

# Material Safety Data Sheet

0706, 0806 Speed Demon II Silicone Sealant – White & Clear

MSDS No. 0066 Rev. 1

Emergency Phone No.  
(918)825-5744

## SECTION 1 – PRODUCT NAME & MANUFACTURER INFORMATION

PRODUCT NAME	Speed Demon II Silicone Sealant – White & Clear – Non-Spec		
MANUFACTURER'S NAME & TELEPHONE NUMBER	Red Devil, Inc.	918-825-5744	
STREET ADDRESS	4175 Webb Street		
CITY / STATE / ZIP	Pryor, Oklahoma 74361		

## SECTION 2 – COMPOSITION / HAZARDOUS INGREDIENTS

	%	TLV	PEL	UNITS
<b>PRODUCT CONSISTS OF:</b>				
Ethyltriacetoxysilane*** (17689-77-9)	1 to 5	10	10	ppm
Methyltriacetoxysilane *** (4253-34-3)	1 to 5	10	10	ppm
Titanium Dioxide ** (13463-67-7) (In white only)	< 2	10	15	mg/m3
Distillates, petroleum Hydrotreated middle (64742-46-7)	15 to 40	100	100	ppm
Non-hazardous ingredients*	<50	NA	NA	
*Unlisted ingredients are not considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200). **Inhalation of particulates unlikely due to products physical state. ***Observe limits for acetic acid formed during curing. Calculated VOC: < 1.5% (<40 g/L). CARB Compliance: Yes. Prop 65 Ingredients: None.				

## SECTION 3 – HAZARDS IDENTIFICATION

PRIMARY ROUTE(S) OF ENTRY	<input checked="" type="checkbox"/> Skin Contact	<input checked="" type="checkbox"/> Skin Absorption	<input checked="" type="checkbox"/> Eye Contact	<input checked="" type="checkbox"/> Inhalation	<input checked="" type="checkbox"/> Ingestion
EMERGENCY OVERVIEW	Clear or white paste. Harmful if swallowed or absorbed through skin. May cause eye & skin irritation. May cause nose, throat & respiratory tract irritation.				
EFFECTS OF OVEREXPOSURE	<u>Acute:</u> (Eye) – Direct contact may cause moderate irritation. (Skin) – May cause moderate irritation. (Inhalation) – Slight irritation to respiratory passages. (Oral) – No significant effects expected from a single short-term exposure. <u>Prolonged/Repeated Exposure:</u> No known applicable information.				
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	None known.				

## SECTION 4 – FIRST AID MEASURES

SKIN CONTACT	Wash w/ soap & water for @ least 15 minutes. Get medical attention if symptoms persist. Remove & wash contaminated clothing.
EYE CONTACT	Immediately flush w/ large quantities of water for @ least 15 minutes until irritation subsides. Get medical attention.
INHALATION	No first aid should be needed under normal use. Remove to fresh air if needed.
INGESTION	Not intended for ingestion. No first aid should be needed. Get medical attention if irritation persists. Treat according to person's condition & specifics of exposure.

## SECTION 5 – FIRE FIGHTING MEASURES

<b>FLAMMABLE</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
<b>EXTINGUISHING MEDIA</b>	Carbon Dioxide or Foam		
<b>FLASHPOINT (°F) &amp; METHOD</b>	> 275F	<b>UPPER EXPLOSIVE LIMIT (% BY VOLUME)</b>	NE
<b>LOWER EXPLOSIVE LIMIT (% BY VOLUME)</b>	NE	<b>AUTOIGNITION TEMPERATURE (°F)</b>	NE
<b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS</b>	None		
<b>SPECIAL FIREFIGHTING PROCEDURES</b>	Wear self-contained breathing apparatus pressure demand (NIOSH approved or equivalent) & full protective gear. Use water spray to cool exposed surfaces. Thermal breakdown of this product during fire or high heat conditions may evolve the following hazardous decomposition products: Silicon dioxide. Carbon oxides & traces of incompletely burned carbon compounds. Formaldehyde.		

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

<b>PROCEDURES</b>	Wear proper protective equipment (Section 8). Use absorbent material or scrape up dried material & place in approved container.		
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## SECTION 7 – HANDLING & STORAGE

<b>HANDLING PROCEDURES &amp; EQUIPMENT</b>	Keep out of reach of children & pets. Do not take internally. Do not breathe vapors. Use w/ adequate ventilation. Product evolves acetic acid when exposed to water or humid air. Provide ventilation during use to control acetic acid within exposure guidelines or use appropriate respirator. Avoid eye contact. Avoid skin contact.		
<b>STORAGE REQUIREMENTS</b>	Keep container closed & store away from water or moisture. Avoid extreme heat or cold.		

## SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

<b>RESPIRATORY</b>	No respiratory protection should be needed. As Engineering Controls, Local & General Ventilation is recommended. Provide adequate ventilation to control exposures within guidelines of OSHA PEL: TWA 10 ppm & ACGIG TLV: TWA 10 ppm, STEL 15 ppm.		
<b>EYEWEAR</b>	Goggles or safety glasses w/ side shields.		
<b>CLOTHING / GLOVES</b>	Not normally required. In situations of extended skin contact, neoprene or other chemical resistant gloves are recommended.		
<b>HYGENIC PRACTICES</b>	Remove & wash contaminated clothing before re-use. Wash hands before breaks & @ end of workday.		

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>PHYSICAL STATE</b>	Viscous paste	<b>ODOR &amp; APPEARANCE</b>	Clear or white paste w/ somewhat pungent odor
<b>SPECIFIC GRAVITY</b>	Approximately 0.90 to 1.10	<b>VAPOR DENSITY (AIR=1)</b>	NE
<b>EVAPORATION RATE</b>	NE	<b>BOILING RANGE (°F)</b>	NE
<b>pH</b>	NE	<b>SOLUBILITY IN WATER</b>	NE
<b>VAPOR PRESSURE (MM Hg)</b>	NE	<b>%/WT VOLATILE (TNV)</b>	NE

## SECTION 10 – STABILITY AND REACTIVITY

<b>STABILITY</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Stable under normal conditions.	
<b>INCOMPATIBILITY</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<u>Materials to Avoid:</u> Water, moisture or humid air can cause hazardous vapors to form (Sec. 8). Oxidizing material can cause a reaction.	
<b>CONDITIONS TO AVOID</b>	Extreme heat.		
<b>HAZARDOUS POLYMERIZATION/HAZARDOUS DECOMPOSITION PRODUCTS</b>	Hazardous polymerization will not occur under normal conditions. Decomposition – silicon dioxide, carbon monoxide, carbon dioxide, traces of formaldehyde .		

## SECTION 11 – TOXICOLOGICAL INFORMATION / CARCINOGENICITY

ACGIH	No known applicable information. This product does not contain carcinogens (@0.1% or greater) as defined by IARC, NTP or OSHA.
OSHA	No known applicable information. See above.
IARC	No known applicable information. See above.
NTP	No known applicable information. See above.
DATA WITH POSSIBLE RELEVANCE TO HUMANS	No known applicable information. See above.

## SECTION 12 – ECOLOGICAL INFORMATION

AQUATIC TOXICITY	<u>Ecotoxicological effects</u> : Toxicity to fish improbable. In cross-linked state material not soluble in water & easily separable from water by filtration.
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## SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL	Dispose of material in accordance w/ Federal, State & Local regulations. May be disposed of in a special waste incinerator. Small quantities may be disposed of by incineration in an approved facility.
EPA WASTE CODE IF DISCARDED (40CFR Sec.261)	None. RCRA Hazard Class (40 CFR 261): Not classified as a hazardous waste. State or local laws may impose additional regulatory requirements regarding disposal.

## SECTION 14 – TRANSPORT INFORMATION

SPECIAL SHIPPING INFORMATION	<u>DOT Road Shipment Information (49 CFR 172.101)</u> : Not subject to DOT. <u>Ocean Shipment (IMDG)</u> : Not subject to IMDG code. <u>Air Shipment (IATA)</u> : Not subject to IATA regulations.
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## SECTION 15 – REGULATORY INFORMATION

CERCLA – SARA HAZARD CATEGORY	None. Section 302 (Extremely Hazardous Substances): None. Section 312 (Hazard Class): Acute: Yes. Chronic: No. Fire: No. Pressure: No. Reactive: No.	U.S. STATE REGS	See Section 16.
SARA 313	None.	TSCA	All ingredients either on TSCA Inventory or exempt. Does not contain TSCA 12(B) regulated chemicals.

## SECTION 16 – OTHER INFORMATION / SPECIAL PRECAUTIONS / LEGEND

Prop 65 Ingredients: (Known to State of California to cause cancer) None. NJ Right-to-Know: (Top 5 Ingredients) Methyltriacetoxysilane (4253-34-3), Ethyltriacetoxysilane (17689-77-9), Distillates, petroleum, Hydrotreated middle (64742-46-7) Titanium Dioxide (white product only) (13463-67-7). Pennsylvania Right-to-Know (Non-Haz @ >3%): None. Massachusetts Substance List: None. Ingredients Known to State of California to cause birth defects or reproductive harm: None. NFPA Profile: Health: 2, Flammability: 1, Reactivity: 1. WHMIS Hazard Class: D2B. Canadian DSL Status: Components listed on the Canadian Domestic Substance List.

**LEGEND**: NA – Not Applicable, NE – Not Established, UN – Unavailable, VOC – Volatile Organic Compound, PEL – Permissible Exposure Limit, TLV – Threshold Limit Value, STEL – Short Term Exposure Limit, MSDS – Material Safety Data Sheet, ACGIH – American Conference of Governmental Industrial Hygienists, SARA – Superfund Amendments & Reauthorization Act of 1986, OSHA – Occupational Safety & Health Administration, HMIS – Hazardous Materials Identification System, NTP – National Toxicology Program, CEIL – Ceiling Exposure Limit, CASRN (CAS Number) – Chemical Abstracts Service Registry Number, TSCA – Toxic Substances Control Act, NFPA – National Fire Protection Association.

Reviewed By: <u>Larry G. Brandon</u>	<u>VP Technology &amp; General Manager</u>	<u>February 18, 2010</u>
NAME	TITLE	DATE

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