

SAFETY DATA SHEET

Fix1DC Deck Caulk

1. Identification

1.1 Identification of the substance or preparation:

Product Name: Fix1DC

1.2 Use of substance or preparation:

Sealant

1.3 Company undertaking identification:

Fixtech Pty Ltd – Fixtech Marine Solutions
Unit 1/20
Molendinar, Queensland 4214
Tel: +61 7 5530 1099
Fax: +61 7 5530 1322
Email: info@fixtech.com.au

1.4 Emergency telephone:

+61 7 5530 1099

2. Composition/information on ingredients

Hazardous Ingredients	CAS No.	Conc. In %
Hydroxy-terminated dimethyl siloxane	63148-60-7	40-70%
Methyltris(methylethylketoxime)silane	22984-54-9	< 10%
Vinyltris(methylethylketoxime)silane	2224-33-1	< 10%
Nano Calcium carbonate	471-34-1	< 40%
Functional silica	919-30-2; 2530-87-2; 2530-83-8	< 1%
Organometalic compound	77-58-7; 3648-18-8; 78-04-6	< 5%
Hydrotreated petroleum distillates	8012-95-1	<40%
Silicone oil	63148-62-9	<10%

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3. Hazardous identification

Hazard category	Hazard statement	Signal word	Symbol Exclamation Mark
4	H302 Harmful if swallowed	Warning	!
2	H315 Cause skin irritation		
2A	H319 Cause serious eye irritation		
A	H332 Harmful if inhaled		

4. First aid measures

- 4.1 After inhalation:**
- Remove the victim to fresh air
 - Respiratory difficulties: consult a doctor/ seek medical advice
- 4.2 Skin contact:**
- Rinse with water
 - Soap may be used
 - Seek medical advice if irritation persists
- 4.3 Eye contact:**
- Immediately flush with water for 15 minutes
 - Seek medical advice if irritation persists
- 4.4 After ingestion:**
- Rinse mouth with water
 - Seek medical advice

5. Fire fighting measures

- 5.1 Flash point:** Not applicable
- 5.2 Auto ignition Temperature:** Not determined
- 5.3 Flammability limits (in air):** Not determined

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- 5.4 Extinguishing media:** On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO₂), dry chemical or water spray. Water can be used to cool fire-exposed containers.
- 5.5 Fire fighting measures:** Self contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.
- 5.6 Unusual Fire Hazards:** None

Hazardous decomposition of products:

Thermal breakdown of this product during or very high heat conditions may evolve the following hazardous decomposition products: Carbon Oxides and traces of incompletely burnt Carbon compounds. Nitrogen Oxides, Silicone Dioxide. Formaldehyde, Metal Oxides, Sulfur Oxides, Iodine compound and Quartz

6. Accidental release measures

6.1 Containment/clean up:

Observe all personal protection and equipment recommendations described in sections 5 and 8. Wipe up or clean up and contain for disposal. Clean area as appropriate to prevent slip hazards. Final cleaning may require the use of solvents and/or detergents. Dispose of waste as spontaneous heating may occur. Local, State and Federal laws and regulations may apply to releases and disposal of waste material, as well as the material used in the cleanup of releases. You will need to determine the applicable regulations. Sections 13 and 15 of this MSDS provide information regarding certain federal and state regulations.

7. Handling and storage

Note: See section 8 for Personal Protective Equipment.

7.1 Handling:

- Observe normal hygiene standards
- Do not discharge waste into drains

Use with adequate ventilation. Product produces flammable Methyl Alcohol when exposed to water or humid air. Provide ventilation during use to control exposure to within Section 8

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guidelines or use with air supplied or self-contained breathing apparatus. Avoid eye contact. Avoid breathing vapour. Keep container closed. Do not take internally use reasonable care and store away from oxidizing materials. Keep container closed and store away from moisture.

7.2 Storage:

- Keep container tightly closed
 - Keep out of direct sunlight
 - Store in a dry area
 - Keep away from ignition and heat sources
- Storage temperature : Room temperature

8. Exposure controls/personal protection

8.1 Personal Protective Equipment:

Eyes:	Use proper protection – safety glasses as a minimum
Skin:	Washing at breaks and end of shift is adequate
Suitable Gloves:	No special protection needed
Inhalation:	Use respiratory protection unless adequate local exhaust ventilation is provided or air sampling data shows exposure to be within recommended guidelines. OH&S/Industrial hygiene personnel can assist in judging the adequacy of existing controls.
Suitable Respirator:	General and local exhaust ventilation is recommended to maintain vapour exposures below recommended limits. Where concentrations are above recommended limits as determined by air sampling or are unknown, appropriate respiratory protection should be worn. Follow OH&S/OHSA respirator regulations (29 CFR 1910.134). Use NIOHS/MSHA/OH&S approved respirators

9. Physical and Chemical Properties

9.1 General information:

Physical Form:	Paste
Colour:	See product information
Odour:	Odourless
Specific Gravity @ 25°C:	0.97
Viscosity:	Not Determined

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Freezing/Melting point:	Not Determined
Boiling point:	Not Determined
Vapour pressure @ 25°C:	Not Determined
Vapour density:	Not Determined
Solubility in water:	Not Determined
pH:	Not Determined
Volatile content:	Not Determined

Note: the above information is not intended for use in preparing product specifications

10. Stability and reactivity

10.1 Stability

Chemical Stability:	Stable
Hazardous Polymerization:	Will not occur

10.2 Reactivity:

Conditions to avoid:	None
Materials to Avoid:	Oxidizing material can cause a reaction. Water, moisture or humid air can cause hazardous vapours to form as described in Section 8

11. Toxicological information

11.1 Special hazard information on components:	No known applicable information
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12. Effects on the environment

12.1 Environmental fate and distribution:	Solid material, insoluble in water. No adverse affects are predicted.
12.2 Environmental effects:	No adverse effects on aquatic organisms are predicted.
Bio-accumulation:	No bio-accumulation potential
12.3 Fate and effects in waste water treatment plants:	No adverse affects are predicted on bacteria.

This table is adapted from “Environmental Toxicology and Risk Assessment” ASTM STP 1179,
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This table can be used to classify the Ecotoxicity of this product when Ecotoxicity data is listed.

13. Disposal considerations

13.1 RCRA hazard class (40 CFR 261):

When a decision is made to discard the material, as received, is it classified as a hazardous waste?

No

State or local laws may impose additional regulatory requirements regarding disposal

14. Transport information

14.1 Classification of the substance in accordance with UN recommendations

UN Number	:	Not Applicable
CLASS	:	-
PACKAGING GROUP	:	-

14.2 ADR (transport by road)

CLASS	:	Not subject
PACKAGING GROUP	:	-
CLASSIFICATION CODE	:	-
DANGER LABEL TANKS	:	-
DANGER LABEL PACKAGES	:	-
PROPER SHIPPING NAME	:	-

15. Transport information - continued

14.3 RID (transport by rail)

CLASS	:	Not subject
PACKAGING GROUP	:	-
CLASSIFICATION CODE	:	-
DANGER LABEL TANKS	:	-
DANGER LABEL PACKAGES	:	-
PROPER SHIPPING NAME	:	-

14.4 ADNR (transport by inland waterways)

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CLASS	:	Not subject
PACKAGING GROUP	:	-
CLASSIFICATION CODE	:	-
DANGER LABEL TANKS	:	-
DANGER LABEL PACKAGES	:	-

14.5 IMDG (maritime transport)

CLASS	:	Not subject
SUB RISKS	:	-
PACKAGING GROUP	:	-
MFAG	:	-
EMS	:	-
MARINE POLLUTANT	:	-

14.6 ICAO (air freight)

CLASS	:	Not Subject
SUB RISKS	:	-
PACKAGING GROUP	:	-
PACKAGING INSTRUCTIONS PASSENGER AIRCRAFT	:	-
PACKAGING INSTRUCTIONS CARGO AIRCRAFT	:	-
PROPER SHIPPING NAME	:	-

14.7 Special precautions: Keep separated from foodstuffs

16. Other information

This data completes the technical datasheet for use, but does not replace it. The data given here is based on current knowledge and experience. The purpose of this safety data sheet is to describe the products in terms of their safety requirements.

The data does not signify any warranty with regards to the products properties.

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The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates on to the specific material designated and may not be valid for such material used in combination with other material or in any process, unless specified in the text.