



VLP

Leather & Vinyl Repair Adhesive



VLP FUSES RIPPED VINYL & LEATHER

BACK TOGETHER ON...
Car seats, dishwasher racks, recliners, air mattresses.....and more



Available Sizes:
 29.3 ml Tube Carded, 355ml can, 3.78 litres, 19.8 litres, 198 litre drum.

VLP® A clear, high strength, flexible adhesive, designed to mend small rips, tears and small holes on most types of vinyl & leather material. A repair made with VLP® is stronger than the original vinyl or leather material. This air dry formula dries clear and blends with coloured materials and is easy to use for vinyl repair. VLP® actually dissolves the surface of the vinyl creating an excellent bond.



Available Colour:

Clear

VLP®—America's #1 Vinyl Repair Product

Easy to use pinpoint applicator nozzle

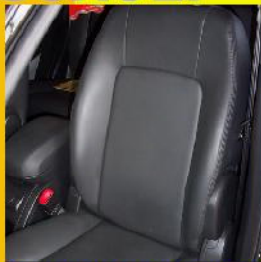
Fuses ripped vinyl together without heat, just apply and let dry

Clear liquid blends with all colours

A VLP repair is stronger and

will last longer than the original vinyl.

USAGE:



Repairs leather and vinyl seats, luggage and welting



Blends with coloured vinyl and leather, no colour matching



Repair rips on vinyl & leather areas of exercise equipment



Repair windsurfer sails or other sails



Repair vinyl / leather gloves and / or head gear, athletic bags



Repair small pinholes, rips and tears on awnings and canvas



Repair rips and tears in inflatables



Repair vinyl / leather briefcases, suitcases, purses, jackets

TECHNICAL INFORMATION:

SPECIFICATIONS:

Solids: (wt) 18%
 Temperature use range: -10°F to 200°F
 Tensile: (ASTM D -882) 2,900psi
 Bond strength: (ASTM D -882) 26.02 # load
 Elongation: (ASTM D -882) 240%
 Dry colour: clear
 Viscosity range: 1,200 -2,500 cps
 Coverage: 60 sq.ft. per gal at 5 mils
 Shelf life: 1+ year at 77°F

ALTERNATIVE PRODUCTS:

For patching or swimming pool liner repairs, use Performix® Brand VYNA BOND. For ultimate surface to surface adhesion of vinyls and other materials, see VYNA BOND® technical data sheet #2.

SURFACE PREPARATION:

All surfaces to be glued must be free of all oils, dust or other foreign matter. **Lightly wipe down vinyl with alcohol and let dry.**

CAUTION- If VLP® is smeared on vinyl it can discolour or remove colourant from vinyl.

Directions:

1. Small tears and splits require a light bead application of VLP®. Allow 30 minutes to dry and repeat. Allow 4 hours dry time for maximum strength.
2. Long tears and splits require the vinyl to be pulled together and stitched with masking tape every 25-50mm (1" to 2"). Apply a light bead application of VLP to untaped areas and allow a minimum of ½ hour to dry. Carefully remove masking tape and apply a light bead application to entire repair. Allow 4 hours dry time before use or ½ hour and repeat; then allow 4 hours dry time for maximum strength.
3. For small holes: Apply a few drops of VLP® and allow to dry 1 hour before use.
4. To conceal repair, apply a small amount of VLP® to a lint free cloth and dab lightly onto dried VLP repair until gloss is removed.
5. For large holes: Use Performix® Brand VYNA BOND®.

DISHWASHER RACKS: (Alternative Product: Re-rack)

1. Remove rack from dishwasher; use cardboard to protect work surface. With sandpaper or steel wool, remove any rust or loose coating from the damaged area and lightly rough up the vinyl surrounding the area to be repaired.
2. Wipe clean the area to be repaired with rubbing alcohol and let dry.
3. Apply a heavy coat of VLP® onto exposed metal, overlapping onto vinyl surrounding the area. Allow to dry 2 hours. Repeat procedure until 3 coats have been applied.
4. Allow to dry 48 hours minimum before use.

HINTS:

Recommended thinners are Methyl Ethyl Ketone and THF. Allow to dry overnight whenever possible. Do not smear VLP® on coloured vinyls. Apply in temperatures above 50°F. Avoid excessive air movement, heat or humidity.

Always use proper ventilation and protection.

VLP® - earns its place because it works.



VLP®

VINYL/LEATHER REPAIR

DESCRIPTION:

VLP® is a clear, high strength, flexible adhesive, designed to mend rips, tears and small holes on most types of flexible vinyl surfaces. VLP® is supplied in an easy to use, air dry formula that dries clear and blends with all colored vinyls. VLP® actually dissolves the surface of the vinyl and creates an excellent bond when completely dry. On porous fabrics, VLP® can be used the same as on vinyl but actually penetrates the pores and creates an excellent mechanical bond. VLP® is typically used on vinyl furniture, awnings, tarps, vinyl sheeting, luggage, rain wear, boots, etc. Because of its' bonding and tensile strength, VLP® also acts as a "back up" to sewn vinyl seams when applied to the backside of the seam in production.

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USE ADEQUATE VENTILATION.



plastidip.net.au

Plastic Dips and Coatings
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Email: sales@plastidip.net.au

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ADDITIONAL APPLICATION IDEAS

Athletic Equipment

Bowling bags

Golf bags

Covers

Tent Floors

Rainwear

Curtains

Awnings

Vinyl wetting

Luggage

Garment bags

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TECHNICAL DATA SHEET #1
REVISED 5/24/2001DR
VLP

MATERIAL SAFETY DATA SHEET**Section 1 - Identification of the Preparation and the Company**

VLP (F-631)

This product is classified as hazardous according to the criteria of Safe Work Australia.
Classified as a Dangerous Good according to the Australian Dangerous Goods Code (ADG).

Uses: Vinyl and leather repair

Address:

Plastic Dips & Coatings
56 Slade Road
Bardwell Park
New South Wales 2207

Telephone:

Tel: (02) 9599 8858
Fax: (02) 9599 8859

Emergency Tel: 0427 974 344

Section 2 – Hazards Identification**DANGER**

Flame



Exclamation Mark

Hazard Statements

Flammable Liquid 2
Acute Toxicity 4

Specific Target Organ Toxicity Single Exposure 3

Skin Irritant.2

Precautionary Statements**Prevention**

P101 If medical advice is needed, have product container or label at hand
P102 Keep out of reach of children
P210 Keep away from flames and hot surfaces – No smoking
P261 Avoid breathing vapours
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/eye protection/face protection See Section 8.

Response

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician.

P330 Rinse mouth

P331 Do not induce vomiting

P302 + P352 IF ON SKIN: Wash with plenty of soap and water

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

P305 + P313 + P351 + P337 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention

P308 + P313 If exposed or concerned: Get medical advice/attention

P370 + P378 In case of fire: Use carbon dioxide, dry chemical or foam for extinction

Storage

P403 + P233 + P235 Store in a well-ventilated place. Keep container tightly closed. Keep cool

Disposal

P501 Dispose of contents/container to approved landfill

H225: Highly flammable liquid and vapour
H332: Harmful if inhaled
H312: Harmful in contact with the skin
H335: May cause respiratory irritation
H336: May cause drowsiness or dizziness
H315: Causes skin irritation

Section 3 - Composition/Information on Ingredients

Ingredient(s)	CAS-number	%wt
Tetrahydrofuran	109-99-9	60 - 70
Methyl ethyl ketone	78-93-3	10 - 20
Cyclohexanone	108-94-1	<5

Section 4 – First Aid Measures**Ingestion:**

NEVER GIVE AN UNCONSCIOUS PERSON ANYTHING TO DRINK NOR ATTEMPT TO INDUCE VOMITING. If the person is conscious, rinse mouth out with water ensuring that mouthwash is not swallowed. Give about 250mL (2 glasses) of water to drink. DO NOT attempt to induce vomiting. Seek URGENT medical attention. For advice, contact a Poisons Information Centre (phone e.g. Australia 131 126; New Zealand 0800 764 766).

Inhalation:

Remove to fresh air. Keep warm and at rest. If breathing is laboured, hold in a half upright position (this assists respiration). Apply artificial respiration if breathing has stopped. Seek URGENT medical attention for all but the most minor cases of over-exposure.

Eye Contact:

If in eyes, IMMEDIATELY hold eyelids apart and flush the eye continuously with running water. Seek medical attention. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.

Skin Contact:

Remove contaminated clothing. Rinse the affected area with water then wash thoroughly with soap and water. Use water alone, if soap is unavailable. Seek medical attention if any soreness or inflammation of the skin persists or develops later. Launder affected clothing before re-use.

Advice to Doctor:

Treat symptomatically

Section 5 – Fire Fighting Measures

Highly flammable. Keep away from sources of ignition such as open flames, sparks, hot surfaces or burning cigarettes. Sealed containers may explode if heated.

In case of fire, wear self-contained breathing apparatus. If possible remove containers from the vicinity of the fire. Otherwise keep containers as cool as possible by spraying with water, from a protected position.

Extinguish using carbon dioxide, dry chemical or foam. Water jets are not suitable for fire fighting

Section 6 – Accidental Release Measures

Eliminate ignition sources. Vapours are heavier than air and may travel considerable distances to sources of ignition. Wear protective equipment as specified for handling. Increase the ventilation if it is possible to do so. Prevent entry into waterways. Cover with an absorbent such as earth, sand or a commercial oil absorber. Sweep up and collect. Leave to stand in a well-ventilated (preferably outdoor) area where the solvent can evaporate safely. Dispose of residue to approved landfill.

Section 7 – Handling and Storage**Storage:**

Store in a flammable liquids area, out of direct sunlight in a cool well ventilated area. Higher temperatures may cause pressure build up inside containers. Protect containers against physical damage.

Handling:

Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Provide adequate ventilation. Avoid vapour concentrations above the exposure standards. Avoid inhalation of vapour and spray mist. Avoid skin and eye contact. Keep away from sources of ignition – No smoking. For Personal Protective Equipment (PPE), see Section 8.

Section 8 – Exposure Controls/Personal Protection

Exposure standards: Exposure standards have not been allocated to this product. Information for the ingredients is:

Tetrahydrofuran

TWA: 100 ppm, 295 mg/m³

Methyl Ethyl Ketone

TWA: 150 ppm, 445 mg/m³

STEL: 300 ppm, 890 mg/m³

Cyclohexanone

TWA: 25 ppm, 100 mg/m³ skin

Exposure standards represent airborne concentrations of individual chemical substances, which according to current knowledge, should neither impair the health nor cause undue discomfort to nearly all workers. Exposure standard may be a time-weighted average (TWA), a short-term exposure limit (STEL) or a peak level.

Engineering Controls:

Product may generate high vapour levels in confined or poorly ventilated areas.

Ventilation requirements depend on the quantity of product in use. General (mechanical) ventilation may be adequate for minor use but ventilation must be sufficient to maintain vapour levels below the appropriate exposure standard and fan forced or local exhaust ventilation may be required if using large amounts of this product in a poorly ventilated area.

Personal Protection:

Safety glasses and PVC, neoprene, nitrile or butyl rubber gloves should be worn, if necessary to prevent skin contact. A half face respirator with organic solvent vapour filter may be required in poorly ventilated conditions. In confined spaces use air supplied breathing apparatus. N.B. TAKE THE LIMITS OF ABSORPTION CAPACITY INTO ACCOUNT. CHANGE FILTERS REGULARLY.

Section 9 – Physical and Chemical Properties

Appearance: Clear liquid with a strong solvent odour

Specific gravity (H₂O = 1): 0.90 – 0.92

Boiling Point: 66 - 79°C

Solubility in Water: Insoluble

Vapour Pressure: 143mmHg @ 20°C

Vapour density (Air = 1): Heavier than air.

Flash Point: -15°C (Method) TCC

Explosive limits (% By Volume in Air): 13 – 11.8

% Volatile: 81.6

Section 10 – Stability and Reactivity

Stable under recommended storage and handling conditions (refer to Section 7).

If heated to decomposition or burned, the product may generate carbon monoxide, carbon dioxide, oxides of nitrogen and smoke.

Keep away from oxidising agents, strongly alkaline and acidic materials.

Section 11 – Toxicological Information

Symptoms of Exposure:

Exposure to solvent vapour concentrations in excess of the relevant exposure standards (see Section 8) may result in adverse health effects. Symptoms of over exposure include headache, drowsiness, fatigue, dizziness and in extreme cases, loss of consciousness. Prolonged contact may result in absorption through the skin.

Chronic Health Effects

Chronic exposure may result in damage to the liver, kidneys and central nervous system. Prolonged contact with skin may result in dermatitis.

Adverse health effects are a result of prolonged and repeated over-exposure and this product should pose no serious health risk if the precautions listed in this SDS are followed.

Product is inert and non-toxic when cured.

Section 12 – Ecological Information

Environmental Fate:

Resin may persist in the environment. However, the product is expected to exist predominantly in the vapour phase and will be rapidly degraded in the atmosphere by reaction with photochemically produced hydroxyl radicals. It is expected to have high mobility in soil and volatilization from moist soil surfaces is expected to be an important fate process.

Potential to Bioaccumulate:

Negligible for solvent.

Section 13 – Disposal Considerations

Dispose by controlled incineration or to approved landfill.

Section 14 – Transport Information

Proper Shipping Name: COATING SOLUTION

UN Number: 1139

Class: 3

Packing Group: II

Hazchem Code: 3(Y)E

Class 3 Flammable Liquids should not be transported or stored with goods of:

- Class 1 Explosives
- Class 2.1 Flammable Gases (where both flammable liquids and flammable gases are in bulk)
- Class 2.3 Poisonous Gases
- Class 4.2 Spontaneously Combustible Substances
- Class 5.1 Oxidising Agents
- Class 5.2 Organic Peroxides
- Class 7 Radioactive Substances

Section 15 – Regulatory Information

Product is a schedule 5 Poison according to the requirements of the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

All ingredients are listed on the Australian Inventory of Chemical Substances (AICS).

Section 16 – Other Information

User should verify applicability of this data sheet if more than 5 years old.

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