

## MATERIAL SAFETY DATA SHEET

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**Vendor Update:** 3/15/2005  
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**MSDS Number:** 33SAL ; 33SAL52GL ; 33SAL5GL ; 33SBL ;  
 33SBL52GL ; 33SBL5GL ; 33SBRZ ; 33SBRZ52GL ;  
 33SBRZ5GL ; 33SC ; 33SC52GL ; 33SC5GL ; 33SMRC ;  
 33SMRC52GL ; 33SMRC5GL ; 33ST ; 33ST48GL ;  
 33ST52GL ; 33ST5GL ; 33STW ; 33STW52GL ;  
 33STW5GL ; 33SW ; 33SW52GL ; 33SW5GL ; 33SXX ;

### I. CHEMICAL PRODUCT IDENTIFICATION

**Product Name:** SILICONE SEALANT  
**HMIS Ratings:**  
**NFPA Ratings:**

**Other:** THIS MSDS IS GOOD FOR ALL COLORS OF 33S SERIES SILICONE WITH AND WITHOUT FUNGICIDE.  
 EMERGENCY OVERVIEW:  
 VARIOUS COLORED PASTES. IF INHALED CAN CAUSE SEVERE IRRITATION TO RESPIRATORY SYSTEM. LEAVE AREA TO BREATHE FRESH AIR. AVOID FURTHER OVEREXPOSURE. IF SYMPTOMS PERSIST, GET MEDICAL ATTENTION IMMEDIATELY. ACETIC ACID IS RELEASED DURING THE CURING PROCESS IN MOIST AIR. THE MAXIMUM THAT CAN BE RELEASED IS 3.4% BY WEIGHT.

### II. COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Ingredients	C.A.S. Number	% By Weight	ACGIH TLV TWA/STEL	OSHA PEL TWA/STEL	Other TWA/STEL	LD50	LC50
DIMETHYL SILOXANE HYDROXY-TERMINATED	70131-67-8	50.0 – 80.0					
<b>Notes</b>							
POLYDIMETHYLSILOXANE, TRIMETHYL ENDCAP	63148-62-9	1.0 – 35.0					
<b>Notes</b>							
SILICA, AMORPHOUS	7631-86-9	7.0 – 20.0	10 MG/M <sup>3</sup> (NO ASBESTOS,	6 MG/M <sup>3</sup>			
<b>Notes</b>							
ETHYLTRIAACETOXYSILANE	17689-77-9	1.0 – 5.0					
<b>Notes</b>							
METHYLTRIAACETOXYSILANE	4253-34-3	1.0 – 5.0					
<b>Notes</b>							
TITANIUM DIOXIDE	13463-67-7	0.0 – 5.0	10 MG/M <sup>3</sup> (TOTAL DUST, NO ASBESTOS,	10 MG/M <sup>3</sup>			
<b>Notes</b>							
CARBON BLACK	1333-86-4	0.0 – 1.0	3.50 MG/M <sup>3</sup>	3.50 MG/M <sup>3</sup>			

<b>Notes</b>						
ALUMINUM (METAL)	7429-90-5	0.0 – 1.0	10 MG/M <sup>3</sup> (METAL DUST, 2 MG/M <sup>3</sup> TOTAL SOLUBLE SALTS	15 MG/M <sup>3</sup> (TOTAL DUST, 5 MG/M <sup>3</sup> RESPIRABLE FRACTION		
<b>Notes</b>						

### III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY

<b>Eyes:</b>	CAN CAUSE SEVERE IRRITATION.
<b>Skin:</b>	CAN CAUSE IRRITATION. ACETIC ACID CAN BE ABSORBED THROUGH SKIN.
<b>Ingestion:</b>	CAN BE HARMFUL IF INGESTED.
<b>Inhalation:</b>	CAN CAUSE SEVERE IRRITATION TO RESPIRATORY SYSTEM.
<b>Signs and Symptoms of Exposure:</b>	CHRONIC HEALTH EFFECTS: OVEREXPOSURE TO ACETIC ACID CAN CAUSE CONJUNCTIVITIS, BRONCHITIS, PHARANGITIS, AND EROSION OF EXPOSED TEETH. NO SERIOUS HEALTH EFFECTS HAVE BEEN ESTABLISHED IN MAN WHEN EXPOSED TO CARBON BLACK. INFLAMMATION, LUNG FIBROSIS, AND TUMORS HAVE BEEN OBSERVED IN ANIMALS AT LEVELS WHICH OVERLOAD LUNG CLEARANCE MECHANISMS. CARBON BLACK CONTAINS VARYING AMOUNTS OF POLYNUCLEAR AROMATIC COMPOUNDS (PNA'S) WHICH HAVE BEEN FOUND TO CAUSE CANCER IN ANIMALS. SOLVENT EXTRACTS OF CARBON BLACK ARE CARCINOGENIC TO THE SKIN OF MICE. IT IS CLASSIFIED BY IARC TO BE A KNOWN ANIMAL CARCINOGEN AND A POSSIBLE HUMAN CARCINOGEN (GROUP 2B). FILLERS ARE ENCAPSULATED AND NOT EXPECTED TO BE RELEASED FROM PRODUCT UNDER NORMAL CONDITIONS OF USE.

### IV. FIRST AID MEASURES

<b>Eyes:</b>	FLUSH IMMEDIATELY WITH RUNNING WATER FOR 15 MINUTES, LIFTING THE UPPER AND LOWER LIDS OCCASSIONALLY. GET MEDICAL ATTENTION IMMEDIATELY.
<b>Skin:</b>	WASH AREA OF CONTACT THOROUGHLY WITH HAND CLEANER FOLLOWED BY SOAP AND WATER. IF IRRITATION, RASH OR OTHER DISORDERS DEVELOP, GET MEDICAL ATTENTION IMMEDIATELY.
<b>Ingestion:</b>	GET MEDICAL ATTENTION IMMEDIATELY.
<b>Inhalation:</b>	LEAVE AREA TO BREATHE FRESH AIR. AVOID FURTHER OVEREXPOSURE. IF SYMPTOMS PERSIST, GET MEDICAL ATTENTION IMMEDIATELY.

### V. FIRE FIGHTING MEASURES

<b>Flash Point:</b>	>300°F
<b>Test Method:</b>	TCC
<b>Lower Flammability Limit:</b>	N/A
<b>Upper Flammability Limit:</b>	N/A
<b>Extinguishing Agents:</b>	WATER FOG.

**Unusual Fire or Explosion** NOT APPLICABLE.

**Hazards:**

**Fire Fighting Procedures:** DURING A FIRE, PERSONNEL AT THE SCENE ARE TO PREVENT EXPOSURE TO FUMES USING ACCEPTED FIRE FIGHTING TECHNIQUES.

**Other:** PRECAUTIONS: OXIDES OF SILICON.

#### VI. ACCIDENTAL RELEASE MEASURES

**Containment/Cleanup:** ABSORB SPILL IN SAND, EARTH OR OTHER SUITABLE MATERIAL. TRANSFER TO APPROPRIATE CONTAINER FOR DISPOSAL.

#### VII. HANDLING AND STORAGE

**Other:** STORE UNDER NORMAL WAREHOUSE CONDITIONS. PREVENT INHALATION OF VAPOR, INGESTION, AND CONTACT WITH SKIN AND EYES. KEEP CONTAINER CLOSED WHEN NOT IN USE. PRECAUTIONS ALSO APPLY TO EMPTIED CONTAINERS. CHANGED SOILED WORK CLOTHES FREQUENTLY. CLEAN HANDS THOROUGHLY AFTER HANDLING.

#### VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** WEAR SUITABLE SAFETY EYEWEAR.

**Skin:** PROTECT HANDS WITH IMPERVIOUS RUBBER GLOVES AND WEAR TYPICAL FULL COVER CLOTHING. PREVENT CONTACT WITH SKIN. <BR> FACE: NOT REQUIRED

**Respiratory:** WEAR APPROPRIATE, PROPERLY FITTED NIOSH/MSHA APPROVED RESPIRATOR WHEN THE VENTILATION IS NOT ADEQUATE.

**Engineering:** USE LOCAL EXHAUST WHEN THE GENERAL VENTILATION IS NOT ADEQUATE.

#### IX. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** VARIOUS COLORED PASTE

**Boiling Point:** N/A

**Freezing Point:** N/A

**pH:** N/A

**Solubility in Water:** NEGLIGIBLE

**Specific Gravity:** 1.04

**Vapor Pressure:** N/A

**Vapor Density:** N/A

**Physical State:** PASTE

**Volatile Content:** VOLATILE WEIGHT: 3.5%

#### X. STABILITY AND REACTIVITY

**Stability:** STABLE

**Hazardous Polymerization:** WILL NOT OCCUR.

**Incompatible Products:** AVOID CONTACT WITH HYDROFLUORIC ACID AND CONCENTRATED ALKALIS.

**XI. TOXICOLOGICAL INFORMATION****XII. ECOLOGICAL INFORMATION**

**Environmental Fate and Distribution:** N/A

**XIII. DISPOSAL CONSIDERATIONS**

**Disposal Method:** NOT REGULATED BY RCRA. DISPOSE OF IN COMPLIANCE WITH STATE AND LOCAL REGULATIONS.

**RCRA Class:** N/A

**XIV. TRANSPORT INFORMATION**

**D.O.T. Shipping Name:** NOT REGULATED

**XV. REGULATORY INFORMATION**

**TSCA Status:** ON THE TSCA INVENTORY.

**EPA Sara Title III Chemical Listings:** SARA 311 RATINGS <BR> IMMEDIATE HEALTH HAZARD: Y <BR> DELAYED HEALTH HAZARD: N <BR> FIRE HAZARD: N <BR> REACTIVITY HAZARD: N <BR> SUDDEN RELEASE OF PRESSURE HAZARD: N <BR> NO SARA 313 INGREDIENTS

**California:** NO PROPOSITION 65 INGREDIENTS

**XVI. OTHER INFORMATION****WARRANTY INFORMATION**

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.