



Material Safety Data Sheet

Document Code: AllPurpose-RTV/WL
Version: 11

Date of Preparation
August 11, 2011

Section 1 - Product and Company Identification

PRODUCT NAME, NUMBERS, & COLORS
All Purpose RTV Silicone Sealant

HMIS CODES
Health 2
Flammability 0
Reactivity 0

WL099110C WL099111C Clear
WL099111B Black
WL099112W White

MANUFACTURER'S NAME
THE SHERWIN-WILLIAMS CO.
Consumer Group - Industrial
Cleveland, OH 44115

TELEPHONE NUMBERS and WEBSITES

Regulatory Information

(216) 566-2902 www.paintdocs.com

Medical Emergency

(216) 566-2917

Transportation Emergency for Chemical Emergency ONLY (spill, leak, exposure, fire, or accident)
(800) 424-9300

Section 2 - Composition/Information on Ingredients

% WT.	CAS No.	Ingredient Name
1-5	17689-77-9	Ethyl Triacetoxysilane ACGIH TLV Not Established OSHA PEL Not Established
1-5	4253-34-3	Methyl Triacetoxysilane ACGIH TLV Not Established OSHA PEL Not Established
5-10	7631-86-9	Amorphous Silica. ACGIH TLV TWA 10 mg/m3 as Dust OSHA PEL TWA 6 mg/m3 as Dust
<5	13463-67-7	Titanium Dioxide [in White only] ACGIH TLV TWA 10 mg/m3 as Dust OSHA PEL TWA 10 mg/m3 as Total Dust OSHA PEL TWA 5 mg/m3 as Respirable Fraction
<2	1333-86-4	Carbon Black [in Black only] ACGIH TLV TWA 3.5 mg/m3 OSHA PEL TWA 3.5 mg/m3

NOTE: These products may evolve trace quantities of Acetic Acid during curing.
Exposure limits for Acetic Acid are:

max. 5	64-19-7	Acetic Acid ACGIH TLV TWA 10 ppm ACGIH TLV STEL 15 ppm OSHA PEL TWA 10 ppm
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Section 3 – Hazards Identification

ROUTES OF EXPOSURE

INHALATION of vapor or spray mist.

EYE or SKIN contact with the product, vapor or spray mist.

EFFECTS OF OVEREXPOSURE

EYES: Irritation.

SKIN: Prolonged or repeated exposure may cause irritation.

INHALATION: Irritation of the upper respiratory system.

In a confined area vapors in high concentration may cause headache, nausea or dizziness.

EFFECTS OF OVEREXPOSURE

Irritation of eyes, skin and upper respiratory system. In a confined area vapors in high concentration may cause headache, nausea or dizziness.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None known.

CANCER INFORMATION

FOR COMPLETE DISCUSSION OF TOXICOLOGY DATA REFER TO SECTION 11.

Section 4 – First Aid Measures

EYES: Flush eyes with large amounts of water for 15 minutes.
Get medical attention.

SKIN: Wash affected area thoroughly with soap and water.
Remove contaminated clothing and launder before re-use.

INHALATION: If affected, remove from exposure. Restore breathing.
Keep warm and quiet.

INGESTION: Do not induce vomiting.
Get medical attention immediately.

Section 5 – Fire Fighting Measures

FLASH POINT

>200 °F

LEL

N.Ap.

UEL

N.Ap.

FLAMMABILITY CLASSIFICATION

Not Applicable

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical

UNUSUAL FIRE AND EXPLOSION HAZARDS

None known.

SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 – Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Ventilate and remove with inert absorbent.

Section 7 – Handling and Storage

DOL STORAGE CATEGORY

Not Applicable

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep container closed when not in use. Store product away from water or moisture. Do not transfer to other containers. Do not take internally. Keep out of the reach of children.

Section 8 – Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wash hands after using.

These products may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m³ (total dust), 3 mg/m³ (respirable fraction), OSHA PEL 15 mg/m³ (total dust), 5 mg/m³ (respirable fraction).

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES

Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

Section 9 – Physical and Chemical Properties

PRODUCT WEIGHT	8 lbs/gal	EVAPORATION RATE	Slower than Ether
SPECIFIC GRAVITY	0.96	VAPOR DENSITY	Heavier than Air
BOILING POINT	N.Ap.	MELTING POINT	N.Av.
VISCOSITY	350,000 cps	SOLUBILITY IN WATER	N.Av.
VOLATILE ORGANICS COMPOUNDS (VOC)			3.0 % by weight

Section 10 – Stability and Reactivity

STABILITY Stable

CONDITIONS TO AVOID -- None known.

INCOMPATIBILITY -- None known.

HAZARDOUS DECOMPOSITION PRODUCTS -- By fire: Carbon Dioxide, Carbon Monoxide, Oxides of Nitrogen, Possibility of Hydrogen Chloride

HAZARDOUS POLYMERIZATION -- Will not occur

Section 11 – Toxicological Information

CHRONIC HEALTH HAZARDS

Carbon Black is classified by IARC as possibly carcinogenic to humans (group 2B) based on experimental animal data, however, there is insufficient evidence in humans for its carcinogenicity.

IARC's Monograph No. 93 reports there is sufficient evidence of carcinogenicity in experimental rats exposed to titanium dioxide but inadequate evidence for carcinogenicity in humans and has assigned a Group 2B rating. In addition, the IARC summary concludes, "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium is bound to other materials, such as paint."

TOXICOLOGY DATA

CAS No.	Ingredient Name			
17689-77-9	Ethyl Triacetoxysilane	LC50	RAT	4HR Not Available
		LD50	RAT	Not Available
4253-34-3	Methyl Triacetoxysilane	LC50	RAT	4HR Not Available
		LD50	RAT	Not Available
7631-86-9	Amorphous Silica.	LC50	RAT	4HR Not Available
		LD50	RAT	Not Available
13463-67-7	Titanium Dioxide.	LC50	RAT	4HR Not Available
		LD50	RAT	>7500 mg/kg
1333-86-4	Carbon Black	LC50	RAT	4HR Not Available
		LD50	RAT	>15400 mg/kg
64-19-7	Acetic Acid	LC50	RAT	4HR Not Available
		LD50	RAT	3310 mg/kg

Section 12 – Ecological Information

ECOTOXICOLOGICAL INFORMATION

No Data Available.

Section 13 – Disposal Considerations

WASTE DISPOSAL METHOD

Waste from these products is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

Section 14 – Transport Information

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

US Ground (DOT)

Not Regulated for Transportation.

Canada (TDG)

Not Regulated for Transportation.

IMO

Not Regulated for Transportation.

Section 15 – Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

No ingredients in these products are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

TSCA CERTIFICATION

All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 – Other Information

NOTE: These products have been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the products. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.