



HV124 Silane Construction Adhesive

The information contained within this Technical Data, details product description, health and safety hazard information of the product and how to safely handle and use the product in the workplace. Also refer to MSDS for more information. Each user of this product should read the MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Demtech Australia Pty Ltd. Demtech Australia Pty Ltd makes no representation as to the completeness and accuracy of the data contained in this data sheet. It is the user's obligation to evaluate and use this product safely, and to comply with all relevant Federal, State and Local Government laws and regulations. Demtech Australia Pty Ltd shall not be responsible for loss, damage or injury resulting from reliance upon or failure to adhere to any recommendation or information contained herein, from abnormal use of the material, or any hazard inherent in the nature of the material.

STATEMENT OF HAZARDOUS NATURE

Not classified as hazardous according to criteria of Worksafe Australia.

IDENTIFICATION

Product Name	Cureflex - HV124 construction adhesive
Other Names	High Viscosity Silane Polymer Adhesive
Manufacturer's Product Code	HV124
UN Number	None assigned
Dangerous Goods Class	None assigned
Subsidiary Risk	None assigned
Shipping Name	None assigned
Hazchem Code	None assigned
Poisons Schedule Number	None assigned
Major recommended uses	Multi-purpose adhesive/sealant

HV124 Silane

Construction Adhesive

IDENTIFICATION Cont.

Physical Description / Properties

Appearance	Viscous paste
Boiling Point (°C)	N/A
Vapour Pressure	N/A
Volatile Component	Not Determined
Specific Gravity	Approx 1.35gr/cm ³
Flashpoint (°C)	> 61 °C
Flammability Limits	Not spontaneously combustible
Solubility in Water	Not soluble, reacts
Solubility in organic solvents (200C)	Complete

Other Properties

Autoignition Temperature	>250 °C
Evaporation Rate	N/A
Percentage Volatiles (by wt)	<1%

INGREDIENTS

Chemical Name:	CAS Number:	Proportion:
N-Trimethoxy silane	1760-24-3	0.1-<1.0%
Trimethoxy vinyl silane	2768-02-7	0.1-<1.0%
Plasticizer	91082-17-6	< 10-25%
Titanium dioxide	13463-67-7	< 10%

Contents: High >60% Medium 10 – 60% Low 1 – 10% Very Low <1%
 * other ingredients determined not to be hazardous, including water, to 100%.
 *This product is free of isocyanates, solvents and PVC

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HEALTH HAZARD INFORMATION

Health Effects

Acute:	
Swallowed	Toxicity caused by single oral dosage is low
Eye	May cause sensitisation
Skin	May cause skin sensitisation
Inhaled	Product is odourless
Chronic:	
Swallowed	Skin sensitivity can be developed following prolonged and repeated contact No data supplied; but polymer is not expected to be harmful
Eye	Prolonged exposure may be an eye irritant
Skin	Prolonged exposure may result in slight skin irritation
Inhaled	Prolonged exposure to vapours or spray mist may cause slight irritation to eyes, nose and throat

First Aid

Swallowed	In case of ingestion irritation, seek medical attention.
Eye	Immediately flush with large amounts of water for at 5-10 minutes; lifting upper and lower lids. Seek medical attention if irritation persists.
Skin	Wash with water and soap. Seek medical attention if irritation persists.
Inhaled	If affected, move subject to fresh air. Seek medical assistance if symptoms persist.
First Aid Facilities	Ensure availability of eye wash fountains and/or water access.
Advice to Doctor	Treat symptomatically.



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PRECAUTIONS FOR USE

Exposure Standards - None determined for this product by Worksafe Australia

** Other Exposure information: Exposure standards not established for product, or other ingredients.*

Personal Protection

Respirator Type (AS/NZS 1716)	Where concentrations in air may exceed the recommended exposure limits, or work practice or other means of exposure reduction are not adequate, approved respirator may be necessary to prevent overexposure by inhalation.
Glove Type	Neoprene/rubber gloves.
Eye Protection	Safety glasses as appropriate
Clothing	Protective clothing to cover body parts, e.g. long sleeved overalls or similar; and boots.
Other	Wash hands before smoking, eating, drinking or using the toilet and after finishing work. Observe the usual precautions when handling chemicals.
Flammability Fire Hazards	No unusual fire danger. The flash point is >610 C. Not spontaneously combustible.

SAFE HANDLING INFORMATION

Storage and Transport

Location	Store in a dry cool area to prolong storage life. Keep container closed at all times and check regularly for leaks. Store away from UV light.
Temperature Conditions	Best stored at room temperature; prevent from freezing.
Protection from Weather	Store undercover and away from heat sources, water, electric plant, oxidizing agents and foodstuffs.
Storage Incompatibilities	N/A

SPILLS AND DISPOSAL

Clean Up Spills	Do not contaminate streams, rivers, or water courses. Do not flush down drains and sewers. Inform local authority if product enters drains, sewers, streams, etc. Clean up before the material dries. Sweep and wipe up all trace of product.
Disposal	Dispose of in accordance with local, state and federal regulations.
Precautions for Clean Up Crew	Nitrile rubber or PVC gloves, safety glasses and respirator



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FIRE / EXPLOSION HAZARDS

Hazard of Use / Storage	Non-combustible, not considered a fire risk.
List of Dangerous Decomposition or Combustion Products	In event of fire the following substances may form: carbon, monoxide and nitric acid
Types of Extinguisher	Foam, CO ² and dry chemical Use water spray to cool fire exposed surfaces and protect personnel
Precautions	Fire fighters should wear self-contained breathing apparatuses
Protective Clothing	Appropriate fire fighting clothing
Reactivity	None

OTHER INFORMATION

Ecology	Avoid contaminating waterways and sewers. This product is not biodegradable.
Packaging & Labelling	15kg Drum, 920gm foil pack, 330gm cartridge
Precautions for Use	None assigned
Reactivity Data	Methoxysilane base products react with water producing methanol. The products are insoluble in water and as they are denser than water, precipitate to the bottom, slowly reacting on the interface.
Toxicity Data	N/A



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CONTACT POINT

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Australia Poisons Information Centre

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Police & Fire Brigade

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General

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