

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: Sumogrip: Adhesive & Sealant (Invisible)
Product code: 03602
Company name: D.I.P.T Group Ltd
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2. HAZARDS IDENTIFICATION

Main hazards: - Product hydrolyses under formation of methanol (CAS no. 67-56-1). Methanol is toxic if inhaled, swallowed or comes into contact with the skin (T, R23/24/25), leads to irreversible damage if inhaled, comes into contact with the skin or is swallowed (T, 39/23/24/25) and is highly flammable (F, R11). Risk of eye irritation. Risk of skin irritation.

3. COMPOSITION / INFORMATION ON INGREDIENTS

CAS-No.	Material	Content		Warning Label (EU)	
		from	to	Symbol	R-Phrases
2768-02-7	Trimethoxy vinylsilane		<5.0	Xn	10-20
13822-56-5	(Trimethoxysilyl) propylamine		<5.0	Xi	36
67-56-1	Methanol		<1.0	F, T	11-23/24/25-39/23/24/25

4. FIRST AID MEASURES

Skin contact: - Wash off with soap and water.

Eye contact: - Rinse immediately with plenty of water.
- Seek medical advice if irritation continues.

Ingestion: - Rinse mouth with water.
- Do not induce vomiting.
- Consult a Physician if necessary.

Inhalation: - If unconscious place in stable sideways position.
- Protect against loss of body heat.
- In cases of sickness seek medical advice.

5. FIRE-FIGHTING MEASURES

Extinguishing media: - Water mist
- Extinguishing powder
- Alcohol-resistant foam
- Carbon dioxide
- Sand

Unsuitable extinguishing media: - Water Spray.
- Water Jet

Exposure hazards: - Nitrous Gases

Protection of fire-fighters: - Respiratory protection independent of recirculated air.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: - Wear personal protection equipment. Keep unprotected persons away. Avoid contact with eyes and skin. Avoid inhaling mists and vapours.

Environmental precautions: - Prevent material from entering surface waters, drains or sewers and soil. Contain any fluid that runs out using suitable material (e.g. earth). Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers.

Clean-up procedures: - Do not flush away with water. For small amounts: Absorb with a liquid binding material such as diatomaceous earth and dispose of according to local/state/federal regulations. Contain larger amounts and pump up into suitable containers. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner. Exhaust vapours.

7. HANDLING AND STORAGE

Handling: - Work outside or in well ventilated area.
- Wear personal protective equipment.
- Keep away from incompatible substances

Precautions against fire & explosion: - Product can separate methanol. Flammable vapours may accumulate and form explosive mixtures with air in containers, process vessels, including partial, empty and uncleaned containers and vessels, or other enclosed spaces. Keep away from sources of ignition and do not smoke. Take precautionary measures against electrostatic charging.

Storage conditions: - Keep containers tightly closed in a dry, cool and well ventilated place.
- Protect against moisture.
- Store in original container only.
- Keep container tightly closed and store in a cool, well ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye protection: - Safety glasses with side-shields.

Hygiene Measures: - Ensure adequate ventilation, especially in confined areas.
- Wash hands before breaks and immediately after handling the product.
- When handling, do not eat, drink or smoke.

Protective measures: - Wear suitable gloves and eye/face protection.
- In the event of insufficient ventilation, use a respiratory protective device with gas filter.

CAS No.	Material	Type	mg/m3	ppm	Dust fract.	Fibre/m3
67-56-1	Methanol	OEL	266,0	200,0		

9. PHYSICAL AND CHEMICAL PROPERTIES

- State:** - Thixotropic paste
- Colour:** - Colourless to yellowish
- Odour:** - Almost odourless
- Flash Point:** - 66°C
- Solubility in water:** - Insoluble
- Viscosity (at 25°C):** - 300000 mPa.s
- Relative density (at 20°C):** - 1,0 g/cm³ at 20 °C, at 1013 hPa
- Other information:** - Explosion limits for released methanol: 5.5 - 44%(V).

10. STABILITY AND REACTIVITY

- Stability:** - If stored and handled in accordance with standard industrial practices no hazardous reactions are known.
- Conditions to avoid:** - Moisture
- Materials to avoid:** - Reacts with: water.
- Reaction causes the formation of: methanol.
- Haz. decomp. products:** - Under the effect of humidity, water and protic agents: methanol.

11. TOXICOLOGICAL INFORMATION

- General information:** - According to our present state of knowledge no damaging effect expected when treated in accordance with standard industrial practices and local regulations where applicable.
- Further information:** - Product(s) of hydrolysis: According to literature methanol (67-56-1) irritates mucous membranes, has skin drying and narcotic effects up to coma or death. Absorption by the skin is possible. Possibility of damage to heart, kidneys, liver and optic nerves (blindness) over a period of time.

12. ECOLOGICAL INFORMATION

- Bultimate Aerobic Biodegradability:** - Polymer components: Not readily biodegradable.
- The product of hydrolysis (methanol) is readily biodegradable.
- Bioaccumulative potential:** - Bioaccumulation is not expected to occur.
- Ecotoxicity:** - According to past experience toxicity to fish is improbable.
- Effects in sewage treatment plants (bacteria toxicity: respiration-/reproduction inhibition): Do not introduce large amounts into purification plants.
- Other information:** - Prevent material from entering surface waters and soil.

13. DISPOSAL CONSIDERATIONS

Disposal operations: - Dispose of according to regulations by incineration in a special waste incinerator.
- Observe local/state/federal regulations.

Contaminated packaging: - Completely discharge containers.
- Containers may be recycled or re-used.
- Observe local/national byelaws.

14. TRANSPORT INFORMATION

Further information: - This product is not regarded as dangerous goods according to the National and International regulations of dangerous goods and is not restricted for transport according to RID/ADR, IMO/IMDG, ICAO-IATO.

15. REGULATORY INFORMATION

Special Identification Instructions: - Safety data sheet available for professional users on request.

National Regulations: - SI 2002/1689: CHIP Regulations 2002
- SI 2002/2677: COSHH Regulations 2002
- SI 1999/3242: Management of Health & Safety at Work Regulations 1999
- Health & Safety at Work Act 1974
- SI 1993/1643: Environmental Protection Act 1993 & Subsidiary Regulations.
- Other national and local measures relating to the workplace, pollution control, environmental protection and waste control.

Other international regulations: **Details of international registration status:**
Listed on or in accordance with the following inventories:
- EINECS - Europe
- ELINCS - Europe
- TSCA - USA

16. OTHER INFORMATION

The above information describes exclusively the safety requirements of the product(s) and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product(s) described in terms of the legal warranty regulations. Properties of the product are to be found in the respective product leaflet.