

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

Product name: Maxitek Multi-Purpose High Modulus Sanitary Silicone Foil (400ml)
Product Code: White - 03073, Clear - 03074
Identified uses: General purpose silicone sealant glass and sanitary sealant
Company name: D.I.P.T Group Ltd
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2. HAZARDS IDENTIFICATION

Classification of the substance or mixture - Classification (EC 1272/2008)

Classification of the substance or mixture: Not Classified

Label elements: Not Classified

Other hazards: Not Classified

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Composition comments: Polydimethylsiloxane with fillers, auxiliaries. acetoxysilane crosslinking agent.

4. FIRST AID MEASURES

Description of first aid measures

General information: In all cases of doubt, or if symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation: Move affected person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion: Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if a large quantity has been ingested. Show this Safety Data Sheet to the medical personnel.

Skin contact: Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye Contact: Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

4. FIRST AID MEASURES *Cont'd*

Most important symptoms and effects, both acute and delayed

Inhalation: May cause discomfort.

Ingestion: May cause discomfort if swallowed.

Skin contact: Prolonged skin contact may cause redness and irritation.

Eye Contact: May cause temporary eye irritation.

Indication of any immediate medical attention and special treatment needed

Notes for the doctor: See 'Description of First Aid Measures' at start of Section 4.

5. FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing media: Water spray, fog or mist. Foam, carbon dioxide or dry powder.

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture

Specific hazards: No unusual fire or explosion hazards noted.

Hazardous combustion products: Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Acetic acid.

Advice for firefighters

Protective actions during firefighting: Avoid breathing fire gases or vapours.

Special protective equipment for firefighters: Wear self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Provide adequate ventilation. Avoid inhalation of vapours and contact with skin and eyes. Wear personal protective equipment (See section 8).

Environmental precautions: Do not allow into watercourses. Contain spillage with sand, earth or other suitable noncombustible material.

Methods and material for containment and cleaning up: Collect and place in suitable waste disposal containers and seal securely. Clean any slippery coating that remains using a detergent / soap solution or other biodegradable cleaner.

Reference to other sections: For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

7. HANDLING AND STORAGE

- Precautions for safe handling:** Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Good personal hygiene procedures should be implemented.
- Conditions for safe storage, including any incompatibilities:** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Unspecified storage class.
- Specific end use(s):** The identified uses for this product are detailed in Section 1. Usage description is Gunnable sealant.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Protective equipment:** Protective gloves and eyewear.
- Appropriate engineering controls:** Provide adequate general and local exhaust ventilation.
- Eye/face protection:** Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.
- Hand protection:** For prolonged or repeated skin contact use suitable protective gloves. It is recommended that gloves are made of the following material: Viton rubber (fluoro rubber). Gloves suitable for up to 60 minutes use.
- Other skin and body protection:** Wear appropriate clothing to prevent repeated or prolonged skin contact.
- Hygiene measures:** No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products. Wash at the end of each work shift and before eating, smoking and using the toilet
- Respiratory protection:** If ventilation is inadequate, suitable respiratory protection must be worn. Use of ABEK mask filter during prolonged exposure advised.

9. PHYSICAL AND CHEMICAL PROPERTIES

Special hazards arising from the substance or mixture

Appearance:	Uncured -paste. Cured - rubber
Colour:	White, Clear
Odour:	Pungent
Odour threshold:	Acetic acid: 0.025 mg/m3.
pH:	Product displays acidic reaction with water.
Melting point:	Not applicable
Initial boiling point and range:	Not applicable
Flash point:	Not applicable
Evaporation rate:	Not applicable
Evaporation factor:	Not applicable
Upper/lower flammability or explosive limits:	Lower flammable/explosive limit: 4 (acetic acid) Upper flammable/explosive limit: 17 (acetic acid)
Vapour pressure:	Not applicable
Vapour density:	Not applicable
Solubility(ies):	Practically insoluble Hydrolytic decomposition occurs.
Partition coefficient:	Not applicable
Auto-ignition temperature:	>400°C
Decomposition Temperature:	Not applicable
Viscosity:	~8000 P @ 20°C
Explosive properties:	Not applicable
Explosive under the influence of a flame	No
Oxidising properties:	Not applicable
Other information:	None

10. STABILITY AND REACTIVITY

Reactivity:	There are no known reactivity hazards associated with this product.
Chemical stability:	Stable at normal ambient temperatures and when used as recommended. Moisture curing process releases: a small amount of ethanol.
Possibility of hazardous reactions:	Not known. Will not polymerise.
Conditions to avoid:	Avoid contact with the following materials: Water, moisture.
Incompatible materials. Avoid:	Reacts with water, basic substances and alcohols. Reaction causes the formation of acetic acid.
Hazardous decomposition products:	By hydrolysis: Acetic acid. Temperatures of ~ 150 C may generate: A small amount of formaldehyde, through oxidation.

11. TOXICOLOGICAL INFORMATION

Acute toxicity - oral Notes (oral LD50):	Assessed on the basis of constituents; LD50, oral, rat >2000mg/Kg. Conclusion by analogy. ATE (mixture) oral >5000mg/Kg
Acute toxicity - dermal Notes (dermal LD50):	LD50, dermal, rabbit >2009mg/Kg Conclusion by analogy.
Skin corrosion/irritation Animal data:	Not irritating (rabbit). Conclusion by analogy.
Serious eye damage/irritation:	Not irritating (rabbit). Conclusion by analogy.
Skin sensitisation:	For this endpoint no toxicological data is available for the whole product.
Germ cell mutagenicity	For this endpoint no toxicological data is available for the whole product.
Genotoxicity - in vitro:	
Carcinogenicity:	For this endpoint no toxicological data is available for the whole product.
Reproductive toxicity - fertility:	For this endpoint no toxicological data is available for the whole product.
Specific target organ toxicity - single exposure:	For this endpoint no toxicological data is available for the whole product.
Specific target organ toxicity - repeated exposure:	For this endpoint no toxicological data is available for the whole product.
Aspiration hazard:	Not relevant, due to the form of the product.
Inhalation:	No specific health hazards known.
Ingestion:	No harmful effects expected from quantities likely to be ingested by accident.
Skin contact:	Skin irritation should not occur when used as recommended.
Eye contact:	Evaluation in analogy to a tested similar product: Slight irritation possible.
Acute and chronic health hazards:	Moisture curing process releases a small amount of acetic acid which can irritate skin and mucous membranes.

12. ECOLOGICAL INFORMATION

Toxicity:	There is no data for the product.
Persistence and degradability:	This product is not expected to be readily biodegradable.
Bioaccumulative potential:	Bioaccumulation unlikely to be significant due to low water-solubility of this product.
Partition coefficient:	Not applicable.
Mobility:	The product is insoluble in water.
Results of PBT and vPvB assessment:	This product does not contain any substances classified as PBT or vPvB.
Other adverse effects:	Not known

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

General information: When handling waste, the safety precautions applying to handling of the product should be considered.

Disposal methods: Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Confirm disposal procedures with environmental engineer and local regulations.

Waste class: Recommended EWC Code 08 04 10.

14. TRANSPORT INFORMATION

General: The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

UN number: No information required.

UN proper shipping name: No information required.

Transport hazard class(es): No information required.

Packing group: No information required.

Environmentally hazardous substance/marine pollutant: No.

Special precautions for user: No information required.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: No information required.

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation: Regulation (EC) 1907/2006 REACH (as amended).
Regulation (EC) 1272/2008 CLP (as amended).

Guidance: Workplace Exposure Limits EH40.

Chemical safety assessment: No chemical safety assessment has been carried out.

15. REGULATORY INFORMATION

Revision Comments: This is first issue.

Revision Date: 11/01/2021

Revision 1

Hazard statements in full H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
EUH208 Contains 3-AMINOPROPYLTRIETHOXYSILANE. May produce an allergic reaction.