SECTION 1: PRODUCT & COMPANY IDENTIFICATION

1.1 Product Identifiers

Product Name: NANOMYTE® MEND 1000 (Part B)
CAS Number: A CAS number has not been assigned to this material

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

This product is intended for use as a self-healing coating for plastics, metals, and other surfaces.

1.3 Details of the Supplier of the Safety Data Sheet

Company: NEI Corporation
Address: 400 Apgar Drive, Unit E | Somerset, NJ 08873 – USA
Phone: +1 (732) 868-3141 Fax: +1 (732) 868-3143
Email: productinfo@neicorporation.com

1.4 Emergency Telephone Numbers

Manufacturer: +1 (732) 868-3142 (9am to 6pm EST / UTC -0500)
U.S. Poison Control Center: +1 (800) 222-1222
ChemTel (North America): +1 (800) 255-3924 (during transportation only)
ChemTel (International): +1 (813) 248-0585 (during transportation only – collect calls accepted)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Flammable liquids (Category 2), H225
Aspiration hazard (Category 1), H304
Skin irritation (Category 2), H315
Skin sensitization (Category 1), H317
Eye irritation (Category 2A), H319
Acute toxicity, Inhalation (Category 4), H332
Respiratory sensitization (Category 1), H334
Specific target organ toxicity - single exposure (Category 3), Respiratory system, H335
Specific target organ toxicity - single exposure (Category 3), Central nervous system, H336
Reproductive toxicity (Category 2), H361
Specific target organ toxicity - repeated exposure (Category 2), H373
Chronic aquatic toxicity (Category 2), H411

2.2 GHS Label elements, including precautionary statements

Pictogram(s):

Signal Word: Danger

Hazard Statement(s):

H225 Highly flammable liquid and vapor
H304 May be fatal if swallowed and enters airways
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H332 Harmful if inhaled
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335 May cause respiratory irritation
H361 May cause drowsiness or dizziness
H366 Suspected of damaging fertility or the unborn child
H373 May cause damage to organs through prolonged or repeated exposure
H411 Toxic to aquatic life with long lasting effects

Precautionary Statement(s):

P202 Do not handle until all safety precautions have been read and understood
P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment
P241 Use explosion-proof electrical/ventilating/lighting/equipment
P242 Use only non-sparking tools
P243 Take precautionary measures against static discharge
P246 Do not breathe dust/fume/gas/mist/vapors/spray
P261 Wash hands thoroughly after handling
P271 Use only outdoors or in a well-ventilated area
P273 Avoid release to the environment
P280 Wear protective gloves/protective clothing/eye protection/face protection

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P303 + P361 + P353 IF ON SKIN (or hair): Immediately remove all contaminated clothing. Rinse skin with water/shower.
P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313 IF exposed or concerned: Get medical advice/attention
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P313 Do NOT induce vomiting
P313 + P332 + P313 IF SKIN irritation occurs: Get medical advice/attention
P337 + P313 IF eye irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up
P501 Dispose of contents/ container to an approved waste disposal plant.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS
Repeated exposure may cause skin dryness or cracking (n-Butyl Acetate)

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

<table>
<thead>
<tr>
<th>Component Name</th>
<th>Formula</th>
<th>CAS #</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene</td>
<td>C₇H₈</td>
<td>108-88-3</td>
<td>&gt; 40%</td>
</tr>
<tr>
<td>n-Butyl Acetate</td>
<td>C₆H₁₂O₂</td>
<td>123-86-4</td>
<td></td>
</tr>
<tr>
<td>1,2,4-trimethylbenzene</td>
<td>C₉H₁₂</td>
<td>95-63-6</td>
<td></td>
</tr>
<tr>
<td>1,6-Hexamethylene Diisocyanate</td>
<td>(C₆H₁₂N₂O₂)ₓ</td>
<td>28182-81-2</td>
<td>&gt; 30%</td>
</tr>
<tr>
<td>Homopolymer (HDIH)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trade Secret Ingredients</td>
<td>n/a</td>
<td>n/a</td>
<td>&gt; 10%</td>
</tr>
<tr>
<td>Residual Diisocyanate Monomer</td>
<td>n/a</td>
<td>n/a</td>
<td>&lt; 0.1%</td>
</tr>
<tr>
<td>Content</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures

General Advice:
Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

After Inhalation:
If breathed in, remove person to fresh air and keep comfortable for breathing. If not breathing, give artificial respiration. Call a POISON CENTER or doctor/physician if you feel unwell.

After Skin Contact:
Immediately remove all contaminated clothing. Rinse skin with copious amounts of water/shower. Seek medical attention if irritation develops.

After Eye Contact:
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

After Ingesting:
Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Call a POISON CENTER or doctor/physician IF you feel unwell.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

The most important known symptoms and effects are described in section 2 and/or in section 11.

4.3 Indication of any Immediate Medical Attention and Special Treatment Needed

No further information available

SECTION 5: FIREFIGHTING MEASURES

5.1 Suitable Extinguishing Media
Use water spray, foam, dry chemical, or CO2

5.2 Special Hazards Arising from the Substance or Mixture
Carbon oxides - nature of all decomposition products not known

5.3 Advice for Firefighters
Wear full protective clothing and self-contained breathing apparatus approved for firefighting. Do not breathe smoke, gases, or vapors generated.

5.4 Other Information
Under fire conditions, material may decompose to form flammable and/or explosive mixtures in air. Use water spray to cool unopened containers.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment, and Emergency Procedures
Use personal protective equipment. Ensure adequate ventilation. Avoid breathing vapors, mist, or gas. Keep unprotected persons away. Eliminate all sources of ignition or overheating. Beware of vapors accumulating to form explosive concentrations. Notify management. Control source of the leak. Contain the spill to prevent spread into drains, sewers, water supplies, or soil. Ventilate area and wash spill site after material pickup is complete.

6.2 Environmental Precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3 Methods and Materials for Containment and Cleaning Up
Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

6.4 Reference to Other Sections
For personal protection, see section 8. For disposal see Section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling
Appropriate personal protective equipment should be used at all times. Provide good ventilation or extraction. Avoid prolonged or repeated breathing of vapor. Avoid contact with eyes, skin, and clothing. Wash hands thoroughly after
handling. Use explosion-proof equipment. Keep away from heat, sparks, flames and other sources of ignition – no smoking. Take measures to prevent the buildup of electrostatic charge. For precautions see section 2.2.

7.2 Conditions for Safe Storage (including any incompatibilities)

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Residual vapors might explode on ignition. Do not apply heat, cut, drill, and grind or weld on or near this container. Storage class (TRGS 510): Flammable liquids

7.3 Specific End Uses

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Components with workplace control parameters

<table>
<thead>
<tr>
<th>Component Name</th>
<th>CAS #</th>
<th>Value</th>
<th>OSHA (PEL)</th>
<th>ACGIH (TLV)</th>
<th>NIOSH (REL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene</td>
<td>108-88-3</td>
<td>TWA</td>
<td>200 ppm</td>
<td>20 ppm (75 mg/m³)</td>
<td>100 ppm (375 mg/m³)</td>
</tr>
<tr>
<td>n-Butyl Acetate</td>
<td>123-86-4</td>
<td>TWA</td>
<td>150 ppm</td>
<td>150 ppm</td>
<td>150 ppm</td>
</tr>
<tr>
<td>1,2,4-Trimethylbenzene</td>
<td>95-63-6</td>
<td>TWA</td>
<td>n/a</td>
<td>25 ppm</td>
<td>25 ppm (710 mg/m³)</td>
</tr>
</tbody>
</table>

Notes: PEL – Permissible Exposure Limit; TLV – Threshold Limit Values; REL – Recommended Exposure Limits

8.2 Exposure Controls

Appropriate Engineering Controls

Handle in accordance with good industrial hygiene and safety practice. Keep away from food and beverages. Provide good ventilation or extraction. Safety shower and eye bath recommended. Wash hands before breaks & after workday.

Personal Protective Equipment

Respiratory Protection:
Where risk assessment shows air-purifying respirators are appropriate, use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Eye / Face Protection:

Face shield and/or safety glasses should be worn. Use eye protection equipment that is tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Hand Protection:

Handle with chemical resistant gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove’s outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands after use.

Skin and Body Protection:

Complete suit protecting against chemicals; the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Control of Environmental Exposure

Toxic to aquatic life with long lasting effects. Prevent further leakage or spillage and do not let product enter drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties (of components with known values)

<table>
<thead>
<tr>
<th>Components</th>
<th>Toluene</th>
<th>n-Butyl Acetate</th>
<th>1,2,4-TriMB</th>
<th>HDIHI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form:</td>
<td>Liquid</td>
<td>Liquid</td>
<td>Liquid</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color:</td>
<td>Colorless</td>
<td>Colorless</td>
<td>Colorless</td>
<td>Light yellow</td>
</tr>
<tr>
<td>Odor:</td>
<td>Sweet, pungent</td>
<td>Fruity</td>
<td>Aromatic</td>
<td>Odorless</td>
</tr>
<tr>
<td>pH (20 °C):</td>
<td>No Data Available</td>
<td>6.2 at ca.5 g/l</td>
<td>No data available</td>
<td>No data Available</td>
</tr>
<tr>
<td>Melting Point / Range:</td>
<td>-95 °C (-139 °F)</td>
<td>-78 °C (-108.4 °F)</td>
<td>-44 °C (-47.2 °F)</td>
<td>No Data Available</td>
</tr>
</tbody>
</table>
(cont.)

<table>
<thead>
<tr>
<th></th>
<th><strong>Toluene</strong></th>
<th><strong>n-Butyl Acetate</strong></th>
<th><strong>1,2,4-TriMB</strong></th>
<th><strong>HDIH</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Freezing Point / Range:</td>
<td>-59.4 °C (-74.9 °F)</td>
<td>-107 °C (-160.6 °F)</td>
<td>-60.6 °C (-77 °F)</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Boiling Point / Range:</td>
<td>111 °C (232 °F)</td>
<td>126.1 °C (259 °F)</td>
<td>169.4 °C (337 °F)</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Flashpoint:</td>
<td>4 °C (39.2 °F)</td>
<td>23 °C (73 °F)</td>
<td>44.4 °C (112 °F)</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Evaporation Rate:</td>
<td>No Data Available</td>
<td>No Data Available</td>
<td>No Data Available</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Flammability (solid, gas):</td>
<td>No Data Available</td>
<td>No Data Available</td>
<td>No Data Available</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Upper Explosion Limit:</td>
<td>7.1 % (V)</td>
<td>7.6 % (V)</td>
<td>6.4 % (V)</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Lower Explosion Limit:</td>
<td>1.1 % (V)</td>
<td>1.7 % (V)</td>
<td>0.9 % (V)</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Vapor Pressure:</td>
<td>2.8 kPa (@ 20 °C)</td>
<td>1.2 kPa (@ 20 °C)</td>
<td>1 mmHg (@ 56°F)</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Vapor Density:</td>
<td>3.2 (Air = 1)</td>
<td>4.0 (Air = 1)</td>
<td>4.1 (Air = 1)</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Relative Density:</td>
<td>0.87 g/mL</td>
<td>0.88 g/cm³</td>
<td>0.876 g/cm³</td>
<td>1.130 g/cm³</td>
</tr>
<tr>
<td>Water Solubility:</td>
<td>0.52 g/l @ 20 °C</td>
<td>5.3 g/l @ 20 °C</td>
<td>0.057 g/l @ 25 °C</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Auto-ignition Temperature:</td>
<td>480 °C (896 °F)</td>
<td>370 °C (698 °F)</td>
<td>500 °C (932 °F)</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Decomposition Temperature:</td>
<td>No Data Available</td>
<td>No Data Available</td>
<td>No Data Available</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Viscosity:</td>
<td>0.590 cP (@ 20 °C)</td>
<td>0.685 cP (@ 25 °C)</td>
<td>No Data Available</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Explosive Properties:</td>
<td>No Data Available</td>
<td>No Data Available</td>
<td>No Data Available</td>
<td>No Data Available</td>
</tr>
</tbody>
</table>

9.2 Other Information
None

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity
Contact with moisture, other materials that react with isocyanates, or temperatures above 350 °F (177 °C), may cause polymerization.

10.2 Chemical Stability
Stable under recommended storage conditions (see Section 7.2)

10.3 Possibility of Hazardous Reactions
Vapors may form explosive mixture with air

10.4 Conditions to Avoid
Heat, flames and sparks.

10.5 Incompatible Materials
Water, strong bases, strong oxidizing agents, metals, amines, alcohols, surface active materials, strong reducing agents, nitric acid

10.6 Hazardous Decomposition Products
No data available – in case of fire, see Section 5

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects (of components with known values)

<table>
<thead>
<tr>
<th></th>
<th><strong>Toluene</strong></th>
<th><strong>n-Butyl Acetate</strong></th>
<th><strong>1,2,4-TriMB</strong></th>
<th><strong>HDIH</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral LD50:</td>
<td>5,580 mg/kg (Rat)</td>
<td>10,760 mg/kg (Rat)</td>
<td>5 g/kg (Rat)</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Inhalation LC50:</td>
<td>12,500 - 28,800 mg/m³ (Rat - 4h)</td>
<td>21 mg/l (Rat - 4h)</td>
<td>18 gm/m³ (Rat - 4 h)</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Dermal LD50:</td>
<td>12,196 mg/kg (Rabbit)</td>
<td>14,112 mg/kg (Rabbit)</td>
<td>No Data Available</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Skin – Rabbit (24h) Result: Skin irritation</td>
<td>Skin – Rabbit (4h) Result: No skin irritation</td>
<td>No Data Available</td>
<td>No Data Available</td>
</tr>
</tbody>
</table>
**Serious eye damage/eye irritation**

<table>
<thead>
<tr>
<th>Compound</th>
<th>Eyes – Rabbit</th>
<th>Eyes – Rabbit</th>
<th>1,2,4-TriMB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene</td>
<td>Result: No eye irritation</td>
<td>Result: No eye irritation</td>
<td>No Data Available</td>
</tr>
<tr>
<td>n-Butyl Acetate</td>
<td>Result: No eye irritation</td>
<td>Result: No eye irritation</td>
<td>No Data Available</td>
</tr>
</tbody>
</table>

**Respiratory or skin sensitization**

<table>
<thead>
<tr>
<th>Compound</th>
<th>No Data Available</th>
<th>No Data Available</th>
<th>No Data Available</th>
</tr>
</thead>
</table>

**Germ cell mutagenicity**

<table>
<thead>
<tr>
<th>Compound</th>
<th>Rat - Liver</th>
<th>S. typhimurium</th>
<th>S. typhimurium</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene</td>
<td>DNA damage</td>
<td>Result: negative</td>
<td>Result: negative</td>
</tr>
</tbody>
</table>

**Carcinogenicity**

- **IARC:** 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Toluene)
- **ACGIH:** No component of this product (present at levels greater than or equal to 0.1%) is identified as a carcinogen or potential carcinogen by ACGIH.
- **NTP:** No component of this product (present at levels greater than or equal to 0.1%) is identified as a known or anticipated carcinogen by NTP.
- **OSHA:** No component of this product (present at levels greater than or equal to 0.1%) is identified as a carcinogen or potential carcinogen by OSHA.

**Reproductive toxicity**

- **Toluene**
  - Damage to fetus possible - Suspected human reproductive toxicant
  - Reproductive toxicity - Rat - Inhalation
  - Paternal Effects: Spermatogenesis (including genetic material, sperm morphology, motility, and count).
  - Experiments have shown reproductive toxicity effects in male and female laboratory animals.
  - Developmental Toxicity - Rat - Oral
  - Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus).

- **n-Butyl Acetate**
  - No data available
  - Developmental Toxicity - Rat - Inhalation
  - No adverse effect has been observed in chronic toxicity tests.

**Teratogenicity**

No Data Available

**Specific target organ toxicity - single exposure (Globally Harmonized System)**

- **Toluene:** Eyes, Respiratory Tract, Central Nervous System
- **n-Butyl Acetate:** Eyes, Respiratory Tract, Central Nervous System
- **1,2,4-trimethylbenzene:** Eyes, Skin, Respiratory Tract, Central Nervous System

**Specific target organ toxicity - repeated exposure (Globally Harmonized System)**

- **Toluene:** Skin, Central Nervous System
- **n-Butyl Acetate:** Defats skin
- **1,2,4-trimethylbenzene:** Skin, Lungs, Respiratory Tract, Central Nervous System, Blood

**Aspiration hazard**

- **Toluene:** May be fatal if swallowed and enters airways.
- **1,2,4-trimethylbenzene:** Aspiration into the lungs may result in chemical pneumonitis.

**Additional Information**

- **Toluene** (RTECS: XS5250000)
  - Lung irritation, chest pain, pulmonary edema, Inhalation studies on toluene have demonstrated the development of inflammatory and ulcerous lesions of the penis, prepuce, and scrotum in animals., Central nervous system
  - Stomach - Irregularities - Based on Human Evidence

- **n-Butyl Acetate** (RTECS: AF7350000)
  - Repeated dose toxicity - Rat - male and female - inhalation (vapour) - NOAEL : 2.4 mg/l

- **1,2,4-trimethylbenzene** (RTECS: DC3325000)
  - Irritation eyes, skin, nose, throat, respiratory system; bronchitis; hypochromic anemia; headache, drowsiness, lassitude
To the best of our knowledge, the chemical, physical, & toxicological properties have not been thoroughly investigated.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity (of components with known values)

**Toluene**
- Toxicity to fish (LC50): Oncorhynchus mykiss (rainbow trout) - 7.63 mg/l - 96 h
- Toxicity to daphnia and other aquatic invertebrates (EC50):
  - Immobilization: Daphnia magna (Water flea) - 6 mg/l - 48 h
  - Toxicity to algae (EC50):
    - Chlorella vulgaris (Fresh water algae) - 245.00 mg/l - 24 h
    - Pseudokirchneriella subcapitata (green algae) - 10.00 mg/l - 24 h

**n-Butyl Acetate**
- Toxicity to fish (LC50): Flow-Through Test - Pimephales promelas (fathead minnow) - 18 mg/l - 96h
- Toxicity to daphnia and other aquatic invertebrates (EC50):
  - Static Test - Daphnia (water flea) - 44 mg/l - 48 h
  - Toxicity to algae (EC50):
    - Static Test - Desmodesmus subspicatus (Scenedesmus subspicatus) - 674.7 mg/l - 72 h

**1,2,4-trimethylbenzene**
- Toxicity to fish (LC50): Salmo gairdneri - 100 - 180 mg/l - 96 h (OECD Test Guideline 203)
- Toxicity to daphnia and other aquatic invertebrates (EC50):
  - Static Test - Daphnia magna (Water flea) - > 500 mg/l - 48 h
- Toxicity to algae (EC50): No Data Available

12.2 Persistence and Degradability


**n-Butyl Acetate**: Aerobic - Exposure time 28 d | Result: 83% - Readily biodegradable

12.3 Bioaccumulative Potential

**Toluene**: Leuciscus idus (Golden orfe) - 3 d - 0.05 mg/l | Bioconcentration factor (BCF): 90

12.4 Mobility in Soil

No Data Available

12.5 Results of PBT and vPvB Assessment

PBT/vPvB assessment not available as chemical safety assessment not conducted

12.6 Other Adverse Effects

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life with long lasting effects.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Product: Waste disposal should be in accordance with existing federal, state and local environmental control laws. Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated Packaging: Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION

14.1 Department of Transportation (DOT - US)

UN number: 1866
Class: 3
Packing Group: II
Proper Shipping Name: Resin Solution

14.2 International Maritime Dangerous Goods (IMDG)

UN number: 1866
Class: 3
Packing Group: II
Proper Shipping Name: Resin Solution

14.3 International Air Transport Association (IATA)
UN number: 1866  
Class: 3  
Packing Group: II  
Proper Shipping Name: Resin Solution  

14.4 Other  
HS Code (first 6 digits) / HTS-US #: 3208.90.0000

SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
The following components are subject to reporting levels established by SARA Title III, Section 313:

<table>
<thead>
<tr>
<th>Component Name</th>
<th>CAS #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene</td>
<td>108-88-3</td>
</tr>
<tr>
<td>1,2,4-trimethylbenzene</td>
<td>95-63-6</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazards

<table>
<thead>
<tr>
<th>Component Name</th>
<th>CAS #</th>
<th>Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;HDIIH&quot;</td>
<td>28182-81-2</td>
<td>Acute Health Hazard, Chronic Health Hazard</td>
</tr>
<tr>
<td>Toluene</td>
<td>108-88-3</td>
<td>Fire Hazard, Acute Health Hazard, Chronic Health Hazard</td>
</tr>
<tr>
<td>n-Butyl Acetate</td>
<td>123-86-4</td>
<td>Fire Hazard, Chronic Health Hazard</td>
</tr>
<tr>
<td>1,2,4-trimethylbenzene</td>
<td>95-63-6</td>
<td>Fire Hazard, Acute Health Hazard</td>
</tr>
</tbody>
</table>

The following product components are cited on the lists below:

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>List Citations</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;HDIIH&quot;</td>
<td>28182-81-2</td>
<td>NJ, PA Right to Know</td>
</tr>
<tr>
<td>Toluene</td>
<td>108-88-3</td>
<td>MA, NJ, PA Right to Know</td>
</tr>
<tr>
<td>n-Butyl Acetate</td>
<td>123-86-4</td>
<td>MA, NJ, PA Right to Know</td>
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<td>1,2,4-trimethylbenzene</td>
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<td>MA, NJ, PA Right to Know</td>
</tr>
</tbody>
</table>

CALIFORNIA PROPOSITION 65

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

<table>
<thead>
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<th>CAS #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene</td>
<td>108-88-3</td>
</tr>
</tbody>
</table>

15.2 Chemical Safety Assessment
A chemical safety assessment was not carried out for this product

SECTION 16: OTHER INFORMATION

REACH Number
A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

HMIS Classification

<table>
<thead>
<tr>
<th>Health Hazard</th>
<th>Flammability Hazard</th>
<th>Physical Hazard</th>
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<td>2</td>
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<td>1</td>
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</table>

NFPA Rating

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<tr>
<th>Health Hazard</th>
<th>Flammability Hazard</th>
<th>Reactivity Hazard</th>
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<tbody>
<tr>
<td>2</td>
<td>2</td>
<td>1</td>
</tr>
</tbody>
</table>

Further Information
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