

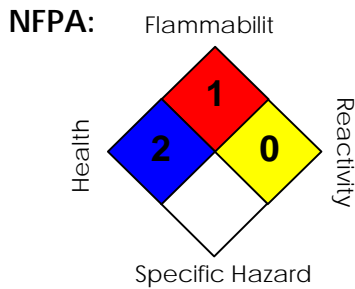
## Material Safety Data Sheet

**RTV SILICONE ALUMINUM 8 OZ**

Version 1.2

Revision Date 05/16/2007

Print Date 02/10/2010

**HMIS III:**

<b>HEALTH</b>	<b>3</b>
<b>FLAMMABILITY</b>	<b>1</b>
<b>PHYSICAL</b>	<b>0</b>

0 = Insignificant, 1 = Slight, 2 = Moderate,  
3 = High, 4 = Extreme

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : RTV SILICONE ALUMINUM 8 OZ  
Product Number : 08909106,  
MSDS Number : 888100003787

Product Use Description : Sealant

Company : WURTH USA Inc.  
93 Grant Street  
Ramsey, NJ 07446 US

Telephone : 1-800-987-8487 8:00am to 8:00pm EST  
Telefax : 1-201-818-4788  
Emergency telephone : 1-800-255-3924

**SECTION 2. HAZARDS IDENTIFICATION****Emergency Overview**

**Regulatory status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Signal Word** : WARNING  
Form : paste  
Odour : vinegar-like  
Odour - Control parameters : no data available  
Hazard Summary : Irritant

**Potential Health Effects**

Eyes : Causes eye irritation.

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Skin : Causes skin irritation.

Target Organs : Skin  
Eyes

## Carcinogenicity:

ACGIH : No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP : No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

IARC : No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA : No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

CA Prop 65 : This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Component	CAS-No.	Weight %
Siloxanes and Silicones, di-Me, hydroxy-terminated	70131-67-8	<= 100
Silicon dioxide	7631-86-9	>= 12.5 - < 15
Distillates (petroleum), hydrotreated middle; Gasoil - unspecified	64742-46-7	>= 7 - < 10
Methylsilanetriyl triacetate	4253-34-3	>= 5 - < 7

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**SECTION 4. FIRST AID MEASURES**

- General advice : Remove from exposure, lie down. In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Never give anything by mouth to an unconscious person. Take off all contaminated clothing immediately.
- Inhalation : Remove to fresh air. Keep patient warm and at rest. If symptoms persist, call a physician. If breathing is irregular or stopped, administer artificial respiration.
- Skin contact : Wash off immediately with soap and plenty of water. Do NOT use solvents or thinners.
- Eye contact : Remove contact lenses. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Ingestion : If swallowed, seek medical advice immediately and show this container or label. If a person vomits when lying on his back, place him in the recovery position. Do NOT induce vomiting.

**SECTION 5. FIRE-FIGHTING MEASURES**

- Form : paste
- Flash point : > 100 °C (> 212 °F)
- Lower explosion limit : Note: no data available
- Upper explosion limit : Note: no data available
- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Extinguishing media which shall not be used for safety reasons : High volume water jet
- Specific hazards during fire fighting : Fire will produce dense black smoke containing hazardous combustion products (see heading 10). Do not use a solid water stream as it may scatter and spread fire.
- Special protective equipment for fire-fighters : Wear self-contained breathing apparatus and protective suit.

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Further information : Standard procedure for chemical fires.  
Exposure to decomposition products may be a hazard to health.  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Use water spray to cool unopened containers.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions : Refer to protective measures listed in sections 7 and 8.  
Ventilate the area.  
Avoid inhalation of vapour or mist.

Environmental precautions : Should not be released into the environment.  
Avoid subsoil penetration.  
If the product contaminates rivers and lakes or drains inform respective authorities.

Methods for cleaning up : Use mechanical handling equipment.  
Keep in suitable, closed containers for disposal.  
Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.

**SECTION 7. HANDLING AND STORAGE****Handling**

Handling : Avoid contact with skin and eyes.  
Do not breathe vapours or spray mist.  
For personal protection see section 8.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Dust explosion class : not applicable

**Storage**

Requirements for storage : Keep containers tightly closed in a dry, cool and well-

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- areas and containers : ventilated place.  
Store in original container.
- Further information on storage conditions : Avoid moisture.
- Advice on common storage : Keep away from oxidising agents and strongly acid or alkaline materials.  
Keep away from food, drink and animal feedingstuffs.
- Other data : No decomposition if stored and applied as directed.

**SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Exposure Guidelines**

Components	CAS-No.	List	Type:	Value
Silicon dioxide	7631-86-9	NIOSH	REL	6 mg/m3
		OSHA Z1A	TWA	6 mg/m3

- Engineering measures : Provide adequate ventilation.
- Eye protection : Tightly fitting safety goggles
- Hand protection : Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work.  
For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer.
- Skin and body protection : impervious clothing
- Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.
- Hygiene measures : When using do not eat, drink or smoke.  
Avoid contact with skin, eyes and clothing.  
Wash hands before breaks and at the end of workday.  
Wash contaminated clothing before re-use.

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Form	: paste
Odour	: vinegar-like
Flash point	: > 100 °C (> 212 °F)
Thermal decomposition	: Heating can release hazardous gases.
Lower explosion limit	: no data available
Upper explosion limit	: no data available
pH	: no data available
Melting point/range	: not applicable
Boiling point/boilingrange	: no data available
Vapour pressure	: no data available
Water solubility	: negligible
Volatile organic compounds (VOC) content	: 0 %

**SECTION 10. STABILITY AND REACTIVITY**

Conditions to avoid	: Exposure to moisture.
Materials to avoid	: Strong acids and strong bases Oxidizing agents
Hazardous decomposition products	: Carbon dioxide (CO <sub>2</sub> ), carbon monoxide (CO), oxides of nitrogen (NO <sub>x</sub> ), dense black smoke. Organic acids Hydrocarbons
Thermal decomposition	: Heating can release hazardous gases.
Hazardous reactions	: Hazardous polymerisation does not occur. Note: Stable under recommended storage conditions.

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**SECTION 11. TOXICOLOGICAL INFORMATION**

- Skin irritation : Result: Severe skin irritation  
Prolonged skin contact may cause skin irritation and/or dermatitis.
- Eye irritation : Result: Risk of serious damage to eyes.  
The liquid splashed in the eyes may cause irritation and reversible damage.  
Strong lachrymation can make it difficult to escape
- Carcinogenicity : No data is available on the product itself.  
Toxicity to reproduction : No data is available on the product itself.  
Teratogenicity : No data is available on the product itself.  
Further information : Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.  
Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.  
Liver and kidney injuries may occur.  
Inhalation of vapours in high concentration may cause irritation of respiratory system.

**Component:**

- Siloxanes and Silicones, di-Me, hydroxy-terminated 70131-67-8  
Skin irritation: Classification: Irritating to skin.  
Result: Skin irritation  
Eye irritation: Classification: Irritating to eyes.  
Result: Eye irritation
- Distillates (petroleum), hydrotreated middle: Gasoil - unspecified 64742-46-7  
Acute oral toxicity: LD50 rat  
Dose: > 5,000 mg/kg  
Acute dermal toxicity: LD50 rabbit  
Dose: > 2,000 mg/kg  
Acute inhalation toxicity: LC50 rat  
Dose: 7.64 mg/l  
Exposure time: 4 h  
Skin irritation: Classification: Irritating to skin.  
Result: Skin irritation  
Eye irritation: Classification: Irritating to eyes.  
Result: Mild eye irritation
- Methylsilanetriyl triacetate 4253-34-3  
Acute oral toxicity: no data available  
Skin irritation: Classification: Causes burns.

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Result: Extremely corrosive and destructive to tissue.

Eye irritation: Classification: Causes burns.  
Result: Blindness**SECTION 12. ECOLOGICAL INFORMATION**

Adsorbed organic bound : not included  
halogens (AOX)  
Volatile organic : 0 %  
compounds (VOC)  
content  
Additional ecological : The product should not be allowed to enter drains, water  
information courses or the soil.

**SECTION 13. DISPOSAL CONSIDERATIONS**

Adequate disposal : In accordance with local and national regulations.

**SECTION 14. TRANSPORT INFORMATION****DOT 49 CFR**

Not dangerous goods

**TDGR**

Not dangerous goods

**ICAO / IATA-DGR**

Not dangerous goods

**IMDG-Code**

Not dangerous goods

**SECTION 15. REGULATORY INFORMATION**OSHA Hazards : Severe skin irritant  
Severe eye irritant



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**TSCA Status** : On TSCA Inventory

**DSL Status** : All components of this product are on the Canadian DSL list.

**SARA 311/312 Hazards** : Acute Health Hazard

**SARA III** US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA III** US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR355, Appendix A)

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**PENN RTK** US. Pennsylvania Worker and Community Right-to-Know Law (34 Pa. Code Chap. 301-323)

<u>Components</u>	<u>CAS-No.</u>
Triacetoxylethylsilane	17689-77-9
Methylsilanetriyl triacetate	4253-34-3
Distillates (petroleum), hydrotreated middle; Gasoil - unspecified	64742-46-7
Silicon dioxide	7631-86-9
Siloxanes and Silicones, di-Me, hydroxy-terminated	70131-67-8

**MASS RTK** US. Massachusetts Commonwealth's Right-to-Know Law (Appendix A to 105 Code of Massachusetts Regulations Section 670.000)

<u>Components</u>	<u>CAS-No.</u>
Silicon dioxide	7631-86-9

**NJ RTK** US. New Jersey Worker and Community Right-to-Know Act (New Jersey Statute Annotated Section 34:5A-5)

<u>Components</u>	<u>CAS-No.</u>
Triacetoxylethylsilane	17689-77-9
Methylsilanetriyl triacetate	4253-34-3
Distillates (petroleum), hydrotreated middle; Gasoil - unspecified	64742-46-7

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Silicon dioxide	7631-86-9
Siloxanes and Silicones, di-Me, hydroxy-terminated	70131-67-8

**California Prop. 65** : This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

**SECTION 16. OTHER INFORMATION****Further information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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Revision Date : 05/16/2007