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**MATERIAL SAFETY DATA SHEET NO. 518****TRADE ESSENTIALS - CROSS LINKING PVA ADHESIVE**

**IMPORTANT NOTICE:** This Material Safety Data Sheet (MSDS) is issued by The Laminex Group in accordance with National Occupational Health and Safety Commission (NOHSC) Guidelines. The information contained herein must not be altered, deleted or added to. The Laminex Group will issue a new MSDS when there is a change in product specifications and/or NOHSC guidelines / regulations. The Laminex Group will not accept any responsibility for any changes made to its MSDS in content by any other person.

**STATEMENT OF HAZARDOUS NATURE:** This material is classified as a non-hazardous substance according to the criteria of NOHSC

**COMPOSITION & INFORMATION ON INGREDIENTS**

Chemical Entity	CAS No.	Proportion
<b><u>Hazardous constituents</u></b>		
Preservative		< 1%
Non Hazardous Emulsion Polymer		30 - 60%
Other Ingredients including water		up to 100%

No other hazardous materials are present in this product at concentrations above the cut off levels as noted in the NOHSC List of Designated Hazardous Substances, or as defined in the Approved Criteria for Classifying Hazardous Substances NOHSC: 1008(2004).

**AICS Status**

All components of the finished product are listed on the AICS.

**HAZARDS IDENTIFICATION****Acute**

- Swallowed May cause nausea and diarrhoea.  
Eye Not expected to be irritating to the eye  
Skin May cause slight irritation to the skin on repeated or prolonged contact due to defatting of skin  
Inhaled Whilst not a hazard in the form supplied, inhalation of the liquid, mist or aerosol of the product during such operations as spraying may cause irritation to respiratory tract.

**Chronic**

No Data Noted.

## FIRST AID MEASURES

Swallowed	Do not induce vomiting. Give 1 - 2 glasses of water and obtain medical assistance. Should the patient vomit, maintain a clear airway until medical assistance is obtained
Eye	Flush with water for 15 minutes. It is advisable to obtain medical advice concerning any eye injury.
Skin	Wash affected areas with soap and water.
Inhaled	Not an inhalation hazard in the form supplied, however if affected by inhalation of the liquid, mist or aerosol etc. remove the person to fresh air. If the person stops breathing apply artificial respiration and other first aid techniques as required and obtain immediate medical assistance.

## ADVICE TO DOCTOR

Avoid aspiration risks if vomiting induced. The polymeric substance will form films on drying.

## FIRE FIGHTING MEASURES

### Fire / Explosion Hazard

This product is non-flammable and does not in itself represent a fire and explosion hazard, however excessively heated sealed containers may rupture.

### Dangerous Decomposition

Carbon Dioxide, carbon monoxide, acetic acid and other unidentified thermal decomposition products may be produced.

### Fire Fighting Recommendations

Use water, water fog, carbon dioxide or dry chemical.

## ACCIDENTAL RELEASE MEASURES

Wear rubber gloves and goggles in addition to respiratory protection for protection against splashes and vapours. Extinguish all ignition sources. Dam and recover. Prevent entry into drainage systems, rivers, waterways etc. Collect with absorbent materials such as sand, earth or appropriate commercial absorbent. Shovel up with non-sparking tools. Place into suitable containers. Empty containers may contain product residue. Follow safety procedures until container has been cleaned

## HANDLING & STORAGE

Store on wooden pallet. Store between 5°C and 30°C. Do not allow adhesive to freeze.

## DANGEROUS GOODS CLASS / SUBSIDIARY RISK

None allocated.

## EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Exposure

This material may contain a small amount of residual monomer, generally a maximum of 0.5% in total.

This material contains the following materials for which exposure limits have been set by NOHSC as listed in "National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC: 1003(1995)]" is as follows:

Vinyl Acetate	108-05-4	TWA 10 ppm STEL 20 ppm
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### Ventilation

Ensure adequate ventilation to maintain exposure levels below the listed exposure limits. Forced ventilation is not normally required.

### Personal Protection

#### Respiratory type (AS1716)

Where ventilation is not adequate, respiratory protection may be required. An approved Organic vapour mask if exposed to mists or vapours.

#### Glove Type

Impervious gloves should be worn to prevent skin contact. Consult Industrial glove supplier for a suitable glove.

#### Eye

Goggles or face shields to avoid splashes

#### Clothing

Sufficient to avoid skin contact.

## PHYSICAL & CHEMICAL PROPERTIES

### Appearance

White fluid product

### Chemical Properties

Boiling point, °C:	Approx. 100°C
Vapour Pressure@ 760 mm Hg at 25 °C	Not known
Solubility in Water, g/l:	Miscible
Specific Gravity: kg /litre	Approx. 1.07 kg / litre
Flash Point, °C:	Not Applicable
Flammability Limits, % Upper:	Not Applicable
Flammability Limits, % Lower	Not Applicable
Evaporation Rate (BuAc = 1):	Not Determined
PH	4 – 5
Other Data:	None noted

### Use

Specialised applications including woodworking applications

## Method of application

Mechanical or hand tool

## STABILITY & REACTIVITY

### Reactivity

Stable at normal temperature and pressures

## TOXICOLOGICAL INFORMATION

None noted for this product.

## ECOLOGICAL INFORMATION

No data available for the product. Do not allow product to enter the environment. Waste material should be collected and disposed of according to the relevant Local / State or Federal regulations.

## DISPOSAL

Refer to Land Waste Management Authority

## TRANSPORT INFORMATION

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail

## REGULATORY INFORMATION

UN Number	None Allocated
Dangerous Goods Class	None Allocated
Risk Phrases	None Allocated
Safety Phrases	None Allocated
Poisons Schedule	None Allocated

## OTHER INFORMATION

### Contact Point

National Starch and Chemical Pty Ltd	TITLE	SHE Manager
Stanton Road, SEVEN HILLS. NSW. 2147	TEL	02 9624 6022
PREPARED BY: Margaret Teleki	TEL	02 9624 6022
Health, Safety & Regulatory Affairs Manager		

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