

## DOW CORNING(R) 732 MULTI -PURPOSE SEALANT CLEAR

### 1. Chemical Product and Company Identification

#### 1.1 Product Details

**Product Name:** DOW CORNING(R) 732 MULTI -PURPOSE SEALANT CLEAR  
**Other Name:** None  
**Chemical Family:** Silicone elastomer  
**Manufacturer's Product Code:** 01890573  
**Use:** Sealant and adhesive

#### 1.2 Company Details

**Manufacturer/Supplier:**  
**Address:**  
**Telephone Number:**  
**Emergency Telephone Number:** 00-1-989-496-5900  
**Contact Person:** Country Manager

### 2. Composition and Information on Hazardous Ingredients

<u>Chemical Name</u>	<u>CAS No.</u>	<u>% (w/w)</u>	<u>Symbols &amp; Health Risk Phrases</u>
Ethyltriacetoxysilane	17689-77-9	<10	Xn Harmful. C Corrosive. R14 Reacts violently with water. R22 Harmful if swallowed. R34 Causes burns.
Methyltriacetoxysilane	4253-34-3	<10	Xn Harmful. C Corrosive. R14 Reacts violently with water. R22 Harmful if swallowed. R34 Causes burns.

### 3. Physical and Chemical Properties

**3.1 Physical Form:** Paste  
**3.2 Colour:** Colorless  
**3.3 Odour:** Acetic acid odor  
**3.4 Solubility in Water:** Not determined.  
**3.5 Boiling Point:** Not determined.  
**3.6 Melting Point:** Not determined.  
**3.7 Vapor Pressure @ 25°C:** Not determined.  
**3.8 Percent Volatiles:** Not determined.  
**3.9 Evaporation Rate:** Not determined.

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3.10	Vapour Density (air=1):	Not determined.
3.11	Specific Gravity:	1.04
3.12	Flash Point:	Not applicable.
3.13	Autoignition Temperature:	Not determined.
3.14	Upper Flammability Limit:	Not determined.
3.15	Lower Flammability Limit:	Not determined.

The above information is not intended for use in preparing product specifications. Contact Dow Corning before writing specifications.

### 4. Hazard Identification

Most Important Hazards: Not hazardous.

### 5. First Aid Measures

5.1	Ingestion:	Get medical attention.
5.2	Eye:	Immediately flush with water for 15 minutes. Get medical attention.
5.3	Skin:	Remove from skin and wash thoroughly with soap and water or waterless cleanser. Get medical attention if irritation or other ill effects develop or persist.
5.4	Inhalation:	No first aid should be needed.
5.5	Comments:	Treat according to person's condition and specifics of exposure.
5.6	Note to physicians:	Treat symptomatically. For further information, the medical practitioner should contact Dow Corning Singapore Pte Ltd - Malaysia Representative Office.

### 6. Fire Fighting Measures

6.1	Extinguishing Media:	On large fires use dry chemical or foam. On small fires use CO2 or dry chemical. Water can be used to cool fire exposed containers.
6.2	Unsuitable Extinguishing Media:	Water. Do not allow extinguishing medium to contact container contents.
6.3	Unusual Fire Hazards:	None.
6.4	Special Firefighting Procedures:	Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool. Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals.
6.5	Other Recommendations:	None.
6.6	Hazardous Combustion Products:	Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde.

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### 7. Accidental Release Measure

- 7.1 Personal Precautions:** Avoid skin and eye contact. Do not take internally.
- 7.2 Environmental Precautions:** Do not allow large quantities to enter drains or surface waters.
- 7.3 Methods for Cleaning up:** Observe all personal protective equipment recommendations described in this MSDS. If diked material can be pumped, store recovered material in appropriate container. Wipe up or scrape up and contain for salvage or disposal. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. Laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which laws and regulations are applicable.

### 8. Handling and Storage

- 8.1 Handling Precautions:** Use with adequate ventilation. Product evolves acetic acid (HOAc) when exposed to water or humid air. Provide ventilation during use to control HOAc exposures within exposure guidelines or use respiratory protection. Avoid skin and eye contact. Do not take internally. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.
- 8.2 Storage Conditions:** Use reasonable care and store away from oxidizing materials. Keep container closed and store away from water or moisture.
- 8.3 Unsuitable Packaging Materials:** None established.

### 9. Exposure Control / Personal Protection

#### 9.1 Exposure Limits

<u>Ingredients</u>	<u>CAS No.</u>	<u>Exposure Limits</u>
Ethyltriacetoxysilane	17689-77-9	See acetic acid comments.
Methyltriacetoxysilane	4253-34-3	See acetic acid comments.

Acetic acid is formed upon contact with water or humid air. Provide adequate ventilation to control exposures within guidelines of OSHA PEL: TWA 10 ppm and ACGIH TLV: TWA 10 ppm, STEL 15 ppm.

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### 9.2 Engineering Controls

**Local Ventilation:** None should be needed.

**General Ventilation:** Recommended.

### 9.3 Personal Protective Equipment for Routine Handling

**Respiratory protection:** No respiratory protection should be needed.

**Suitable Respirator:** None should be needed.

**Eye:** Use chemical worker's goggles.

**Hand:** Chemical protective gloves should be worn.

**Skin:** Wash at mealtime and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Chemical protective gloves are recommended.

**Personal Hygiene:** Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

### 9.4 Personal Protective Equipment for Spills

**Respiratory protection:** No respiratory protection should be needed.

**Eye protection:** Use chemical worker's goggles.

**Skin protection:** Wash at mealtime and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Chemical protective gloves are recommended.

**Precautionary Measures:** Avoid skin and eye contact. Do not take internally. Use reasonable care.

**Comments:** Product evolves acetic acid (HOAc) when exposed to water or humid air. Provide ventilation during use to control HOAc exposures within exposure guidelines or use respiratory protection.

**Note:** These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

## 10. Stability and Reactivity

**10.1 Stability:** Stable.

**10.2 Conditions to avoid:** None.

**10.3 Materials to avoid:** Can react with strong oxidising agents. Water, moisture or humid air can cause hazardous vapors to form.

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10.4	<b>Hazardous Decomposition Products:</b>	Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde.
10.5	<b>Hazardous Polymerization :</b>	Hazardous polymerization will not occur.

### 11. Toxicological Information

#### 11.1 Possible Health Effects

##### Acute

<b>Skin:</b>	May cause moderate irritation.
<b>Eye:</b>	Direct contact may cause moderate irritation.
<b>Inhalation:</b>	Irritates respiratory passages very slightly.
<b>Ingestion:</b>	Low ingestion hazard in normal use.

##### Chronic

<b>Skin:</b>	No known applicable information.
<b>Inhalation:</b>	No known applicable information.
<b>Ingestion:</b>	Repeated ingestion or swallowing large amounts may injure internally.

**Other Health Hazard Information:** No known applicable information.

11.2	<b>LD50 (Oral):</b>	Not determined.
	<b>LD50 (Dermal):</b>	Not determined.
	<b>LC50 (Inhalation):</b>	Not determined.

The above listed potential effects of overexposure are based on actual data, the results of studies performed upon similar compositions, component data, and/or expert review of the products.

### 12. Ecological Information

#### 12.1 Environmental Fate and Distribution

Solid material, insoluble in water. No adverse effects are predicted.

#### 12.2 Environmental Effects

No adverse effects on aquatic organisms are predicted.

**Bioaccumulation:** No bioaccumulation potential.

#### 12.3 Fate and Effects in Waste Water Treatment Plants

No adverse effects on bacteria are predicted.

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### 13. Disposal Information

- 13.1 **Product Disposal:** Dispose of in accordance with local regulations.
- 13.2 **Packaging Disposal:** Dispose of in accordance with local regulations.

### 14. Transportation Information

- 14.1 **Road and Rail Transport**  
 Not applicable.
- 14.2 **Sea transport (IMDG)**  
 Not subject to IMDG code.
- 14.3 **Air Transport (IATA-DGR)**  
 Not subject to IATA regulations.

### 15. Regulatory Information

- 15.1 **Classification and Labelling**
- Proposed Classification:** Not hazardous.
- Risk Phrases:** Not hazardous.
- Safety Phrases:** S24/25 Avoid contact with skin and eyes.  
 S51 Use only in well-ventilated areas.
- 15.2 **Applicable Laws** Occupational Safety and Health (Classification, Packaging and Labelling of Hazardous Chemicals) Regulations 1997
- 15.3 **Chemical Inventories**
- EINECS:** All ingredients listed or exempt.  
**TSCA:** All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.  
**AICS:** All ingredients listed or exempt.  
**IECSC:** All ingredients listed or exempt.  
**MITI:** All components are listed on ENCS or its exempt rule.  
**KECL:** All ingredients listed, exempt or notified.  
**PICCS:** All ingredients listed or exempt.  
**DSL:** All chemical substances in this material are included on or exempted from the DSL.  
**HSNO:** All ingredients listed or exempt.

**DOW CORNING(R) 732 MULTI -PURPOSE SEALANT CLEAR****16. Other Information****Contact Point:****Prepared by:**

Dow Corning Singapore Pte Ltd - Malaysia Representative Office

This information is offered in good faith as typical values and not as a product specification. No warranty, expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

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