



The bonding power

SAFETY DATA SHEET

Code No: 1534/15237

1. IDENTIFICATION OF THE MATERIALS AND SUPPLIER

Product name: HYBRID SEALANT & ADHESIVE

Recommended use: Non solvent sealant and adhesive for exterior and interior use.

Supplier: Moggens NZ Limited

Street address : 31 Agapanthus Place, Flat Bush,
Auckland, New Zealand

Telephone number: 0800433790

Email: info.nz@moggens-international.com

Website: www.staerk.co

2. HAZARDS IDENTIFICATIONS

Not classified as a Dangerous Good under NZS 5433:2007 Transport of Dangerous Goods on Land.

Based on available information, not classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001.

3. COMPOSITION / INFORMATION ON INGREDIENTS

components	CAS number	proportion
Polydimethyl Siloxane	63148-62-9	65%
Amorphous Silica	112945-52-5	25%
Trimethoxy(methyl)silane	1185-55-3	5%
Organotin Catalysts	-----	5%

4. FIRST AID MEASURES

In case of poisoning, contact the National Poison Centre (New Zealand 0800 POISON or 0800 764 766).

Inhalation: Remove victim from exposure. Remove contaminated clothing and protection equipment. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin Contact: Wipe excess material from skin with a clean rag or paper towel. Remove contaminated clothing and wash skin with running water. If irritation occurs seek medical advice.

Eye Contact: If in eyes, wash out immediately with water. In all cases of eye

contamination it is a sensible precaution to seek medical advice.

Ingestion: Rinse mouth with plenty of water. If swallowed, give a glass of water to drink. If vomiting occurs give further water. Seek medical advice.

Medical attention and special treatment: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Not combustible. If material is involved in a fire use: fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).

Hazards from combustion: It is non-flammable material, but if dry can burn and produce toxic fumes.

Precautions for fire fighters and protective equipment: Fire fighters to wear self-contained breathing apparatus and protective clothing if risk of exposure to vapor or products of combustion and fire.

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures and protective clothing: Wear protective equipment to prevent skin and eye contamination. If contacted directly with skin wash with soap and water for 5 min. Advise local emergency services if contamination of sewers or waterways has occurred.

Clean up advice in case of spills:

Smaller spills – Wipe the product from the surface with cloth or towel, let it dry and dispose in normal garbage. For residual material you can use: mineral turpentine or similar hydrocarbon solvent, or acetone based products.

Larger spills - Contain spill and prevent it to run off into drains and waterways. Scrape up and use absorbent. The cured material you can remove it mechanically. Collected and preferably dried product can put and sealed in properly labeled containers or drums for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling: Avoid eye contact and skin contact. It is highly recommended to use personal protective equipment.

Conditions for safe storage: Store in cool, dry ventilated place and out of direct sunlight. Protect from freezing and physical damage(check for leaks). Maintain a constant temperature not to exceed 27°C.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure limits:

Trimethoxy(methyl)silane: WES-TWA: 8ppm

WES-STEL: 13ppm

Engineering control:

Use adequate exhaust ventilation to keep airborne concentrations below the allowable exposure limits.

Individual protection equipment / measurements:

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles. Skin: Wear appropriate protective gloves. Respiratory system: Approved or certified respirators.

Other Protective Equipment and measurements: overalls, safety boots, always wash your hands after use, wash regularly protective equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Paste

Odor: odorless

Explosive properties: No

Specific Gravity: 0.99g/cm³

Oxidizing properties: No

Solubility in water: Non soluble

10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal temperatures and pressures.

Conditions to avoid: Incompatible materials(Oxidizing agents), high temperatures.

Hazardous decomposition products: If this product is heated to > 150 degree C, traces quantities of formaldehyde may be released, and adequate ventilation is required.

Hazardous polymerization: Product will not undergo hazardous polymerization under normal temperatures and pressures.

11. TOXICOLOGICAL INFORMATION

Chronic effects on human: No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled

Ingestion: Small amounts transferred to the mouth by fingers during use should not injure. Swallowing large amounts may cause digestive discomfort.

Eye contact: Vapors released during curing may cause eye irritation.

Skin contact: Repeated or prolonged skin contact may lead to irritation.

Inhalation: Vapors released during curing may cause respiratory track irritation.

Carcinogenicity: Not listed as a suspected or confirmed carcinogen by ACGIH, IARC, NTP, OSHA.

Mutagenicity: N/A

Reproductive toxicity: N/A

Teratogenicity: N/A

12. ECOLOGICAL INFORMATION

Ecotoxicity: Not classified as Ecotoxic under HSNO.

Persistence and degradability: The product is not biodegradable.

Mobility: Non soluble in water.

13. DISPOSABLE CONSIDERATIONS

Disposal method of substance and container: Dispose of in an authorized landfill. Recycle or reuse the container if possible, or dispose of in an authorized landfill. For more specifics consult your local Waste Management Authority.

Precautions and legislation for procedure: Do not dispose of down drains or into local waterways. Dispose of contents/container in accordance with local/regional/national/international regulations.

14. TRANSPORT INFORMATIONS

Land Transport: Not classified as Dangerous Goods by the criteria of NZS 5433:1999 Transport of Dangerous Goods on Land for transport by road or rail.

Marine Transport: Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport: Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATIONS

HSNO approval number: Not applicable

Group standard name: Not applicable

Conditions on group standard: Not applicable

16. OTHER INFORMATIONS

Date of preparation:

MSDS-STAEK HYBRID SEALANT AND ADHESIVE
January 23, 2018

No: 1532/15232

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23 January 2018.

SDS revisions:

Safety Data Sheets are updated at least every 5 years.

This SDS summaries to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Moggens NZ Limited cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

Key / legend:

SDS

Safety Data Sheet Hazardous Substances and New Organisms Act 1996.

HSNO WES-TWA

The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure.

WES-STEL

The 15 minute average exposure standard. This applies to any 15 minute period in a working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES- STEL is not an alternative to WES-TWA; both the short-term and time-weighted average exposures apply.

Disclaimer:

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

MOGGENS NZ LTD
PH:0800433790

WWW.STAERK.CO
EMAIL:INFO.NZ@MOGGENS-INTERNATIONAL.COM

