SAFETY DATA SHEET
MYT-Platinum Part B

1. Identification

Product identifier

Product name MYT-Platinum Part B

Recommended use of the chemical and restrictions on use

Application Two component epoxy based adhesive. Hardener.

Details of the supplier of the safety data sheet

Supplier H&B
30 Rasons Court
Hauppauge, NY 11788
631-234-0600
weanchor@h-b.com
www.h-b.com

Emergency telephone number

Emergency telephone 24-hour emergency call Chemtrec: (800) 255-3924

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Acute Tox. 4 - H302 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Skin Sens. 1 - H317

Human health Corrosive. Prolonged contact causes serious eye and tissue damage.

Environmental The product contains a substance which may have hazardous effects on the environment.

Label elements

Hazard symbols

Signal word Danger

Hazard statements H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
MYT-Platinum Part B

Precautionary statements

P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501 Dispose of contents/ container in accordance with national regulations.

Contains

1,3-CYCLOHEXANE BIS (METHYLAMINE), STYRENATED PHENOL, SALICYLIC ACID, 1,3-BENZENEDIAMINE

3. Composition/Information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,3-CYCLOHEXANE BIS (METHYLAMINE)</td>
<td>20-50%</td>
</tr>
<tr>
<td>CAS number: 2579-20-6</td>
<td></td>
</tr>
<tr>
<td>STYRENATED PHENOL</td>
<td>5-10%</td>
</tr>
<tr>
<td>CAS number: 61788-44-1</td>
<td></td>
</tr>
<tr>
<td>SALICYLIC ACID</td>
<td>5-10%</td>
</tr>
<tr>
<td>CAS number: 69-72-7</td>
<td></td>
</tr>
<tr>
<td>1,3-BENZENEDIAMINE</td>
<td>1-5%</td>
</tr>
<tr>
<td>CAS number: 1477-55-0</td>
<td></td>
</tr>
</tbody>
</table>

4. First-aid measures

Description of first aid measures

Inhalation
Remove affected person from source of contamination. Get medical attention if any discomfort continues.

Ingestion
DO NOT induce vomiting. Get medical attention immediately.

Skin Contact
Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

Eye contact
Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

Most important symptoms and effects, both acute and delayed

Inhalation
Irritation of nose, throat and airway.

Ingestion
May cause stomach pain or vomiting.

Skin contact
Burning pain and severe corrosive skin damage. Blistering may occur. Chemical burns.

Eye contact
May cause blurred vision and serious eye damage.

Indication of immediate medical attention and special treatment needed

Notes for the doctor
No specific recommendations. If in doubt, get medical attention promptly.

5. Fire-fighting measures

Extinguishing media
**MYT-Platinum Part B**

**Suitable extinguishing media**
Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.

**Unsuitable extinguishing media**
DO NOT use water if avoidable.

**Special hazards arising from the substance or mixture**

**Specific hazards**
No unusual fire or explosion hazards noted.

**Hazardous combustion products**

**Advice for firefighters**

**Protective actions during firefighting**
No specific firefighting precautions known.

**Special protective equipment for firefighters**
Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. **Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions**
Wear protective clothing as described in Section 8 of this safety data sheet.

**Environmental precautions**

**Environmental precautions**
Collect and dispose of spillage as indicated in Section 13. Contain spillage with sand, earth or other suitable non-combustible material. Avoid discharge into drains or watercourses or onto the ground.

**Methods and material for containment and cleaning up**

**Methods for cleaning up**
Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.

**Reference to other sections**
For personal protection, see Section 8. Collect and dispose of spillage as indicated in Section 13.

7. **Handling and storage**

**Precautions for safe handling**

**Usage precautions**
Avoid contact with skin. Avoid contact with eyes. Do not empty into drains.

**Advice on general occupational hygiene**
Do not eat, drink or smoke when using this product. No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

**Conditions for safe storage, including any incompatibilities**

**Storage precautions**
Keep away from food and drink. Keep container closed when not in use.

**Specific end use(s)**
The identified uses for this product are detailed in Section 1.

8. **Exposure controls/Personal protection**

**Control parameters**

**Occupational exposure limits**

**1,3-BENZENEDIMETHANAMINE**
Ceiling exposure limit: ACGIH 0.1 mg/m³
Sk
MYT-Platinum Part B

ACGIH = American Conference of Governmental Industrial Hygienists.
Sk = Danger of cutaneous absorption.

Exposure controls

Protective equipment

Appropriate engineering controls
Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection
The following protection should be worn: Tight-fitting safety glasses. Contact lenses should not be worn when working with this chemical.

Hand protection
Wear protective gloves made of the following material: Nitrile rubber.

Other skin and body protection
Avoid contact with skin. Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures
Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Use engineering controls to reduce air contamination to permissible exposure level.

Respiratory protection
If ventilation is inadequate, suitable respiratory protection must be worn.

Environmental exposure controls
Keep container tightly sealed when not in use. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

9. Physical and chemical properties

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Buff.</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic. Amine.</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not determined.</td>
</tr>
<tr>
<td>pH</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Melting point</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Initial boiling point and range</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt;100°C Closed cup. Literature</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Evaporation factor</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Upper/lower flammability or</td>
<td>Not determined.</td>
</tr>
<tr>
<td>explosive limits</td>
<td></td>
</tr>
<tr>
<td>Other flammability</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Vapor density</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.4 - 1.5</td>
</tr>
</tbody>
</table>
**MYT-Platinum Part B**

<table>
<thead>
<tr>
<th>Property</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bulk density</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Solubility(ies)</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>Partition coefficient</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>Auto-ignition temperature</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>Decomposition Temperature</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>Viscosity</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>Explosive properties</strong></td>
<td>No information available.</td>
</tr>
<tr>
<td><strong>Explosive under the influence of a flame</strong></td>
<td>Not considered to be explosive.</td>
</tr>
<tr>
<td><strong>Oxidizing properties</strong></td>
<td>Does not meet the criteria for classification as oxidizing.</td>
</tr>
</tbody>
</table>

**10. Stability and reactivity**

<table>
<thead>
<tr>
<th>Subsection</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Stability</strong></td>
<td>Stable at normal ambient temperatures and when used as recommended.</td>
</tr>
<tr>
<td><strong>Possibility of hazardous reactions</strong></td>
<td>The following materials may react with the product: Acids. Epoxides. Oxidizing agents. Peroxides.</td>
</tr>
<tr>
<td><strong>Conditions to avoid</strong></td>
<td>Stable. However, may decompose if heated.</td>
</tr>
<tr>
<td><strong>Materials to avoid</strong></td>
<td>Acids. Epoxides. Oxidizing agents. Peroxides.</td>
</tr>
<tr>
<td><strong>Hazardous decomposition products</strong></td>
<td>Oxides of carbon. Oxides of nitrogen.</td>
</tr>
</tbody>
</table>

**11. Toxicological Information**

**Information on toxicological effects**

<table>
<thead>
<tr>
<th>Subsection</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Acute toxicity - oral</strong></td>
<td></td>
</tr>
<tr>
<td>ATE oral (mg/kg)</td>
<td>1,244.54</td>
</tr>
<tr>
<td><strong>Acute toxicity - dermal</strong></td>
<td></td>
</tr>
<tr>
<td>ATE dermal (mg/kg)</td>
<td>3,234.71</td>
</tr>
<tr>
<td><strong>Acute toxicity - inhalation</strong></td>
<td></td>
</tr>
<tr>
<td>ATE inhalation (dusts/mists mg/l)</td>
<td>58.23</td>
</tr>
<tr>
<td><strong>Skin sensitization</strong></td>
<td></td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>Sensitizing.</td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td></td>
</tr>
<tr>
<td>Ingestion</td>
<td>May cause stomach pain or vomiting.</td>
</tr>
<tr>
<td><strong>Skin Contact</strong></td>
<td>May cause sensitisation by skin contact. May cause serious chemical burns to the skin.</td>
</tr>
<tr>
<td><strong>Eye contact</strong></td>
<td>Risk of serious damage to eyes. May cause chemical eye burns.</td>
</tr>
</tbody>
</table>
MYT-Platinum Part B

Acute and chronic health hazards
May cause sensitisation by skin contact. Causes severe burns.

Route of exposure
Skin and/or eye contact Inhalation

Target Organs
No specific target organs known.

Medical Symptoms
Symptoms following overexposure may include the following: Chemical burns.

Toxicological information on ingredients.

1,3-CYCLOHEXANEBIS(METHYLAMINE)

<table>
<thead>
<tr>
<th>Acute toxicity - oral</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity oral (LD₅₀ mg/kg)</td>
<td>700.0</td>
</tr>
<tr>
<td>Species</td>
<td>Rat</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Acute toxicity - dermal</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity dermal (LD₅₀ mg/kg)</td>
<td>1,700.0</td>
</tr>
<tr>
<td>Species</td>
<td>Rabbit</td>
</tr>
</tbody>
</table>

STYRENATED PHENOL

<table>
<thead>
<tr>
<th>Acute toxicity - oral</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity oral (LD₅₀ mg/kg)</td>
<td>2,000.0</td>
</tr>
<tr>
<td>Species</td>
<td>Rat</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Acute toxicity - dermal</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity dermal (LD₅₀ mg/kg)</td>
<td>2,000.0</td>
</tr>
<tr>
<td>Species</td>
<td>Rat</td>
</tr>
</tbody>
</table>

SALICYLIC ACID

<table>
<thead>
<tr>
<th>Acute toxicity - oral</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity oral (LD₅₀ mg/kg)</td>
<td>891.0</td>
</tr>
<tr>
<td>Species</td>
<td>Rat</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Acute toxicity - dermal</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity dermal (LD₅₀ mg/kg)</td>
<td>2,000.0</td>
</tr>
<tr>
<td>Species</td>
<td>Rat</td>
</tr>
</tbody>
</table>

1,3-BENZENEDIMETHANAMINE

<table>
<thead>
<tr>
<th>Acute toxicity - oral</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity oral (LD₅₀ mg/kg)</td>
<td>1,090.0</td>
</tr>
<tr>
<td>Species</td>
<td>Rat</td>
</tr>
</tbody>
</table>
MYT-Platinum Part B

ATE oral (mg/kg)  1,090.0

Acute toxicity - dermal
Acute toxicity dermal (LD₅₀ mg/kg)  2,000.0

Species  Rat

Acute toxicity - inhalation
Acute toxicity inhalation (LC₅₀ dust/mist mg/l)  1.34

Species  Rat

ATE inhalation (dusts/mists mg/l)  1.34

12. Ecological information

Ecological information on ingredients.

**1,3-CYCLOHEXANEBIS(METHYLAMINE)**

<table>
<thead>
<tr>
<th>Acute aquatic toxicity</th>
<th>LC₅₀, &gt; 96 hours: 100 mg/l, Leuciscus idus (Golden orfe)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - fish</td>
<td>LC₅₀, &gt; 96 hours: 100 mg/l, Leuciscus idus (Golden orfe)</td>
</tr>
<tr>
<td>Acute toxicity - aquatic invertebrates</td>
<td>EC₅₀, 48 hours: 29 mg/l, Daphnia magna</td>
</tr>
<tr>
<td>Acute toxicity - aquatic plants</td>
<td>EC₅₀, &gt; 96 hours: 100 mg/l, Scenedesmus subspicatus</td>
</tr>
<tr>
<td>Acute toxicity - terrestrial</td>
<td>EC₅₀, &gt; 14 days: 1000 mg/kg, Eisenia Fetida (Earthworm)</td>
</tr>
</tbody>
</table>

**STYRENATED PHENOL**

<table>
<thead>
<tr>
<th>Acute aquatic toxicity</th>
<th>LC₅₀, 96 hours: 14.8 mg/l,</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - fish</td>
<td>LC₅₀, 96 hours: 14.8 mg/l,</td>
</tr>
<tr>
<td>Acute toxicity - aquatic invertebrates</td>
<td>EC₅₀, 48 hours: 1-10 mg/l, Daphnia magna</td>
</tr>
<tr>
<td>Acute toxicity - aquatic plants</td>
<td>EC₅₀, 72 hours: 3.14 mg/l, Scenedesmus subspicatus</td>
</tr>
</tbody>
</table>

**SALICYLIC ACID**

<table>
<thead>
<tr>
<th>Acute aquatic toxicity</th>
<th>LC₅₀, 48 hours: 90 mg/l, Leuciscus idus (Golden orfe)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - fish</td>
<td>LC₅₀, 48 hours: 90 mg/l, Leuciscus idus (Golden orfe)</td>
</tr>
<tr>
<td>Acute toxicity - microorganisms</td>
<td>EC₅₀, &gt; 3 hours: 3200 mg/l, Activated sludge</td>
</tr>
</tbody>
</table>

**1,3-BENZENEDIMETHANAMINE**

<table>
<thead>
<tr>
<th>Acute aquatic toxicity</th>
<th>LC₅₀, 96 hours: 75 mg/l, Leuciscus idus (Golden orfe)</th>
</tr>
</thead>
</table>
MYT-Platinum Part B

**Acute toxicity - aquatic invertebrates**  
EC₅₀, 48 hours: 15.2 mg/l, Daphnia magna

**Acute toxicity - aquatic plants**  
EC₅₀, 72 hours: 12 mg/l, Scenedesmus subspicatus

**Persistence and degradability**
There are no data on the degradability of this product.

**Bioaccumulative potential**
No data available on bioaccumulation.

**Partition coefficient**
Not determined.

**Mobility in soil**
Mobile. The product is miscible with water and may spread in water systems.

**13. Disposal considerations**

**Waste treatment methods**

**General information**
Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

**Disposal methods**
Dispose of waste via a licensed waste disposal contractor.

**14. Transport information**

**UN Number**
- UN No. (TDG) 2735
- UN No. (IMDG) 2735
- UN No. (ICAO) 2735
- UN No. (DOT) UN2735

**UN proper shipping name**
- Proper shipping name (TDG) AMINES, LIQUID, CORROSIVE, N.O.S. (User to define)
- Proper shipping name (IMDG) AMINES, LIQUID, CORROSIVE, N.O.S. (User to define)
- Proper shipping name (ICAO) AMINES, LIQUID, CORROSIVE, N.O.S. (User to define)
- Proper shipping name (DOT) AMINES, LIQUID, CORROSIVE, N.O.S. (User to define)

**Transport hazard class(es)**
- DOT hazard class 8
- DOT hazard label 8
- TDG class 8
- TDG label(s) 8
- IMDG Class 8
- ICAO class/division 8
MYT-Platinum Part B

Transport labels

DOT transport labels

Packing group
TDG Packing Group II
IMDG packing group II
ICAO packing group II
DOT packing group II

Environmental hazards
Environmentally Hazardous Substance

Special precautions for user
IMDG Code segregation group
18. Alkalis
EmS F-A, S-B

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable.

15. Regulatory information

Guidance Workplace Exposure Limits EH40.

US Federal Regulations
SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities
None of the ingredients are listed.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)
None of the ingredients are listed.

SARA Extremely Hazardous Substances EPCRA Reportable Quantities
None of the ingredients are listed.

CAA Accidental Release Prevention
None of the ingredients are listed.

FDA - Essential Chemical
None of the ingredients are listed.
MYT-Platinum Part B

FDA - Precursor Chemical
None of the ingredients are listed.

SARA (311/312) Hazard Categories
None of the ingredients are listed.

OSHA Highly Hazardous Chemicals
None of the ingredients are listed.

US State Regulations
California Proposition 65 Carcinogens and Reproductive Toxins
None of the ingredients are listed.

California Air Toxics "Hot Spots" (A-I)
None of the ingredients are listed.

California Air Toxics "Hot Spots" (A-II)
None of the ingredients are listed.

California Directors List of Hazardous Substances
The following ingredients are listed:
1,3-BENZENEDIMETHANAMINE

Massachusetts "Right To Know" List
The following ingredients are listed:
1,3-BENZENEDIMETHANAMINE

Rhode Island "Right To Know" List
The following ingredients are listed:
1,3-BENZENEDIMETHANAMINE

Minnesota "Right To Know" List
The following ingredients are listed:
1,3-BENZENEDIMETHANAMINE

New Jersey "Right To Know" List
The following ingredients are listed:
1,3-BENZENEDIMETHANAMINE

Pennsylvania "Right To Know" List
The following ingredients are listed:
1,3-BENZENEDIMETHANAMINE

Inventories
EU - EINECS/ELINCS
All the ingredients are listed or exempt.

Canada - DSL/NDSL
All the ingredients are listed or exempt.

US - TSCA
All the ingredients are listed or exempt.
16. Other information

Revision comments
NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision date
9/3/2019

Version number
3.001

Supersedes date
11/16/2018

SDS No.
21076

Hazard statements in full
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.