



MSDS

MATERIAL SAFETY DATA SHEET *Silicone 412*

SECTION 1: MANUFACTURER IDENTIFICATION

Manufacturer's Name: American WeatherStar
Address: PO Box 6256
Mobile AL 36660

Emergency Telephone: INFOTRAC— 800/535-5053

PRODUCT NAME: Silicone 412

Chemical Family: Silicone

HMIS/NFPA HAZARD RATINGS: H:1 F:0 R:0

DEGREE OF HAZARD: 4=EXTREME 3=HIGH 2=MODERATE 1=SLIGHT
0=INSIGNIFICANT

SECTION 2: HAZARDOUS SUBSTANCES

		% BY WT	OSHA TWA	ACGIH TWA
Oximino Silane	CAS# 22984-54-94-6	N/A	N/A	
Polydimethylsiloxane	CAS# 70131-67-8	50-55	N/A	N/A

SECTION 3: PHYSICAL DATA

BOILING RANGE: NA

WEIGHT PER GALLON: 11.3 +/- 0.5 lbs

VAPOR DENSITY (air=1): Heavier

VAPOR PRESSURE (mm Hg @ 38 Deg.C): Negligable

VOC: 47.7 g/l

% VOLATILE BY VOLUME: 5 +/-2 %

SOLUBILITY IN WATER: Insoluble



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SECTION 4: FIRE & EXPLOSION HAZARD DATA

FLASH POINT: >350F Deg F

EXTINGUISHING MEDIA: All standard extinguishing agents are suitable.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters must wear NIOSH/OSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

UNUSUAL FIRE & EXPLOSION HAZARD: During a fire, irritating and/or toxic gases and aerosols from decompositions/combustion may be present.

SECTION 5: HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: Irritating to eyes and skin. May cause allergic reactions. May cause sensitization by skin contact. Risk of serious damage to eyes.

EMERGENCY & FIRST AID: If overcome by vapors, remove to fresh air and if breathing has stopped, give artificial respiration. Eye contact; Flush immediately with water and get medical attention if irritation persists. Skin contact; Wash with soap and water. Ingestion; Do not induce vomiting. If victim is conscious, give 1-3 glasses of water to drink. Get medical attention.

PRIMARY ROUTES OF ENTRY: Dermal, eyes.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: None known

SECTION 6: REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Heat, sparks and open flame

INCOMPATIBILITY: None known

HAZARDOUS DECOMPOSITION PRODUCTS: Burning may produce silicon dioxide, carbon monoxide and carbon dioxide, formaldehyde

HAZARDOUS POLYMERIZATION: Will not occur.



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SECTION 7: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Wipe, scrape or soak up in an inert material and put in a container for disposal.

WASTE DISPOSAL METHOD: Dispose in accordance with local, state, and federal regulations.

SECTION 8: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Atmospheric levels should be maintained below the exposure guideline. When respiratory protection is required, use an approved air-purifying or positive-pressure supplied-air respirator.

VENTILATION (Local/Mechanical Exhaust):

PROTECTIVE GLOVES: Cloth or chemical resistant gloves

EYE PROTECTION: Safety glasses

OTHER PROTECTIVE EQUIPMENT: Wear suitable protective clothing and eye/face protection.

SECTION 9: SPECIAL PRECAUTIONS & TOXICOLOGICAL PROPERTIES

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

Keep containers tightly closed and store in a cool dry place. Open containers should be blanketed with dry nitrogen before resealing.

TOXICOLOGICAL PROPERTIES: This product contains crystalline silica. If grinding cured product for removal, dust may be generated. Use respiratory protection. The International Agency for Research on Cancer (IARC) has recently determined that there is sufficient evidence for the carcinogenicity of inhaled crystalline silica in the form of quartz in humans

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