

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

Product name: Maxitek LMN Low Modulus Neutral Cure Silicone Foil (400ml)
Product Code: White - 03075, Clear - 03076, Brown - 03077, RAL7016 - 03078
Identified uses: 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)

Physical hazards: Not Classified
Health hazards: Elicitation - EUH208
Environmental hazards: Not Classified

Label elements

Hazard statements: EUH208 Contains 3-AMINOPROPYLTRIETHOXYSILANE. May produce an allergic reaction.
Supplemental label information: EUH210 Safety data sheet available on request.

Other hazards

Other Hazards Product hydrolyses, producing a small amount of ethanol (CAS no. 64-17-5). Ethanol is highly flammable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE; 1-5%
GASOIL - UNSPECIFIED
CAS number: 64742-46-7 EC number: 265-148-2

Classification
Asp. Tox. 1 - H304

3-AMINOPROPYL (METHYL) SILSESQUIOXANES; 1-5%
ETHOXY TERMINATED
CAS number: 128446-60-6

Classification
Flam. Liq. 3 - H226
Skin Irrit. 2 - H315
Eye Irrit. 2 - H319

The full text for all hazard statements is displayed in Section 16.
Composition comments: Polydimethylsiloxane with fillers, auxiliaries. alkoxy silane 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: Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

Ingestion: Rinse mouth thoroughly with water. Give plenty of water to drink. Give milk instead of water if readily available. DO NOT induce vomiting. Get medical attention immediately.

Skin contact: Wipe off excess material with cloth or paper. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

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.

Most important symptoms and effects, both acute and delayed

Inhalation: No specific symptoms known.

Ingestion: May cause discomfort if swallowed.

Skin contact: Allergic rash.

Eye Contact: May cause temporary eye irritation.

Indication of any immediate medical attention and special treatment needed

Notes for the doctor: No specific recommendations.

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: Oxides of carbon. Oxides of nitrogen. 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.

Advice for firefighters

Protective actions during firefighting: No specific firefighting precautions known.

Special protective equipment for firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Wear appropriate protective clothing. Avoid contact with eyes and skin.

Environmental precautions: Do not discharge into drains or watercourses or onto the ground.

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. Persons susceptible to allergic reactions should not handle this product. 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 1.2. 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: Use protective gloves. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. It is recommended that gloves are made of the following material: Butyl rubber. Nitrile rubber.

Hygiene measures: Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap and water if skin becomes contaminated.

Respiratory protection: No specific recommendations.

9. PHYSICAL AND CHEMICAL PROPERTIES

Special hazards arising from the substance or mixture

Appearance:	Uncured -paste. Cured - rubber.
Colour:	White, Clear, Brown, RAL7016
Odour:	Mild (or faint).
Odour threshold:	Not applicable.
pH:	pH (concentrated solution): Not applicable.
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:	Not applicable.
Vapour pressure:	Not applicable.
Vapour density:	Not applicable.
Relative density:	1.01 @ 20°C
Solubility(ies):	Insoluble in water.
Partition coefficient:	Not applicable
Auto-ignition temperature:	>400°C
Decomposition Temperature:	Not applicable
Viscosity:	5,000 - 6,000 P @ 20°C
Explosive properties:	Not applicable
Oxidising properties:	Not applicable

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 excessive heat for prolonged periods of time.
Incompatible materials. Avoid:	Reacts with water, acids and bases. Reaction causes the formation of ethanol.
Hazardous decomposition products:	Does not decompose when used and stored as recommended. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Temperatures of ~ 150 C may generate: A small amount of formaldehyde, through oxidation.

11. TOXICOLOGICAL INFORMATION

- Toxicological effects:** There is no data available on this product.
- Acute toxicity - oral Notes (oral LD50):** For this endpoint no toxicological data is available for the whole product.
- Acute toxicity - dermal Notes (dermal LD50):** For this endpoint no toxicological data is available for the whole product.
- Acute toxicity - inhalation Notes (inhalation LC50):** For this endpoint no toxicological data is available for the whole product.
- Skin corrosion/irritation Animal data:** For this endpoint no toxicological data is available for the whole product.
- Serious eye damage/irritation:** For this endpoint no toxicological data is available for the whole product.
- Skin sensitisation:** The product contains a small amount of a sensitising substance which may cause an allergic reaction in sensitive individuals.
- Germ cell mutagenicity Genotoxicity - in vitro:** For this endpoint no toxicological data is available for the whole product.
- 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.
- Ingestion:** May cause discomfort if swallowed.
- Skin contact:** Product may cause an allergic reaction in hypersensitive persons.
- Eye contact:** May cause temporary eye irritation.
- Acute and chronic health hazards:** Moisture curing process releases a small amount of ethanol which is irritating to mucous membranes, slightly irritating to skin and has skin drying and narcotic effects.

12. ECOLOGICAL INFORMATION

- Ecotoxicity:** In cross-linked state not soluble in water. Easily separable from water by filtration.
- 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.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

- General information:** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
- Disposal methods:** 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.