MATERIAL SAFETY DATA SHEET

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Where a proprietary ingredient is shown, the identity may be made available as provided in this standard.

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Emergency Phone
Chemtel – 800-255-3924
Contract #MIS0004752

Date: March 1, 2013

1. PRODUCT IDENTIFICATION

   Product Name: Morricite MVP 300 Hardener – Part B
   Common Name: Curing Agent

2. INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Wt %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>10 – 20</td>
<td>N/E</td>
<td>N/E</td>
</tr>
<tr>
<td>Modified Polyamine</td>
<td>Not Available</td>
<td>5 – 10</td>
<td>N/E</td>
<td>N/E</td>
</tr>
</tbody>
</table>

T.S.C.A. Status – OK on all above components.

3. PHYSICAL DATA

   Boiling Range: >100˚C (>212˚F)
   Color: Amber
   Appearance: Viscous liquid
   Water Solubility: > 10 g/l
   Odor: Ammonia odor
   Relative Density: 1.05
   Vapor Pressure: 15.04 mmHg at 21˚C (70˚F)
   Melting Point: < 10˚C (50˚F)

4. FIRE AND EXPLOSION HAZARD DATA

   Flash Point: 93.34˚ C
   Lower Explosive Limit: Not Determined
   Upper Explosive Limit: Not Determined
   Extinguishing Media: Foam, CO₂, dry chemical, water spray
   Special Fire Fighting Procedures: Wear full protective equipment including self-contained breathing apparatus. Irritating and/or toxic gases may be generated by fire.
   Unusual Fire & Explosion Hazards: Combustion products may be toxic. Cool storage containers with water spray to prevent pressure buildup, which could rupture containers. May generate carbon monoxide gas. May generate toxic nitrogen oxide gases. May generate ammonia gas. Personnel in vicinity and down-wind should be evacuated.

5. REACTIVITY DATA

   Stability: Stable
   Materials to Avoid: Sodium hypochlorite; organic acids (i.e. acetic acid, citric acid, etc.); mineral acids; reaction with peroxides may result in violent decomposition of peroxide possibly creating an explosion; oxidizing agents.
   Hazardous Decomposition Products: Carbon dioxide; carbon monoxide; nitrogen oxide; ammonia.
   Hazardous Polymerization: Will not occur
6. HEALTH HAZARD DATA

Inhalation: Can cause respiratory tract burns; risk of irritation and serious damage to the lungs, nose, and throat.
Eye Contact: Will cause irritation or eye burns. May cause blindness.
Skin Contact: Severe irritation and possible skin burns.
Ingestion: Severe burns to mouth and throat and danger of perforation of esophagus and the stomach.
Delayed effects (CHRONIC): Prolonged contact may result in chemical burns and permanent damage.
Carcinogenicity:
NTP: No
ACGIH: No
IARC: No
OSHA: No

Medical Conditions Generally Aggravated by Overexposure: Allergies, existing skin disorders, eye disease, asthma.

7. FIRST AID PROCEDURES

Eyes: Flush with water holding lids open for 15 minutes or more. Get medical attention promptly.
Skin: Remove contaminated clothing. Flush immediately with copious amounts of water. Maintain continuous irrigation until the patient received medical care.
Inhalation: Move person to fresh air if effects occur. If breathing has stopped or is labored, give assisted respiration. Consult physician.
Ingestion: Get medical attention immediately. Never give anything by mouth to an unconscious or convulsing person.

8. SAFE HANDLING AND USE

Released or Spilled: Wear protective clothing to prevent exposure. Stop spill and dike to prevent spreading. Cover spill with absorbent materials and collect into containers. Clean contaminated area with detergent and water or a steam cleaner for best results.
Waste Disposal Method: Dispose in accordance with all federal, state and local requirements.
Handling and Storage: Keep containers tightly closed in a dry, cool well-ventilated place. Do not store near acids.

9. EXPOSURE CONTROL AND PERSONAL PROTECTION

Respiratory Protection: Provide adequate exhaust ventilation and/or NIOSH approved amine cartridge respirator.
Protective Gloves: Neoprene gloves, polyvinyl alcohol gloves, impervious gloves.
Eye Protection: Wear full face shield with goggles underneath. Chemical resistant goggles.
Other Protective Clothing or Equipment: Impervious clothing, full rubber suit (rain gear), rubber or plastic boots, long sleeve shirts and trousers without cuffs, slicker suit.
Special Instructions: When using do not eat, drink or smoke. Discard contaminated leather articles. Remove contaminated clothing. Wash at the end of each work-shift and before eating, smoking or using the toilet.

10. TRANSPORTATION

DOT
Shipping Name: Amines, liquid corrosive, n.o.s., (Benzyliated polyamines)
UN No.: UN2735
Class: 8
Packing Group: III
Label: Corrosive
Sub Label: None
IATA

Shipping Name: Amines, liquid corrosive, n.o.s., (Benzylated polyamines)
UN No.: UN2735
Class: 8
Packing Group: III
Label: Corrosive

IMDG

Shipping Name: Amines, liquid corrosive, n.o.s., (Benzylated polyamines)
UN No.: UN2735
Class: 8
Packing Group: III
Label: Corrosive

11. ADDITIONAL INFORMATION

HMIS Ratings:

Health: 3
Flammability: 1
Reactivity: 0
Personal Protection: D

DISCLAIMER SECTION

The information contained herein is to the best of our knowledge and belief, accurate. However, since data, safety standards, and government regulations are subject to change; and the conditions of handling and use (or misuse) are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use (or misuse) of this material. The customer has the obligation to determine suitability of product for the intended purpose, and to comply with applicable Federal, State and Local laws and regulations.

End of MSDS