

MATERIAL SAFETY DATA SHEET

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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:

Health: Moderate(2)
 Flammability: Slight(1)
 Instability/Reactivity: Minimal(0)

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					
Notes							
POLYDIMETHYLSILOXANE, TRIMETHYL ENDCAP	63148-62-9	1.0 - 35.0					
Notes							
SILICA, AMORPHOUS	7631-86-9	7.0 - 20.0	10 MG/M ³ (NO ASBESTOS,	6 MG/M ³			
Notes							
ETHYLTRIACETOXSILANE	17689-77-9	1.0 - 5.0					
Notes							
METHYLTRIACETOXSILANE	4253-34-3	1.0 - 5.0					
Notes							
TITANIUM DIOXIDE	13463-67-7	0.0 - 5.0	10 MG/M ³ (TOTAL DUST, NO ASBESTOS,	10 MG/M ³			
Notes							
CARBON BLACK	1333-86-4	0.0 - 1.0	3.50 MG/M ³	3.50 MG/M ³			
Notes							

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

III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY

Eyes:	CAN CAUSE SEVERE IRRITATION.
Skin:	CAN CAUSE IRRITATION. ACETIC ACID CAN BE ABSORBED THROUGH SKIN.
Ingestion:	CAN BE HARMFUL IF INGESTED.
Inhalation:	CAN CAUSE SEVERE IRRITATION TO RESPIRATORY SYSTEM.
Signs and Symptoms of Exposure:	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. SOLVANT 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

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

V. FIRE FIGHTING MEASURES

Flash Point:	NOT APPLICABLE.
Lower Flammability Limit:	N/A
Upper Flammability Limit:	N/A
Extinguishing Agents:	COMPATIBLE WITH ALL USUAL EXTINGUISHING MEDIA.
Unusual Fire or Explosion Hazards:	NOT APPLICABLE.
Fire Fighting Procedures:	WEAR FULL PROTECTIVE CLOTHING, POSITIVE PRESSURE OR PRESSURE DEMAND BREATHING APPARATUS AND PROTECTIVE COVERING FOR EXPOSED AREAS OF THE HEAD. IF LARGE AMOUNT IS INVOLVED, EVACUATE AREA.

Other: THERMAL BREAKDOWN OF THIS PRODUCT DURING FIRE OR VERY HIGH HEAT CONDITIONS MAY EVOLVE THE FOLLOWING HAZARDOUS DECOMPOSITION PRODUCT: CARBON OXIDES AND TRACES OF INCOMPLETELY BURNED CARBON COMPOUNDS. SILICONE DIOXIDE. FORMALDEHYDE.

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.
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: VOC COMPLIANT, LESS THAN 39 g/L. 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
IMMEDIATE HEALTH HAZARD: Y
DELAYED HEALTH HAZARD: N
FIRE HAZARD: N
REACTIVITY HAZARD: N
SUDDEN RELEASE OF PRESSURE HAZARD: N
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.