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Product name: **MAPR-55 Paintable Silicone Emulsion**

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Product name: **MAPR-55% Paintable Silicone Emulsion**

Generic description: 50% Emulsion- Methylalkyl Paintable Release Agent

Physical form: liquid

Color: white/opaque

Odor: characteristic odor

NFPA profile: Health 1, Flammability 0, Reactivity 0

**1. OSHA hazardous components:**

**This product does not contain materials regulated under SARA Title III section 313**

**2. Effect of overexposure:**

Acute effects:

Eye: No significant irritation expected from a single exposure.

Skin: May cause mild irritation.

Inhalation: May irritate respiratory passages.

Oral: Low ingestion hazard in normal use.

Prolonged or repeated exposure effects

Eye: Repeated exposure may cause irritation.

Skin: Repeated skin contact may cause allergic skin reaction.

Inhalation: Overexposure by inhalation may cause respiratory irritation.

Oral: repeated ingestion or swallowing large amounts may injure internally.

Signs and symptoms of overexposure: No known applicable information.

Medical conditions aggravated by exposure: No known applicable information.

The above listed potential effects of overexposure are based on actual data, results of studies performed on similar compositions, component data and expert review of the product.

**3. First aid measures:**

Eye: Immediately flush with water and consult a physician.

Skin: Remove from skin and immediately flush with water. Consult a physician if irritation develops or persists.

Inhalation: Remove to fresh air.

Oral: Get medical attention

**4. Fire Fighting measures:**

Flash point: >201F or >93.9°C closed cup      Auto-ignition temperature: Not determined

Flammability limits in air: Not determined

Extinguishing media: Use dry chemical, foam or water spray.

Fire fighting measures: Self contained breathing apparatus and protective clothing should be worn infighting fires involving chemicals. Use water spray to keep exposed containers cool. Determine the need to evacuate or isolate area according to the local emergency plan.

Unusual fire hazards: None

Hazardous decomposition products: Thermal breakdown of this product during fire or very high heat conditions may evolve carbon oxides, silicon dioxide and formaldehyde.

**5. Accidental release information:**

Containment and cleanup: Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protection equipment recommendations described in section 5. For large spills provide diking or other appropriate containment to keep material from spreading.

Page 2 of 2 cont. MSDS

If diked material can be pumped, store recovered material in appropriate containers. Clean up remaining material from spill with suitable absorbent. Clean area affected well, since silicone material, even in small quantities present slip hazards. Final cleaning may require steam, solvents or detergents. Dispose of saturated absorbents or cleaning material appropriately, since spontaneous heating may occur. Local state and local laws may apply to releases and disposal of this material. You will need to determine which federal, state and local laws apply.

**6. Handling and storage**

Use with adequate ventilation. Avoid skin contact. Avoid breathing vapors, fumes, dusts or mist. Keep container closed. Do not take internally. Use reasonable care and store away from oxidizing materials.

**7. Exposure Controls**

**This product does not contain materials regulated under SARA Title III section 313**

**Engineering controls**

Local Ventilation: Recommended

General Ventilation: Recommended

**Personal Protective Equipment for routine handling**

Eyes: Use proper protection- Safety glasses with side shields- minimum.

Skin: Chemical protective gloves are recommended. Wash at meal and break times and at the end of shift.

Inhalation: Use respiratory protection, unless adequate ventilation is provided. Suitable

Respirator is an Organic vapor/dust/mist /fume type.

**Personal Protective Equipment for spills**

Eyes: Use full face respirator

Skin: Chemical protective gloves are recommended. Wash at meal and break times and at the end of shift.

If skin contact occurs change contaminated clothing and wash affected area thoroughly.

Inhalation: Use respiratory protection, unless adequate ventilation is provided. Suitable

Respirator is a full face respirator.

**8. Physical and chemical properties**

Flash point >201F or >93.9C

Boiling point 212F or 100C

Specific gravity .98 @25C

Percent volatile 45% (See certificate of analysis for exact % volatile content)

Vapor density: Not determined

pH: 7.0

Solubility in water: miscible

**9. Stability and Reactivity**

Chemically stability: Stable

Hazardous Polymerization: Will not occur

Materials to avoid: Keep away from materials that react with water. Keep away from strong oxidizing agents.

**10. This product does not contain materials regulated under SARA Title III section 313**

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