazardous Products of Combustion:** Hydrogen chloride, Irritating vapors, Oxides of carbon, Oxides of phosphorus

#### 11. TOXICOLOGICAL INFORMATION

See Section 3

#### 12. ECOLOGICAL INFORMATION

No data available

### 13. DISPOSAL CONSIDERATIONS

**Recommended Method of Disposal:** Disposal should be made in accordance with federal, state and local regulations..  
**US EPA Waste Number:** D001 as per 40CFR 261.21

### 14. TRANSPORTATION INFORMATION

#### DOT (49CFR 172)

##### Ground Transport (DOT)

**DOT Shipping Name:** Consumer Commodity (not more than one liter)  
**Hazard Class:** ORM-D  
**UN/ID Number:** None

#### IATA

**Proper Shipping Name:** Consumer Commodity (Not more than 1 liter)  
**Class or Division:** Class 9  
**UN/ID Number:** ID 8000

#### IMDG

**Proper Shipping:** Adhesives containing flammable liquid, Limited Quantity  
**Hazard Class:** Class 3, PG II  
**UN Number:** UN 1133

**Marine Pollutant:** None

### 15. REGULATORY INFORMATION

**SARA 313 Chemicals:** The following component(s) is listed as a SARA Section 313 Toxic Chemical.

None

**California Proposition 65:** No California Prop 65 chemicals are known to be present at or above the No Significant Risk Level

**TSCA Inventory Status:** All components of this product are listed (or exempt) on the EPA TSCA inventory.

### 16. OTHER INFORMATION

**Estimated NFPA Rating:** HEALTH 2, FLAMMABILITY 3, REACTIVITY 1.

**Estimated HMIS Classification:** HEALTH 2, FLAMMABILITY 3, PHYSICAL HAZARD 0

NFPA is a registered trademark of the National Fire Protection Assn.

HMIS is a registered trademark of the National Paint and Coatings Assn.

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