

MATERIAL SAFETY DATA SHEET

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Vendor Update: 3/15/2005
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MSDS Number: 22AL ; 22BL ; 22C ; 22W ;

I. CHEMICAL PRODUCT IDENTIFICATION

Product Name: SILICONE SEALANT
HMIS Ratings:
NFPA Ratings:

Other: THIS MATERIAL SAFETY DATA SHEET (MSDS) APPLIES TO THE FOLLOWING:
 22C (CLEAR), 22BL (BLACK), 22W (WHITE), 22AL (ALUMINUM).

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/M3(NO ASBESTOS,	6 MG/M3			
Notes	NO ASBESTOS,						
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/M3(TOTAL DUST, NO ASBESTOS,	10 MG/M3			
Notes							
CARBON BLACK	1333-86-4	0.0-1.0	3.5 MG/M3	3.50 MG/M3			
Notes							
ALUMINUM (METAL)	7429-90-5	0.0-1.0	10 MG/M3(METAL DUST, 2 MG/M3 TOTAL SOLUBLE SALTS)	15 MG/M3(TOTAL DUST, 5 MG/M3 RESPIRABLE FRACTION)			
Notes							

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:****Other:**

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.

IV. FIRST AID MEASURES

Eyes:	IMMEDIATELY FLUSH WITH RUNNING WATER FOR 15 MINUTES, LIFTING THE UPPER AND LOWER LIDS OCCASIONALLY. 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:	>300°F
Test Method:	TCC
Lower Flammability Limit:	N/A
Upper Flammability Limit:	N/A
Extinguishing Agents:	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:	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.
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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. CHANGE SOILED WORKCLOTHES 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: % VOLATILE WEIGHT: 3.5

X. STABILITY AND REACTIVITY

Stability: STABLE.

Hazardous Polymerization: HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

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

XI. TOXICOLOGICAL INFORMATION

Other: SEE SECTION III.

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

Other: EPA REPORTABLE QUANTITIES: 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.

Other: OSHA STATUS: CONSIDERED HAZARDOUS BASED ON THE FOLLOWING CRITERIA: IRRITANT.
 TARGET ORGANS: LUNG, SKIN, EYE, TEETH.
OSHA HAZARDOUS COMPONENTS: SILICA (AMORPHOUS) 7631–86–9; CARBON BLACK 1333–86–4, LISTED AS AN IARC, NTP, OSHA, OR ACGIH CARCINOGEN; TITANIUM DIOXIDE 13463–67–7; ALUMINUM (METAL) 7429–90–5. NO COMPLIANCE QUANTITIES.

XVI. OTHER INFORMATION

Other: FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.

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.