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MATERIAL SAFETY DATA SHEET NO. 505

STATEMENT OF HAZARDOUS NATURE: In its intact state this product is not classified as a hazardous substance according to the criteria of Worksafe Australia

LAMINEX - 620 LAMIPANEL SILICONE SEALANT

IMPORTANT NOTICE: This Material Safety Data Sheet (MSDS) is issued by The Laminex Group in accordance with Worksafe Australia Guidelines. As such, 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 Worksafe Australia guidelines/regulations. The Laminex Group will not accept any responsibility for any changes made to its MSDS in content by any other person.

IDENTIFICATION

Product Name/Names:	Laminex Lamipanel Silicone Sealant Laminex 620 Silicone Sealant 620 Silicone Sealant Lamipanel 620 Silicone Sealant
UN Number:	None allocated
Dangerous Goods Class and Subsidiary Risk:	None allocated
HAZCHEM Code:	None allocated
Poisons Schedule:	None allocated

Uses: For all general sealant applications. Not to be used on metals.

Physical Description/Properties:

Appearance: Non flowing opaque paste with vinegar or acetic acid odour.
Formula: Compounded silicone sealant

Boiling point, °C:	Not applicable
Vapour Pressure, mm Hg at 25°C:	Not applicable
Relative Vapour Density:	Not applicable
Solubility in Water, g/l:	Negligible
Volatile Component:	Less than 10%
Specific Gravity:	1.4 (water =1)
Flash Point, °C:	Not applicable
Flammability Limits, %:	Not applicable
Explosive Limits	Not applicable
Auto ignition Temperature, °C:	Not applicable
Decomposition Temp:	> 200°C
Molecular Weight:	N/A

pH: Acidic
Form: Solid

Ingredients:

Substance	CAS No.	Proportion
Polydimethylsiloxane Compounds	63148-62-9	60-100%
Amorphous Silica		
Pigments	55599-33-2	30-60%
Oxime Silanes	1309-37-1	0-10%
Organometallic catalysts	9663-68-0	0-10%
		0-10%

AICS status: All components of the finished products are listed on the AICS.

HEALTH HAZARD INFORMATION

Health Effects:

Acute:

Swallowed: May cause irritation to mouth, throat and stomach.
Eye: A moderate eye irritant
Skin: Repeated or prolonged skin contact may lead to irritation
Inhalation: High concentrations of vapour may cause irritation of the respiratory tract

Chronic:

Chronic exposure to vapours may cause inflammation of the nose, mouth, throat and bronchi. (No vapour is emitted after full cure).

First Aid:

Swallowed: Do not induce vomiting - seek immediate medical attention.
Eye: Flush with flowing water for at least 15 minutes, and if symptoms persist, seek immediate medical attention.
Skin: Wash with mild soap and running water.
Inhaled: Remove to fresh air.

Toxicity Data:

Methylethylketoxime set free during curing present notable risk of toxicity, when large amounts of the product is used in an enclosed area, e.g. a small unventilated bathroom.

Amorphous silica and other fine powder ingredients are bound in the paste mixture and do not present any risk of toxicity under normal conditions of use and handling

Advice to Doctor:

Treat symptomatically. Consult Poisons Information Centre.

PRECAUTIONS FOR USE

Exposure Limits:

No exposure limit is assigned to the mixture. Methylethylketoxime is released during cure. Limited animal (rat) data showed that at high vapour concentration of methylethylketoxime narcotic effects are observed. Ingestion: LD50 (rat) = 2400 - 3700 mg / kg.

Engineering Controls:

Avoid breathing in vapours. Use with adequate ventilation

Personal Protection:

Avoid skin and eye contact. Wear eye protection to prevent any reasonable probability of eye contact.

Flammability:

Non flammable. Combustible. Will burn if involved in a fire but not considered to be a significant fire risk.

The main combustion products are silica, carbon dioxide and carbon monoxide.

Other Precautions:

Safe work practices and good personal hygiene should be observed

SAFE HANDLING INFORMATION**Storage and Transport:**

Keep product dry to prevent lumping or possible deterioration.

The following data applies to the uncured sealant. The hazards associated with this product are mainly due to the reactive cross linkers, and the vapours given off when the sealant reacts with moisture in the air. When curing is complete, the resulting product is an inert, non-toxic, silicone elastomer.

Packaging and Labelling:

Keep in the original airtight container to prevent degradation.

Spillage and Disposal:

Normally suitable for local incineration, Consult local disposal authority guidelines. Non – biodegradable

Fire / Explosion Hazard:

Low hazard. Non-flammable paste.

Forms essentially amorphous silica, carbon dioxide and carbon monoxide on combustion.

Use water and carbon dioxide fire extinguishers.

Hazardous Reactions

The product is considered stable under normal handling conditions.

Environment Protection

Non-biodegradable. No negative ecological effects are known.

Contact Point:

QSE Manager or Technical Manager
Rhodia Silicones Australia Pty Ltd
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