

# MATERIAL

# SAFETY

# DATA

# SHEET

## SOLEN DF-3220L

NFPA Designation 704

DEGREE OF HAZARD

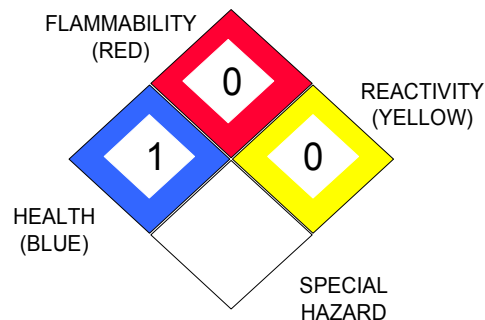
4 = Extreme

3 = High

2 = Moderate

1 = Slight

0 = Insignificant



### SECTION I: IDENTIFICATION

EFFECTIVE DATE: 9/23/96

REVISED: 7/05

NAME AND ADDRESS:

PHONE: (205) 424-1919

EMERGENCY PHONE: ChemTel 1-800-255-3924

SOLEN, INC.

5521 Parkwood Circle

Bessemer, AL 35022

PRODUCT DESCRIPTION:

Opaque, white to off-white liquid dispersion.

CHEMICAL FAMILY:

Silicone emulsion.

MOLECULAR FORMULA:

Not applicable: Blend

D.O.T. SHIPPING NAME:

Non-Regulated

### SECTION II: INGREDIENTS

The composition of this mixture may be proprietary information. In the event of a medical emergency, compositional information will be provided to a physician or nurse.

This product is not hazardous as defined in 29 CFR 1910.1200.

### SECTION III: PHYSICAL PROPERTIES

PHYSICAL STATE: Liquid

pH: 6.46

VAPOR PRESSURE: 24 mm Hg at 77 deg F

VAPOR DENSITY: >1 (Air=1)

BOILING POINT: 212 deg F

FREEZING POINT: <32 deg F

SOLUBILITY IN WATER: Dispersable

EVAPORATION RATE: <1 (n-Butyl Acetate=1)

SPECIFIC GRAVITY: 1.01

VISCOSITY: <2000cP at 80 deg F  
(Brookfield RVT 3/50)

### SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT & METHOD: Non flammable.

FLAMMABLE LIMITS: Not applicable.

AUTOIGNITION TEMPERATURE: Not applicable.

HAZARDOUS COMBUSTION PRODUCT:: Not applicable.

#### FIRE-FIGHTING PROCEDURES:

Use water spray to cool fire exposed surfaces and to protect personnel. Isolate "fuel" supply from fire.

#### FIRE-FIGHTING EQUIPMENT:

As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

#### FIRE EXPLOSION:

Material will not burn. Empty containers retain product residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, brace, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or properly disposed of.

# MATERIAL

# SAFETY

# DATA

# SHEET

## SOLEN DF-3220L

NFPA Designation 704

DEGREE OF HAZARD

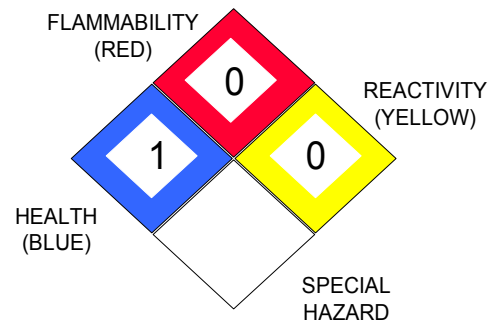
4 = Extreme

3 = High

2 = Moderate

1 = Slight

0 = Insignificant



### SECTION V: ===== HEALTH HAZARD DATA =====

#### POTENTIAL HEALTH EFFECTS:

##### EYES:

Slightly irritating but does not injure eye tissue.

##### SKIN:

Low order of toxicity. Occasional brief contact with the liquid is not expected to result in significant irritation. Prolonged or repeated contact may irritate and cause dermatitis.

##### INGESTION:

Minimal toxicity.

##### INHALATION:

Negligible hazard at ambient temperature (-18 to 38 deg C; 0 to 100 deg F). Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract.

##### CANCER STATEMENT:

This product (or any component at a concentration of 0.1% or greater) is not listed by the NTP, IARC, OSHA OR EPA as a carcinogen.

### EMERGENCY AND FIRST AID PROCEDURES:

##### EYES:

Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

##### SKIN:

Wash with large amounts of water; use soap if available. If irritation persists, seek medical attention.

##### INGESTION:

First aid is normally not required. If symptoms develop, get prompt medical attention.

##### INHALATION:

Using proper respiratory protection, immediately remove the victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for immediate medical attention.

### SECTION VI: ===== PERSONAL PROTECTION DATA =====

#### ENGINEERING CONTROLS:

Ventilation should be provided to control worker exposures and prevent health risk; and as necessary to reduce, prevent and control aerosol generation.

#### WORK HYGIENIC PRACTICES:

Where contact may occur, wear chemical resistant gloves, long sleeves and safety glasses with side shields. Where overexposure by inhalation may occur and engineering, work practice or other means of exposure reduction are not adequate, approved respirators may be necessary.

#### COMMENTS:

No workplace exposure limits have been established for this product.

### SECTION VII: ===== REACTIVITY DATA =====

#### STABLE:

Yes HAZARDOUS DECOMPOSITION: None

#### HAZARDOUS POLYMERIZATION: No

STABILITY: Not applicable.

#### CONDITIONS TO AVOID::

Strong oxidizing agents.

# MATERIAL

# SAFETY

# DATA

# SHEET

## SOLEN DF-3220L

NFPA Designation 704

DEGREE OF HAZARD

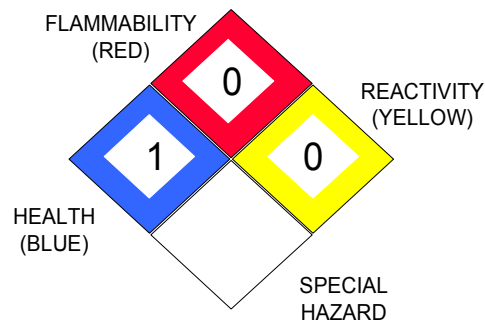
4 = Extreme

3 = High

2 = Moderate

1 = Slight

0 = Insignificant



### SECTION VIII: ===== ENVIRONMENTAL DATA =====

#### SPILL OR LEAK PROCEDURES:

##### WATER SPILL:

Prevent additional discharge of material, if possible to do so without hazard. Remove from surface by skimming or with suitable adsorbents. Consult an expert on disposal of recovered material, and ensure conformity to all federal, state, and local disposal regulations.

##### LAND SPILL:

Prevent additional discharge of material, if possible to do so without hazard. For small spills implement cleanup procedures; for large spills implement cleanup procedures and, if in public area, advise authorities. Prevent liquid from entering sewers, watercourses, or low areas. Contain spilled liquid with sand or earth. Recover by pumping or with a suitable absorbent. Consult an expert on disposal of recovered material and ensure conformity to all federal, state, and local disposal regulations.

EPA RQ INGREDIENT: Not applicable.

RCRA Status: Discarded product, as sold, would not be considered an RCRA hazardous waste.

### SECTION IX: ===== SPECIAL PRECAUTIONS =====

#### HANDLING AND STORAGE:

Keep container closed. Both open and handle containers with care. Store in a cool, well-ventilated place away from incompatible materials. Do NOT pressurize, cut, heat, or weld containers. Empty product containers may contain product residue. Do NOT reuse empty containers without commercial cleaning or reconditioning.

STORAGE TEMPERATURE: 32 deg F minimum to 120 deg F maximum

LOADING TEMPERATURE: 32 deg F minimum to 120 deg F maximum

STORAGE PRESSURE: Atmospheric

The data contained in this Material Safety Data Sheet has been prepared based upon an evaluation of the ingredients contained in the product, their concentration in the product and potential interactions. The information is offered in good faith and is believed to be accurate. It is furnished to the customer who is urged to study it carefully to become aware of hazards, if any, in the storage, handling, use and disposal of the product; and to insure his employees are properly informed and advised of all safety precautions required. The information is furnished for compliance with the "Occupational Safety and Health Act" of 1970, the "Hazards Communication Act" of 1983 as well as various other Federal, State and Local regulations. Use or dissemination of all or part of this information for any other purpose is illegal.