

Safety Data Sheet

DentaSEAL Pro Silicone Oil Dental* Concentrated Gel (#1083M)

Section I - IDENTIFICATION

Manufacturer's Name:

Dentity Global, LLC

Address:

2295 NW Corporate Blvd, Ste 230, Boca Raton, FL 33431

Emergency Telephone:

866-603-6003

Product Trade Name and Synonyms:

DentaSEAL Pro Brand Silicone Oil – Medical Grade

Product Code No:

#1083

Chemical Name and Synonyms:

Silicone Oil (polydimethylsiloxane)

NDC #69953-553-01

C.A.S. Registry Nos. 63148-62-9

Homeopathic Ingredients:

Methyl Salicylate (6x)

Ferrum Phosphoricum (6x)

Bellis Perennis (6x)

Aconitum Napellus (6x)

Section II - HAZARDOUS INGREDIENTS

Hazardous Ingredients:

None present

D.O.T. Hazard Name & Class:

None

E.P.A. Priority Pollutants:

None present

Section III - PHYSICAL DATA

Boiling Point:

More than 500 degrees F

Vapor Pressure (mm Hg)

Less than 10 mm

Solubility in Water:

Very slightly soluble

Specific Gravity (H₂O=1)

approximately 1

Density:

1gm/cc

Percent Volatile by Volume (%):

Less than 1%

Evaporation Rate (water = 1):

Less than water

Viscosity:

Thixotropic Gel

Color:

Translucent

Vapor Permeability:

100% to gas vapors

Product Description:

A pure self-bonding silicone polymer containing no volatilizing agents or other hazardous materials that would require special handling during shipment or storage. This material is a highly concentrated elastomer which exhibits excellent chemical and thermal stability and acts as a self-adhesive, fouling-release, drag-reducing coating when applied in thin films.

Section IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point:

More than 500 degrees F (ASTM D-56 Tag Closed)

Extinguishing Media:

Non-flammable

Special Fire Fighting Procedures:

When exposed to high temperatures in an open flame, fire product will expel silicon dioxide and carbon

Unusual Fire And Explosion Hazards: None

Section V - HEALTH HAZARD DATA

Threshold Limit Value:

Nothing

Effects of Overexposure:

Slight irritation to eyes.

No detrimental effect on nose or throat, skin or digestive tract.

As with all chemical agents, some individuals may have a hypersensitivity to certain ingredients.

Emergency and First Aid Procedures:

Remove from area, flush eyes with water.

If skin irritation occurs, wash with soap and water.

Section VI - REACTIVITY DATA

Stability:

Stable

Incompatibility:

Avoid strong oxidizing agents.

Hazardous Decomposition Products:

When exposed to high temperatures in an open flame, will expel silicone dioxide and carbon, face mask should be used.

Hazardous Polymerization:

Will not occur.

Section VII - SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled:

Clean up, move to used drums for disposal.

CAUTION! Makes surfaces very slippery.

Waste Disposal Method:

Incinerate or standard wash down and clean until no longer slippery. (may require removal of surface layer of substrate on which spill occurred).

Section VIII - SPECIAL PROTECTION INFORMATION:

Respiratory Protection:

None required.

Ventilation:

No special requirements.

Protective Gloves:

Not required, except to prevent cross-contamination of materials, and unless a known skin sensitivity occurs.

Eye Protection:

Safety Glasses should be worn when working with any chemical.

Section IX - SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storage:

Avoid direct contact with eyes.

Coated surfaces become slippery. Do not spill on walkways.

Coated surfaces become non-stick; polymer should not be applied to a surface which requires subsequent labeling or painting.

These data are offered in good faith as typical values and not as product specifications. No warranty, either 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. Dentity Global, LLC will not be responsible for damages resulting from use of, or reliance upon, this information.