MATERIAL SAFETY DATA SHEET
In compliance with OSHA 29 CFR 1910.1200
N.a.p means Not Applicable NIA means No Information Available
DATE PREPARED: 04-21-92
Prepared By: J. Partington

SECTION I - PRODUCT IDENTIFICATION
PRODUCT NUMBER: 3301/1349
PRODUCT NAME: Belzona 4151 Solidifier
PRODUCT CLASS: Modified polyamine

SECTION II - HAZARDOUS INGREDIENTS / TOXICOLOGICAL DATA

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>% by Weight</th>
<th>CAS Number</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>LD50/mg/Kg</th>
<th>LC50/ppm</th>
<th>Toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRIMETHYLETHA-</td>
<td>10-30</td>
<td>25620-58-0</td>
<td>NIA</td>
<td>NIA</td>
<td>NIA</td>
<td>NIA</td>
<td>NIA</td>
</tr>
<tr>
<td>METHYLE DIAMINES</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M-XYLENE DIAMINE</td>
<td>10-30</td>
<td>1477-55-0</td>
<td>0.1 N.a.p</td>
<td>0.1</td>
<td>1600</td>
<td>2000</td>
<td>700/1H</td>
</tr>
<tr>
<td>p-TERT-BUTYL PHENOL</td>
<td>30-60</td>
<td>90-54-4</td>
<td>NIA</td>
<td>NIA</td>
<td>NIA</td>
<td>NIA</td>
<td>NIA</td>
</tr>
</tbody>
</table>

CARCINOGENICITY
No data is available for the mixture, however, none of the ingredients are listed as carcinogens by OSHA, NTP, ACGIH or IARC.

SECTION III - PHYSICAL DATA

APPEARANCE AND ODOR: Pale yellow liquid with amine odor.
BOILING POINT: NIA
SPECIFIC GRAVITY: 1.12
VAPOR DENSITY: NIA
VAPOR PRESSURE: NIA
EVAPORATION RATE: NIA

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 130°C
EXPLOSION LIMITS: LOWER: NIA
TEST METHOD: Pensky-Martens closed cup
UPPER: NIA

OSHA FLAMMABILITY CLASS: N.a.p
FLAMMABILITY INDEX (NFFA): 1 Slight
REACTIVITY INDEX (NFFA): 1 Slight
HEALTH HAZARD (NFFA): 3 Serious

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EXTINGUISHING MEDIA: Water fog (not a direct stream of water); foam; carbon dioxide, dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: 
Wear protective clothing and use self-contained breathing apparatus. Full bunker gear should be worn in extreme cases. Use sand to contain burning material.

UNUSUAL FIRE AND EXPLOSION HAZARDS: 
Decomposition and combustion products may be hazardous.

SECTION V - HEALTH HAZARDS

ROUTE(S) OF ENTRY: Skin contact, skin absorption, eye contact.
PRIME HAZARD(S): Corrosive.

EFFECTS OF EXPOSURE: 
Acute: Causes burns to skin, eyes and mucous membranes. Vapors can cause irritation of eyes and respiratory tract.
Chronic: Chemical burns and sensitization. May cause depigmentation of the skin ('occupational vitiligo' or leucoderma).

EMERGENCY AND FIRST AID PROCEDURES: 
Inhalation: If symptoms are experienced, remove source of contamination and/or move victim to fresh air. If recovery is delayed or there are signs of distress obtain medical attention immediately.

Eye contact: Flush eyes with water for 15 minutes. Immediate first aid is necessary to prevent eye damage. Seek medical advice if any irritation persists.

Skin contact: Immediately remove excess with a clean cloth and wash thoroughly with soap and water. If irritation or inflammation persists, seek medical advice.

Ingestion: If swallowed, do not induce vomiting. Rinse mouth with water and drink 1 cup of water every 10 minutes for 30 minutes. Call TAMPA BAY Regional Poison Center (Tel.No.1-800-282-3171) and/or seek medical advice.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: 
Skin, eye and respiratory conditions.

SECTION VI - REACTIVITY DATA

STABILITY: Stable
STABILITY CONDITIONS TO AVOID: N.a.p

INCOMPATIBILITY (MATERIALS TO AVOID CONTACT WITH): 
Strong oxidizing agents, acids and epoxy resins in uncontrolled conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: 
Gaseous combinations of carbon, hydrogen, nitrogen and oxygen may occur at elevated temperatures.

HAZARDOUS POLYMERIZATION: 
Hazardous polymerization will not occur when stored and used as directed.

POLYMERIZATION CONDITIONS TO AVOID: N.a.p

SECTION VII - SPILL AND LEAK PROCEDURES

SPILLAGE: 
Absorb with an inert material (eg earth or sand). Sweep up, place into suitable labelled containers, seal and dispose of properly. Flush area with detergent and water.

WASTE DISPOSAL METHODS: 
Dispose of in accordance with Local, State and Federal Regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

PERSONAL PROTECTIVE MEASURES: 
RESPIRATORY: In confined areas or where good natural/mechanical ventilation is not available, leading to a risk of exceeding the TLV's indicated, an appropriate NIOSH or MSHA approved respirator should be worn.

SKIN: Impermeable gloves, such as Neoprene or PVC. Wash hands with soap and water and use hand cream. Suitable protective clothing to minimise skin contact. Remove contaminated clothing and wash before reuse.

EYE: Safety glasses or goggles. Eyewash station.

MECHANICAL PROTECTIVE MEASURES: 
VENTILATION: Where adequate natural ventilation is not available provide suitable local exhaust ventilation.

OTHER PROTECTIVE EQUIPMENT: 
Where there is a risk of contamination of footwear, safety boots should be worn and cleaned thoroughly before reuse.

OTHER COMMENTS: 
Where machining or abrading of cured material leads to the production of respirable and/or nuisance dust, an appropriate NIOSH or MSHA approved respirator should be worn.