



PERFORMANCE
SILICONES, Incorporated

5387 Schaefer Ave, Chino, CA 91710
Telephone (909) 517-9088 Fax (909) 517-2088

Devoted to Superior Silicone Products and Services

MATERIAL SAFETY DATA SHEET

SECTION I. COMPANY AND PRODUCT IDENTIFICATION

MSDS ISSUE DATE: 4/6/04
 PREVIOUS MSDS DATE: 4/6/04
 MATERIAL NAME: **Product Name** Silanol Terminated PDMS
 CHEMICAL FAMILY: Formulated product
 CHEMICAL NAME AND SYNONYMS: Not applicable
 FORMULA: Not applicable

SUPPLIED BY: Performance Silicones
 Inc.
 5387 Schaefer Ave
 Chino, CA 91710

CUSTOMER INFORMATION: **Street Address**
City, State, Zip

EMERGENCY TELEPHONE NUMBER
 (24 HOURS): (909) 712-6778

This Material Safety Data Sheet (MSDS) meets the requirements of the Federal OSHA Hazard Communications Standard (29 CFR 1910.1200).

SECTION I A. HAZARDOUS COMPONENTS

INGREDIENTS	% Wgt.	CAS#	PEL	TLV
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This material is considered to be non-hazardous under OSHA and WHMIS criteria.

SECTION II. PHYSICAL PROPERTIES

BOILING POINT, degrees F: Not applicable
VAPOR PRESSURE, 68 degrees F, mm. Hg:
 Not applicable
VAPOR DENSITY (Air = 1): Not applicable
SOLUBILITY IN WATER: Negligible
PHYSICAL STATE: Paste

COLOR:	Clear
ODOR:	Slight
SPECIFIC GRAVITY (Water = 1):	1.09
PERCENT VOLATILE (by weight):	Not applicable
EVAPORATION RATE (Ether = 1):	Not applicable
FLASH POINT, degrees F:	Not applicable
(Method used)	Not applicable
FLAMMABLE LIMITS IN AIR, % LEL:	Not applicable
UEL:	Not applicable
pH OF AQUEOUS SATURATED SOLUTION:	Not applicable

SECTION III. FIRE HAZARDS

This is a paste-like material that will burn with a lazy, smoldering flame.

SECTION IV. FIREFIGHTING TECHNIQUES

As in any fire, prevent human exposure to fire, smoke, fumes, or products of combustion. Evacuate non-essential personnel from the fire area. Fire fighters should wear full-face, self-contained breathing apparatus and impervious protective clothing.

Use standard fire fighting techniques to extinguish fires involving this material: use water spray, dry chemicals or carbon dioxide.

SECTION V. TOXICOLOGY

Toxicological testing has not been conducted with this material by Performance Silicones Inc.

SECTION VI. HUMAN HEALTH HAZARDS

EYE CONTACT: No toxic effects expected.

SKIN CONTACT: No toxic effects expected.

INHALATION: No toxic effects expected.

INGESTION: Not expected in industrial use.

ACUTE EFFECTS OF EXPOSURE: None known.

CHRONIC EFFECTS OF EXPOSURE: None known.

This material may release airborne contaminants during heat cure. Inhalation exposure should be avoided.

There are no data available that address medical conditions that are generally recognized as being aggravated by exposure to this product.

This material does not contain any ingredients listed by IARC, NTP or OSHA as carcinogens in amounts exceeding 0.1%.

SECTION VII. FIRST AID

EYE CONTACT: In case of contact, flush eyes with large amounts of running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. Get medical attention if irritation occurs.

SKIN CONTACT: Remove excess material from the skin with a waterless skin cleaner. Flush skin with plenty of water and wash well with soap and water. Remove contaminated clothing and shoes. Get medical attention if irritation occurs. Wash clothing before reuse.

INHALATION: If vapors are inhaled during heat cure, remove to fresh air. Seek medical attention if respiratory irritation occurs or if breathing becomes difficult.

INGESTION: Never give an unconscious person anything to drink. If unconscious, treat for shock. Notify a physician or the nearest poison control center immediately. If conscious, have the person rinse his mouth with cold water. If conscious, induce vomiting by using a finger or other object such as a spoon to tickle the back of the throat. If unconscious and vomiting, turn the person on his side to avoid choking. Allow the person to drink as much cold water as desired.

SECTION VIII. INDUSTRIAL HYGIENE

ENGINEERING CONTROLS: When the need for engineering controls is indicated by the conditions under which the product is used, one or more of the following techniques may be selected to limit employee exposure: general ventilation, local exhaust ventilation, enclosure or confinement of the operation, and/or process isolation with remote control operation.

INGESTION: Open containers of food and beverages should be kept away from areas where the product is used or stored. Eating, drinking, smoking, and application of cosmetics should be prohibited in areas where the product is being used. Before eating, hands and face should be washed to remove residual contamination.

SKIN CONTACT: Skin contact should be minimized through the use of gloves and suitable long-sleeved clothing selected with regard for use condition exposure potential.

EYE CONTACT: Eye contact should be avoided through the use of chemical safety glasses, goggles, or a face shield selected with regard for use condition exposure potential.

INHALATION: If the product is used under conditions which generate airborne contamination, these processing operations should be carried out in open, well ventilated areas, or in enclosed areas equipped with local exhaust ventilation. If adequate ventilation is not available, employees should be provided with appropriate, approved, air-purifying respirators selected in accordance with NIOSH guidelines.

EXPOSURE LIMITS: No exposure limit has been established for this material. Exposure limits for its hazardous components, if any, are listed in Section IA on page one.

SECTION IX. CHEMICAL REACTIVITY

Relatively non-reactive.

SECTION X. STABILITY

Stable at ambient temperatures and atmospheric pressure.

HAZARDOUS/THERMAL DECOMPOSITION PRODUCTS: SiO₂, CO, CO₂, formaldehyde and various hydrocarbon fragments.

SECTION XI. SPILL HANDLING

Make sure all personnel involved in the spill cleanup follow good industrial hygiene practices (refer to SECTION VIII: INDUSTRIAL HYGIENE).

(See SECTION XIV: DISPOSAL OF UNUSED MATERIAL)

Scoop up gross quantities. Sweep up remaining material. Dispose of contaminated material.

SECTION XII. CORROSIVITY TO MATERIALS OF CONSTRUCTION

Non-corrosive to materials commonly used in the construction of process equipment, storage and shipping containers.

SECTION XIII. STORAGE REQUIREMENTS

Store in a cool, dry, well-ventilated area. Exercise due caution to prevent damage to the container. Avoid contact with moisture.

SECTION XIV. DISPOSAL OF UNUSED MATERIAL

Material that cannot be used or chemically reprocessed should be disposed of at an approved facility in accordance with any applicable regulations under the Resource Conservation and Recovery Act (RCRA). Note: State and local regulations may be more stringent than those under RCRA.

SECTION XV. DISPOSAL OF CONTAINER

Dispose of empty containers according to any applicable regulations under the Resource Conservation and Recovery Act (RCRA). NOTE: State and local regulations may be more stringent than those under RCRA.

Empty containers may contain residual material. Do not reuse containers unless properly reconditioned.

SECTION XVI. REGULATORY INFORMATION

TSCA:	This material or its components are listed on the TSCA Chemical Substance Inventory and is in compliance with all applicable rules and orders. One or more of the components may be exempt from listing on the TSCA Inventory.	
RCRA Hazard Class:	Not regulated	
DOT:	Proper Shipping Name:	None, not regulated under DOT, ICAO/IATA or IMO regulations.
Technical Name(s):		Not applicable
Hazard Classification:		Non-hazardous
UN/NA Number:		Not applicable
Label Required:		None
Hazardous Substance RQ (Name):	Not applicable	
Inhalation Hazard (173.3a (b)):		Not applicable

Hazardous Materials Identification System (HMIS)

(for material as packaged):

Health Hazard = 0
Flammability Hazard = 1
Reactivity Hazard = 0
Personal Protection = B

Hazardous Materials Identification System and HMTS are registered trademarks of the National Paint and Coatings Association.

SECTION XVII. ADDITIONAL INFORMATION

n.e. = Not established; n.a. = Not applicable/not available; n.d. = Not determined; TLV = Threshold Limit Value; PEL = Permissible Exposure Limit; OSHA = Occupational Safety and Health Administration; ACGIH = American Conference of Governmental Industrial Hygienists; LEL = Lower Explosive Limit; UEL = Upper Explosive Limit; ppm = parts per million; TSCA = Toxic Substances Control Act; SARA = Superfund Amendments and Reauthorization Act; DOT = Department of Transportation.

This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief accurate and reliable as of the date compiled. However, no representation, warranty or guarantee, expressed or implied, is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information. Nothing herein shall be construed as a recommendation for uses which infringe valid patents or as extending a license under valid patents.



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CHEMICAL NAME AND SYNONYMS: Not applicable
FORMULA: Not applicable

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PHYSICAL STATE: Paste

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ODOR:	Slight
SPECIFIC GRAVITY (Water = 1):	1.09
PERCENT VOLATILE (by weight):	Not applicable
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Hazard Classification:		Non-hazardous
UN/NA Number:		Not applicable
Label Required:		None
Hazardous Substance RQ (Name):	Not applicable	
Inhalation Hazard (173.3a (b)):	Not applicable	

Hazardous Materials Identification System (HMIS)

(for material as packaged):

Health Hazard = 0
Flammability Hazard = 1
Reactivity Hazard = 0
Personal Protection = B

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This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief accurate and reliable as of the date compiled. However, no representation, warranty or guarantee, expressed or implied, is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information. Nothing herein shall be construed as a recommendation for uses which infringe valid patents or as extending a license under valid patents.