# Leather and Vinyl Repair Compound

## SECTION 1: Identification

### Product identifier

**Product name:** Leather and Vinyl Repair Compound
**Product code:** 2130

### Recommended use of the product and restriction on use

**Relevant identified uses:** Compound used to make repairs in damaged vinyl or leather.
**Uses advised against:** Not determined or not applicable.
**Reasons why uses advised against:** Not determined or not applicable.

### Manufacturer or supplier details

| **Manufacturer:** | **Supplier:** |
|---|---|
| **United States** | **Australia** |
| J-B Weld Company, LLC | HPP Lunds |
| 400 CMH Road | 1/195 Jackson Rd |
| Sulphur Springs, TX 75482 | Sunnybank Hills, Qld 4109 |
| 903-885-7696 | 1300-306-781 |

### Emergency telephone number:

**Australia**
InfoTrac
1300-366-961 (24 hours)

## SECTION 2: Hazard(s) identification

**GHS classification:** Not a hazardous substance or mixture

### Label elements

**Hazard pictograms:** None

**Signal word:** None

**Hazard statements:** None

**Precautionary statements:** None

### Hazards not otherwise classified:

None

## SECTION 3: Composition and information on ingredients

| Identification | Name | Weight % |
|---|---|---|
| CAS number: 13463-67-7 | Titanium Dioxide | 8-10 |
| CAS number: 108-05-4 | Vinyl Acetate | <0.1 |

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| | | |
|---|---|---|
| CAS number: 75-07-0 | Acetaldehyde | <0.1 |

**Additional Information:** None

## SECTION 4: First aid measures

### Description of first aid measures

**General notes:**

Show this Safety Data Sheet to the doctor in attendance.

**After inhalation:**

If inhaled, remove person to fresh air and place in a position comfortable for breathing. If respiratory symptoms develop or persist: Seek medical advice/attention.

**After skin contact:**

Wash affected area with plenty of soap and water. Remove contaminated clothing and launder before reuse. If skin irritation develops or persists: Seek medical advice/attention.

**After eye contact:**

Immediately rinse eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 15 minutes. If eye irritation develops or persists: seek medical advice/attention.

**After swallowing:**

If swallowed, DO NOT induce vomiting unless told to do so by a physician or poison control center. Rinse mouth with water. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs, place on the left side with head down to prevent aspiration of liquid into the lungs. If symptoms develop or persist, seek medical advice/attention.

### Most important symptoms and effects, both acute and delayed

**Acute symptoms and effects:**

No significant acute hazards/effects.

**Delayed symptoms and effects:**

No significant delayed hazards/effects.

### Immediate medical attention and special treatment

**Specific treatment:**

Not determined or not applicable.

**Notes for the doctor:**

Treat symptomatically.

## SECTION 5: Fire fighting measures

### Extinguishing media

**Suitable extinguishing media:**

Water mist/fog, carbon dioxide, dry chemical or alcohol resistant foam.

**Unsuitable extinguishing media:**

Do not use water jet.

### Specific hazards during fire-fighting:

Thermal decomposition may produce irritating/toxic fumes/gases.

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**Special protective equipment for firefighters:**

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-face piece operated in positive pressure mode.

**Special precautions:**

Avoid contact with skin, eyes, hair and clothing. Do not breathe fumes/gas/mists/aerosols/vapors/dusts. Move containers from fire area if safe to do so. Use water spray/fog for cooling fire exposed containers. Avoid unnecessary run-off of extinguishing media which may cause pollution.

### SECTION 6: Accidental release measures

**Personal precautions, protective equipment and emergency procedures:**

Evacuate unnecessary personnel. Ventilate area. Extinguish any sources of ignition. Wear recommended personal protective equipment (see Section 8). Avoid contact with skin, eyes and clothing. Avoid breathing mist. vapor, dust, fume and spray. Do not walk through spilled material. Wash thoroughly after handling.

**Environmental precautions:**

Prevent further leakage or spillage if safe to do so. Prevent from reaching drains, sewers and waterways. Discharge into the environment must be avoided.

**Methods and material for containment and cleaning up:**

Do not touch damaged containers or spilled material unless wearing appropriate personal protective clothing. Stop leak if you can do it without risk. Contain and collect spillage and place in suitable container for future disposal. Dispose of in accordance with all applicable regulations (see Section 13).

**Reference to other sections:**

For personal protective equipment see Section 8. For disposal see Section 13.

### SECTION 7: Handling and storage precautions

**Precautions for safe handling:**

Use appropriate personal protective equipment (see Section 8). Use only with adequate ventilation. Avoid breathing mist/vapor/spray/dust. Do not eat, drink, smoke, or use personal products when handling chemical substances. Avoid contact with skin, eyes and clothing. Wash affected areas thoroughly after handling. Keep away from incompatible materials (See Section 10). Keep containers tightly closed when not in use.

**Conditions for safe storage, including any incompatibilities:**

Store in cool, dry, well-ventilated location out of direct sunlight. Keep away from food and beverages. Protect from freezing and physical damage. Store away from heat, open flames and other sources of ignition. Keep container tightly sealed. Store away from incompatible materials (See Section 10).

### SECTION 8: Exposure controls and personal protection

Only those substances with limit values have been included below.

**Occupational Exposure limit values:**

| Country (Legal Basis) | Substance | Identifier | Permissible concentration |
|---|---|---|---|
| Australia | Titanium Dioxide | 13463-67-7 | TWA: 10 mg/m³ (National Workplace OELs) |
| | Vinyl Acetate | 108-05-4 | TWA: 35 mg/m³ (10 ppm) |
| | Vinyl Acetate | 108-05-4 | STEL: 70 mg/m³ (20 ppm) |

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| Country (Legal Basis) | Substance | Identifier | Permissible concentration |
|---|---|---|---|
| | Acetaldehyde | 75-07-0 | TWA: 20 ppm |
| | Acetaldehyde | 75-07-0 | TWA: 36 mg/m³ |
| | Acetaldehyde | 75-07-0 | STEL: 50 ppm |
| | Acetaldehyde | 75-07-0 | STEL: 91 mg/m³ |

**Biological limit values:**

No biological exposure limits noted for the ingredient(s).

**Information on monitoring procedures:**

Not determined or not applicable.

**Appropriate engineering controls:**

Emergency eye wash stations and safety showers should be available in the immediate vicinity of use or handling. Provide adequate ventilation to maintain the airborne concentrations of vapor, mists, and/or dusts below the applicable workplace exposure limits, while observing recognized national standards (or equivalent).

**Personal protection equipment**

**Eye and face protection:**

Safety glasses or goggles. Use eye protection equipment that has been tested and approved by recognized national standards (or equivalent).

**Skin and body protection:**

Chemical resistant, impervious gloves approved by the appropriate standards. Gloves must be inspected prior to use. Avoid skin contact with used gloves. Appropriate techniques should be used to remove used gloves and contaminated clothing. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Ensure that all personal protective equipment is approved by recognized national standards (or equivalent).

**Respiratory protection:**

If engineering controls do not maintain airborne concentrations below the applicable workplace exposure limits, or to an acceptable level (if exposure limits have not been established), a respirator approved by recognized national standards (or equivalent) must be worn.

**General hygienic measures:**

When handling chemical products, do not eat, drink or smoke. Wash hands after handling, before breaks, and at the end of the workday. Avoid contact with skin, eyes and clothing. Wash contaminated clothing before reuse. Perform routine housekeeping.

## SECTION 9: Physical and chemical properties

**Information on basic physical and chemical properties**

| | |
|---|---|
| **Appearance** | Milky white liquid |
| **Odor** | Not determined or not available. |
| **Odor threshold** | Not determined or not available. |
| **pH** | 4.0 to 5.0 |
| **Melting point/freezing point** | Not determined or not available. |
| **Initial boiling point/range** | 100°C (212°F) |

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| | |
|---|---|
| **Flash point (closed cup)** | Not determined or not available. |
| **Evaporation rate** | <1.0 |
| **Flammability (solid, gas)** | Non-combustible |
| **Upper flammability/explosive limit** | Not determined or not available. |
| **Lower flammability/explosive limit** | Not determined or not available. |
| **Vapor pressure** | 17.0 mmHg at 20°C (68°F) |
| **Vapor density** | <1.0 |
| **Density** | Not determined or not available. |
| **Relative density** | 1.0 - 1.2 |
| **Solubilities** | Dilutable in water. |
| **Partition coefficient (n-octanol/water)** | Not determined or not available. |
| **Auto/Self-ignition temperature** | Not determined or not available. |
| **Decomposition temperature** | Not determined or not available. |
| **Dynamic viscosity** | 4,000 mPa.s maximum |
| **Kinematic viscosity** | Not determined or not available. |
| **Explosive properties** | Not determined or not available. |
| **Oxidizing properties** | Not determined or not available. |

**Other information**

| | |
|---|---|
| **Percent Volatility** | 40-50% |

### SECTION 10: Stability and reactivity

**Reactivity:**
Not reactive under recommended handling and storage conditions.

**Chemical stability:**
Stable under recommended handling and storage conditions.

**Possibility of hazardous reactions:**
Hazardous reactions are not anticipated under recommended conditions of handling and storage.

**Conditions to avoid:**
Extreme heat, open flames, hot surfaces, sparks, ignition sources and incompatible materials.

**Incompatible materials:**
Oxidizing Agents; Strong Reducing Agents

**Hazardous decomposition products:**
Under normal conditions of storage and use, hazardous decomposition products should not be produced Thermal decomposition may yield the following: acetaldehyde, vinyl acetate monomer, acrylic monomers, carbon oxides, nitrogen oxides, halogenated compounds, metallic oxides, and highly toxic Hydrogen chloride gas.

### SECTION 11: Hazard information

**Acute toxicity**

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:**

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| Name | Route | Result |
|---|---|---|
| Titanium Dioxide | oral | LD50 Mouse: > 5000 mg/kg |
| | inhalation | LC50 Rat: 5.09 mg/L (4 hr) |
| Vinyl Acetate | dermal | LD50 Rabbit: 7440 mg/kg |
| | oral | LD50 Rat: 3470 mg/kg |
| | inhalation | LC50 Rat: 4000 ppmV (4 hours) |

**Skin corrosion/irritation**

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

**Serious eye damage/irritation**

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:**

| Name | Result |
|---|---|
| Acetaldehyde | Causes serious eye irritation. |

**Respiratory or skin sensitization**

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

**Carcinogenicity**

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:**

| Name | Species | Result |
|---|---|---|
| Titanium Dioxide | Not applicable. | Airborne, unbound particles of respirable size are known to cause cancer. |
| Acetaldehyde | Rat | The IARC has concluded that there is inadequate evidence in humans for the carcinogenicity of acetaldehyde and that there is sufficient evidence in experimental animals for the carcinogenicity of acetaldehyde. The overall conclusion was that acetaldehyde is possible carcinogenic to humans (Group 2B). |

**International Agency for Research on Cancer (IARC):**

| Name | Classification |
|---|---|
| Titanium Dioxide | Group 2B |
| Vinyl Acetate | Group 2B |
| Acetaldehyde | Group 2B |

**National Toxicology Program (NTP):** None of the ingredients are listed.

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**Germ cell mutagenicity**

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:**

| Name | Result |
|---|---|
| Acetaldehyde | Suspected of causing genetic defects. |

**Reproductive toxicity**

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

**Specific target organ toxicity (single exposure)**

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:**

| Name | Result |
|---|---|
| Vinyl Acetate | May cause respiratory irritation. |
| Acetaldehyde | May cause respiratory irritation. |

**Specific target organ toxicity (repeated exposure)**

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

**Aspiration toxicity**

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

**Information on likely routes of exposure:**

No data available.

**Symptoms related to the physical, chemical and toxicological characteristics:**

No data available.

**Other information:**

No data available.

## SECTION 12: Ecological information

**Acute (short-term) toxicity**

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:**

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| Name | Result |
|---|---|
| Vinyl Acetate | EC50 Daphnia magna: 12.6 mg/L (48 hours) |

**Chronic (long-term) toxicity**

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:**

| Name | Result |
|---|---|
| Vinyl Acetate | NOEC Pimephales promelas: 0.16 mg/L (34 days) |

**Persistence and degradability**

**Product data:** No data available.

**Substance data:**

| Name | Result |
|---|---|
| Titanium Dioxide | Degradation/biodegradation testing is not relevant for metals and metal compounds that are not (bio)degradable, including titanium dioxide. |
| Vinyl Acetate | Readily biodegradable. |
| Acetaldehyde | This substance is readily biodegradable (80% degradation [BOD] after 14 days). |

**Bioaccumulative potential**

**Product data:** No data available.

**Substance data:**

| Name | Result |
|---|---|
| Vinyl Acetate | BCF: 3.16 |

**Mobility in soil**

**Product data:** No data available.

**Substance data:** No data available.

**Results of PBT and vPvB assessment**

**Product data:**

**PBT assessment:** This product does not contain any substances that are assessed to be a PBT.

**vPvB assessment:** This product does not contain any substances that are assessed to be a vPvB.

**Substance data:**

**PBT assessment:**

| | |
|---|---|
| Titanium Dioxide | According to Annex XIII of regulation (EC) 1907/2006 a PBT assessment shall not be conducted for inorganic substances. Titanium dioxide is an inorganic substance, thus a PBT assessment is not required. |
| Vinyl Acetate | This substance is not PBT. |
| Acetaldehyde | This substance is not PBT. |

**vPvB assessment:**

| | |
|---|---|
| Titanium Dioxide | According to Annex XIII of regulation (EC) 1907/2006 a vPvB assessment shall not be conducted for inorganic substances. Titanium dioxide is an inorganic substance, thus a vPvB assessment is not required. |
| Vinyl Acetate | This substance is not vPvB. |
| Acetaldehyde | This substance is not vPvB. |

**Other adverse effects:** No data available.

# Leather and Vinyl Repair Compound

## SECTION 13: Disposal considerations

**Disposal methods:**

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities

**Contaminated packages:**

Not determined or not applicable.

## SECTION 14: Transport information

**Australian Dangerous Goods (ADG)**

| | |
|---|---|
| **UN number** | Not regulated |
| **UN proper shipping name** | Not regulated |
| **UN transport hazard class(es)** | None |
| **Packing group** | None |
| **Environmental hazards** | None |
| **Special precautions for user** | None |

**International Maritime Dangerous Goods (IMDG)**

| | |
|---|---|
| **UN number** | Not regulated |
| **UN proper shipping name** | Not regulated |
| **UN transport hazard class(es)** | None |
| **Packing group** | None |
| **Environmental hazards** | None |
| **Special precautions for user** | None |

**International Air Transport Association Dangerous Goods Regulations (IATA-DGR)**

| | |
|---|---|
| **UN number** | Not regulated |
| **UN proper shipping name** | Not regulated |
| **UN transport hazard class(es)** | None |
| **Packing group** | None |
| **Environmental hazards** | None |
| **Special precautions for user** | None |

| **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** | |
|---|---|
| **Bulk Name** | None |
| **Ship type** | None |
| **Pollution category** | None |

## SECTION 15: Regulatory information

## Leather and Vinyl Repair Compound

**Australia regulations**

**Australian Inventory of Chemical Substances (AICS):** All ingredients are listed or exempt.

**Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP):**

| Ingredient Name | CAS | Schedules |
|---|---|---|
| Vinyl Acetate | 108-05-4 | 6 |

## SECTION 16: Other information

**Abbreviations and Acronyms:** None

**Disclaimer:**

This SDS was authored in accordance with the Australian Work Health and Safety Regulations and supplemented by the Australian Code of Practice on the Preparation of Safety Data Sheets for Hazardous Chemicals. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

**Initial preparation date:** 10.11.2017
**Revision date:**7.24.2020

**Revision Notes:**

| Revision Date | Notes |
|---|---|
| 2020-07-24 | Occupational exposure limits reports; no other significant changes. |

**Additional information:**

Version 2

**End of Safety Data Sheet**