



SAFETY DATA SHEET

MINISEAL® (Non-Hazardous)

Date Prepared: 29 February 2016

1. IDENTIFICATION

- A. SUBSTANCE:** Miniseal®, a non-hazardous aqueous solution of sodium salt of silicic acid and penetrating agent.
- B. Trade Names/Synonyms of Solvent:** N/A
- C. Company Name:** Microleak-Seal Impregnant Co., DBA: The Microseal Co.
Mail: PO Box 541, Rome, NY, USA 13442-0541
Office: 707 W. Bloomfield St., Rome, NY, USA 13440-3114
Tel: (315) 337-2720 • email: microseal@microleak.com • web: www.microleak.com
Plant: West Rome Industrial Park, Rome, NY, USA 13440
- D. Recommended Use of Chemical:** Metal Sealant

2. HAZARD(S) IDENTIFICATION

Non-hazardous material.

3. COMPOSITION INFORMATION and INGREDIENTS

- A. Composition:** Aqueous solution of sodium salt of silicic acid and penetrating agent.

4. FIRST AID MEASURES

- A. First Aid:**
- I. Inhalation:** Remove from exposure and into fresh air immediately. If breathing is difficult administer oxygen. If breathing stopped give artificial respiration (can use a bag valve mask or similar device). Keep person warm, quiet, and get medical attention.
 - II. Skin Contact:** In case of contact, flush skin with water.
 - III. Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call physician.
 - IV. Ingestion:** N/A
- B. Symptoms of Short- /Long-Term Exposure Health Effects:**
- I. Inhalation:** Spray mist may damage respiratory tract.
 - II. Skin Contact:** Skin irritation.
 - III. Eye Contact:** Eye irritation.
 - IV. Ingestion:** N/A.
- C. Recommendations for Immediate Medical Care:** Seek medical attention if needed for inhalation, skin, or eye contact exposure.

5. FIRE-FIGHTING MEASURES

- A. **Extinguishing Equipment:** N/A -- NOT FLAMMABLE
- B. **Advice on Specific Hazards:** N/A
- C. **Special Protective Equipment or Precautions for Firefighters:** N/A

6. ACCIDENTAL RELEASE MEASURES

- A. **Use of Personal Precautions:** **Respiratory Protection:** Use NIOSH-approved mist respirator where spray occurs. **Skin Protection:** Wear butyl-rubber, nitrile, or super-nitrile gloves where contact likely. **Eye protection:** Chemical goggles and/or face shield. **Other Protective Equipment:** Safety shower and eyewash fountain should be within direct access. **Personal Hygiene:** Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Wash contaminated clothing before re-use.
- B. **Emergency Procedures including instructions for evacuations, consulting experts when needed, and appropriate protective clothing:** N/A
- C. **Cleanup Procedures:**
 - I. **Small Spills (<100gal):** Mop up and flush to sewer with plenty of water.
 - II. **Large Spills (>100gal):** Isolate, dike and store discharged material, if possible. Otherwise disperse and flush with water. Observe environmental protection regulations. Neutralize with dilute acid and landfill solids according to local, state and federal regulations. Flush neutral liquid to sewer with plenty of water.

7. HANDLING & STORAGE

- A. **Requirements for Safe Handling:** Avoid contact with skin and eyes. Do not inhale mists.
- B. **Recommendations for Safe Storage & Ventilation:** Store in cool, dry and well-ventilated area. Avoid direct sunlight. Avoid incompatible materials.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

- A. **Permissible Exposure Limits:** N/A
- B. **Appropriate Engineering Controls:** N/A
- C. **Personal Protective Measures:** **Respiratory Protection:** Use NIOSH-approved mist respirator where spray occurs. **Skin Protection:** Wear butyl-rubber, nitrile, or super-nitrile gloves where contact likely. **Eye protection:** Chemical goggles and/or face shield. **Other Protective Equipment:** Safety shower and eyewash fountain should be within direct access. **Personal Hygiene:** Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Wash contaminated clothing before re-use.

9. PHYSICAL & CHEMICAL PROPERTIES

- | | |
|---|---|
| A. Appearance: Liquid, colorless to hazy | F. Flammability: NONE |
| B. Odor: Odorless | G. Vapor Pressure: N/A |
| C. pH: 10-12 | H. Vapor Density: N/A |
| D. Initial Boiling Point: N/A | H. Solubility in water: complete |
| E. Evaporation Rate: N/A | J. Viscosity: N/A |

10. STABILITY & REACTIVITY

- A. **Reactivity:** Flammable hydrogen gas may be produced on prolonged contact with metals such as aluminum, tin, lead and zinc.
- B. **Chemical Stability:** Stable
- C. **Conditions to Avoid:** Flammable hydrogen gas may be produced on prolonged contact with metals such as aluminum, tin, lead and zinc. Product gels when mixed with acid.
- D. **Hazardous Decomposition Products:** Hydrogen

11. TOXICOLOGIC INFORMATION

- A. **Likely routes of exposure:** Inhalation, skin, and eye contact.
- B. **Symptoms related to the physical, chemical, and toxicological characteristics:**
 - I. **Inhalation:** Irritation
 - II. **Skin Contact:** Irritation
 - III. **Eye Contact:** Irritation

12. ECOLOGICAL INFORMATION

N/A

13. DISPOSAL CONSIDERATIONS

- A. **Small Spills (<100gal):** Flush to sewer with plenty of water.
- B. **Large Spills (>100gal):** Isolate, dike, and store discharged material, if possible. Otherwise disperse and flush with water. Observe environmental protection regulations. Neutralize with dilute acid and landfill solids according to local, state and federal regulations. Flush neutral liquid to sewer with plenty of water.

14. TRANSPORT INFORMATION

N/A

15. REGULATORY INFORMATION

N/A

16. OTHER INFORMATION

- A. **Updated:** 29 February 2016
- B. **Created:** 14 November 2014
- C. The information herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.