



## Safety Data Sheet

### DentaSEAL Silicone Oil - Concentrated Gel (#1083M)

#### Section I - IDENTIFICATION

Manufacturer's Name:

Blue Arrow Solutions, LLC

Address:

2 Whispering Ridge Lane

Gillette, Wyoming 82718 Emergency Telephone:

Product Trade Name and Synonyms:

DentaSEAL Brand

Product Code No:

#1083 Chemical Name

Synonyms:

Silicone Oil (polydimethylsiloxane)

#### 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 (H<sub>2</sub>O=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 that 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:

None

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:

None

Hazardous Polymerization:

Will not occur

#### Section VII - SPILL OR LEAK PROCEDURES

Steps to be taken in the event the material is spilled:

**CAUTION!** This material makes surfaces extremely slippery. Perform a standard wash down and scrub until no longer slippery. This may require the removal of the surface layer of the substrate on which the spill occurred.

Respiratory Protection:

None required

Ventilation:

No special requirements

Protective Gloves:

Not required, except to prevent cross-contamination of materials or unless skin sensitivity occurs

Eye Protection:

Safety glasses should be worn when working with any chemical

#### Section IX - SPECIAL PRECAUTIONS

Precautions for handling and storage:

Avoid direct contact with eyes

Coated surfaces become extremely slippery. Do not spill where walking or standing

Coated surfaces become non-stick; polymer should not be applied to a surface that will require subsequent labeling, painting or the application of any additional material.

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. Blue Arrow Solutions, LLC will not be responsible for damages resulting from use of, or reliance upon, this information.