

HYDRO SEALING TECHNOLOGY SDN BHD (426172-P)

(Sales Tax ID No : J31-1808-21018370)

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HYDRO
House of Seals

Material Safety Data Sheet

VMQ 70

1. SUBSTANCE /PREPARATION AND COMPANY IDENTIFICATION

Product Name: Silicone Compound / S7000AB

MSDS NO.: S0001

Chemical Name: Silicone Rubber Compound

2. COMPOSITION / INFORMATION ON INGREDIENTS

Single or mixture : Mixture

Chemical identification: Organopolysiloxane mixture (CAS number: 9003-18-3)

Amorphous,Precipitated silica (CAS number:7631-86-9)

Crystalline,Diatomaceous earth silica(CAS number: 14808-60-7,14464-46-1)

Hazardous Component:

(see section 8 of this MSDS for exposure guideline)

(see section 11 of this MSDS for Carcinogenicity)

3. HAZARDS IDENTIFICATION

Hazards classification : None (based on IMO)

Fire and explosion : No flammable and explosive hazard

Potential health effect :

Skin contact : No significant effect.

Ingestion:No information is available.

4. FIRST AID MEASURES

Inhalation: Not applicable

Skin contact: Wipe off with cloth or paper, and wash exposed area with soap.

Eye contact: Immediately flush with water. Obtain immediate medical attention.

Ingestion: Wash out mouth with water provided person is conscious.Never give anything by mouth to an unconscious person. Call a physician immediately.

5. FIRE FIGHTING MEASURES

Extinguishing Media

Water, Foam, Dry Chemical, CO₂

Flash point(method used):Not applicable

Flammable limits: Not applicable

Special fire fighting procedure: Not required

Unusual fire and explosion hazard: None

6. ACCIDENTAL RELEASE MEASURES

Step to be taken in case material is released or spilled: Collect spilled materials and place on a container.

7. HANDLING AND STORAGE

Precaution to be taken in handling and storing:

Keep container closed when not in use.

Store in a cool place.

Keep away from heat and flame.

Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure guidelines:

Acgih TLV-TWA: 0.05mg/m³,(Respirable dust)

OSHA PEL :8H TWA 10 mg/m³/%SiO₂+2

(Respirable dust)[Crystalline silica]

Respirable protection (specify type):

See section 11 of this MSDS for other information

Ventilation:

Local exhaust :see section 11 of this MSDS for other information.

Mechanical (general) : see section 11 of this MSDS for other information.

Special : Unknown.

Other : Unknown.

Protective gloves:Plastic film.

Eye protection : Not required.

Other protective clothing or equipment : Not required

Work/Hygienic Practices:

Wash hands after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Data:

Boiling Point:	Not applicable
Vapor pressure:	Not applicable
Vapor density(air=1) :	Not applicable
Melt point:	Not applicable
Evaporation Rate:	Not applicable(Butyl Acetate=1)
Solubility in Water:	Not solute
Odor:	Odorless
Color:	Rust color
Appearance:	Solid
Special Gravity:	1.30 – 1.40

10. STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions to avoid: None

Incompatibility (material to avoid):None

Hazardous decomposition or by-products: None

Hazardous polymerization : Will not occur

Condition to avoid : None

11. TOXICOLOGICAL INFORMATION

Skin Irritation : Not Applicable

Eye Irritation : Not Applicable

Acute Toxicity (LD50) : Not applicable

Chronic toxicity : No information is available.

Carcinogenicity : NTP:Not listed, IARC :Not listed, OSHA REGULATED:Not listed

This product contains crystalline silica which is considered a hazard by inhalation with dust and classified as an agent which is carcinogenic to humans by IARC and may reasonably be anticipated to be carcinogen by NTP. But we consider that this product does not fall under Group 1 in IARC and carcinogen in NTP because it does not generate the dust under normal handling condition.

OTHER INFORMATION:

This product can generate formaldehyde at approximately 150 degrees C(300°F) and above in the presence of air.

Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant and potential cancer hazard. So, use adequate ventilation or wear protective equipment such as gloves, goggles or protective clothing when this product is heated at approximately 150 degrees C(300°F) and above in the presence of air.

12. ECOLOGICAL INFORMATION

BIODEGRADATION:

Not applicable.

BIOACCUMULATION:

Not applicable.

AQUATIC TOXICITY:

Not applicable.

OTHER INFORMATION:

None

13. DISPOSAL CONSIDERATIONS

Can be land-filled or burned in a chemical incinerator equipped with an afterburner and scrubber.

Observe all federal, state, and local laws.

14. TRANSPORTATION INFORMATION

UN NO. :

None

IMO CLASSIFICATION AND CLASS:

None

PACKAGING GROUP:

None

PROPER SHIPPING NAME:

None

TECHNICAL SHIPPING NAME:

None

MARINE POLLUTANT:

None

DOT REPORTABLE QUANTITY (RQ) :

HAZARD SUBSTANCE (S) NAME / (CAS NO.), CONTENTS AND RQ

Not applicable

15. REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS:

Listed on the TSCA Inventory.

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III SECTION 313 SUPPLIER NOTIFICATION:

This regulation requires submission of annual reports of toxic chemical (s) that appear in section 313 of the emergency planning and community Right-To-Know Act of 1986 and 40 CFR 372.

This information must be included in all MSDS's that are copied and distributed for the material.

The toxic chemical (s) contained in this product are:

CHEMICAL NAME / (CAS No.) AND CONTENTS

** None **

CALIFORNIA PROPOSITION 65 :

This regulation requires a warning for California Proposition 65 Chemical (s) under the statute.

The California Proposition 65 Chemical (s) contained in this product are :

CHEMICAL NAME / (CAS No.) AND CONTENTS

** None **

We consider that crystalline silica contained in this product does not fall under these chemicals because it does not generate the dust under normal handling condition.

16.OTHER INFORMATION

For Industrial Use Only

Do not inhale exhaust gas at curing.

This materials safety data sheet is offered solely for your information, consideration and investigation. The data described in this MSDS consist of data on literature, our acquisitional data and analogical inference by data of similar chemical substance or product. Shin-Etsu Chemical Co., Ltd. Provides no warranties, either express or implied, and assumes no responsibility for the accuracy or completeness of the data contained herein.

-END OF MSDS-

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-END OF MSDS-