# SAFETY DATA SHEET
## MYT-Platinum Part A


## 1. Identification

<table>
<thead>
<tr>
<th>Product identifier</th>
<th>MYT-Platinum Part A</th>
</tr>
</thead>
</table>

### Recommended use of the chemical and restrictions on use

**Application**: Two component epoxy based adhesive. Resin.

### 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**: Skin Irrit. 2 - H315 Eye Irrit. 2A - H319 Skin Sens. 1 - H317

### Label elements

- **Hazard symbols**: !

### Signal word

**Warning**

### Hazard statements

- H315 Causes skin irritation.  
- H319 Causes serious eye irritation.  
- H317 May cause an allergic skin reaction.

### Precautionary statements

- P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
- P302+P352 If on skin: Wash with plenty of water.  
- P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
- P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.  
- P337+P313 If eye irritation persists: Get medical advice/ attention.  
- P501 Dispose of contents/ container in accordance with national regulations.

### Contains

- EPOXY RESIN (Number average MW <= 700), EPOXY PHENOL FORMALDEHYDE RESIN, REACTION PRODUCTS OF HEXANE-1,6-DIOL WITH 2-CHLOROMETHYL)OXIRANE(1:2)
3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Percentage</th>
<th>CAS number</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPOXY RESIN (Number average MW &lt;= 700)</td>
<td>20-50%</td>
<td>25068-38-6</td>
</tr>
<tr>
<td>EPOXY PHENOL FORMALDEHYDE RESIN</td>
<td>10-20%</td>
<td>9003-36-5</td>
</tr>
<tr>
<td>REACTION PRODUCTS OF HEXANE-1,6-DIOL WITH 2-CHLOROMETHYL)OXIRANE(1:2)</td>
<td>5-10%</td>
<td>933999-84-9</td>
</tr>
<tr>
<td>TITANIUM DIOXIDE</td>
<td>&lt;0.5%</td>
<td>13463-67-7</td>
</tr>
</tbody>
</table>

Classification
Not Classified

The full text for all hazard statements is displayed in Section 16.

Composition comments  CAS 9003-36-5 = CAS 20864-14-4 (RoW) CAS 933999-84-9 = CAS 16096-31-4 (RoW)

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.

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 May cause respiratory irritation.

Ingestion May cause stomach pain or vomiting.

Skin contact Prolonged or repeated contact with skin may cause irritation, redness and dermatitis. May cause sensitisation by skin contact.

Eye contact Irritating to eyes.

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

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

Unsuitable extinguishing media DO NOT use water if avoidable.
MYT-Platinum Part A

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
Avoid release to the environment.

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 eyes. Avoid contact with skin.

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, drink and animal feeding stuffs. Keep container tightly sealed when not in use.

Specific end use(s)

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

TITANIUM DIOXIDE

Long-term exposure limit (8-hour TWA): ACGIH 10 mg/m³
A4

Long-term exposure limit (8-hour TWA): OSHA 15 mg/m³ total dust

ACGIH = American Conference of Governmental Industrial Hygienists.
A4 = Not Classifiable as a Human Carcinogen.
OSHA = Occupational Safety and Health Administration.
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Protective equipment

- **Appropriate engineering controls**: No specific ventilation requirements.
- **Eye/face protection**: Wear eye protection.
- **Hand protection**: Wear protective gloves made of the following material: Nitrile rubber.
- **Hygiene measures**: Provide eyewash station. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated.
- **Respiratory protection**: Not relevant.
- **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

<table>
<thead>
<tr>
<th>Information on basic physical and chemical properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
</tr>
<tr>
<td>Color</td>
</tr>
<tr>
<td>Odor</td>
</tr>
<tr>
<td>Odor threshold</td>
</tr>
<tr>
<td>pH</td>
</tr>
<tr>
<td>Melting point</td>
</tr>
<tr>
<td>Initial boiling point and range</td>
</tr>
<tr>
<td>Flash point</td>
</tr>
<tr>
<td>Evaporation rate</td>
</tr>
<tr>
<td>Evaporation factor</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
</tr>
<tr>
<td>Other flammability</td>
</tr>
<tr>
<td>Vapor pressure</td>
</tr>
<tr>
<td>Vapor density</td>
</tr>
<tr>
<td>Relative density</td>
</tr>
<tr>
<td>Bulk density</td>
</tr>
<tr>
<td>Solubility(ies)</td>
</tr>
<tr>
<td>Partition coefficient</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
</tr>
</tbody>
</table>
MYT-Platinum Part A

Viscosity  > 60 S ISO2431

Explosive properties  No information available.

Explosive under the influence of a flame  No

Oxidizing properties  Does not meet the criteria for classification as oxidizing.

10. Stability and reactivity

Reactivity  The following materials may react with the product: Acids. Amides. Amines. Phenols, cresols.

Stability  Stable at normal ambient temperatures and when used as recommended.

Possibility of hazardous reactions  The following materials may react with the product: Acids. Amides. Amines. Phenols, cresols.

Conditions to avoid  Avoid contact with acids and alkalis.

Materials to avoid  Acids. Amines. Amides.


11. Toxicological information

Information on toxicological effects

Skin sensitization

Skin sensitization  Sensitizing.

General information  Contains epoxy constituents. See information supplied by the manufacturer.

Inhalation  No specific health hazards known.

Ingestion  No harmful effects expected from quantities likely to be ingested by accident.

Skin Contact  Irritating to skin. May cause sensitisation by skin contact.

Eye contact  May cause severe eye irritation.

Acute and chronic health hazards  Irritating to skin. Irritating to eyes.

Route of exposure  Skin and/or eye contact.

Medical Symptoms  Skin irritation.

Medical considerations  Skin disorders and allergies.

Toxicological information on ingredients.

REACTION PRODUCTS OF HEXANE-1,6-DIOL WITH 2-CHLOROMETHYL)OXIRANE(1:2)

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg)  3,010.0

Species  Rat

12. Ecological information
### MYT-Platinum Part A

#### Ecological information on ingredients.

**EPOXY RESIN (Number average MW <= 700)**

<table>
<thead>
<tr>
<th>Toxicity Type</th>
<th>Endpoint</th>
<th>Toxicity</th>
<th>Concentration (mg/l)</th>
<th>Species/Strain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - fish</td>
<td>LC₅₀</td>
<td>2 mg/l</td>
<td>Oncorhynchus mykiss</td>
<td>Rainbow trout</td>
</tr>
<tr>
<td>Acute toxicity - aquatic</td>
<td>EC₅₀</td>
<td>1.8 mg/l</td>
<td>Daphnia magna</td>
<td></td>
</tr>
<tr>
<td>Acute toxicity - aquatic</td>
<td>EC₅₀</td>
<td>11 mg/l</td>
<td>Freshwater algae</td>
<td></td>
</tr>
<tr>
<td>plants</td>
<td>EC₅₀</td>
<td>220 mg/l</td>
<td>Scenedesmus subspicatus</td>
<td></td>
</tr>
<tr>
<td>Chronic toxicity - aquatic</td>
<td>NOEC</td>
<td>0.3 mg/l</td>
<td>Daphnia magna</td>
<td></td>
</tr>
</tbody>
</table>

**REACTION PRODUCTS OF HEXANE-1,6-DIOL WITH 2-CHLOROMETHYL)OXIRANE(1:2)**

<table>
<thead>
<tr>
<th>Toxicity Type</th>
<th>Endpoint</th>
<th>Toxicity</th>
<th>Concentration (mg/l)</th>
<th>Species/Strain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - fish</td>
<td>LC₅₀</td>
<td>30 mg/l</td>
<td>Oncorhynchus mykiss</td>
<td>Rainbow trout</td>
</tr>
</tbody>
</table>

#### Persistence and degradability

Persistence and degradability   The product is not biodegradable.

Ecological information on ingredients.

**EPOXY RESIN (Number average MW <= 700)**

<table>
<thead>
<tr>
<th>Degradation (%)</th>
<th>12% Degradation</th>
<th>28 days</th>
</tr>
</thead>
</table>

**REACTION PRODUCTS OF HEXANE-1,6-DIOL WITH 2-CHLOROMETHYL)OXIRANE(1:2)**

<table>
<thead>
<tr>
<th>Degradation (%)</th>
<th>47% Degradation</th>
<th>28 days</th>
</tr>
</thead>
</table>

### Bioaccumulative potential

<table>
<thead>
<tr>
<th>Bio-Accumulative Potential</th>
<th>No data available on bioaccumulation.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Partition coefficient</td>
<td>Not determined.</td>
</tr>
</tbody>
</table>

Ecological information on ingredients.

**EPOXY RESIN (Number average MW <= 700)**

<table>
<thead>
<tr>
<th>Bio-Accumulative Potential</th>
<th>May accumulate in soil and water systems. BCF: 100 - 3000,</th>
</tr>
</thead>
<tbody>
<tr>
<td>Partition coefficient</td>
<td>log Pow: 3.242 Estimated Value</td>
</tr>
</tbody>
</table>

**REACTION PRODUCTS OF HEXANE-1,6-DIOL WITH 2-CHLOROMETHYL)OXIRANE(1:2)**

<table>
<thead>
<tr>
<th>Bio-Accumulative Potential</th>
<th>BCF: &lt; 100, Estimated Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Partition coefficient</td>
<td>log Pow: -0.272 Estimated Value</td>
</tr>
</tbody>
</table>

### Mobility in soil

| Mobility | The product is insoluble in water and will spread on the water surface. The product is non-volatile. Semi-mobile. |

Ecological information on ingredients.
MYT-Platinum Part A

EPOXY RESIN (Number average MW <= 700)

Mobility
Semi-mobile.

Adsorption/desorption coefficient
Water - Koc: 1800 - 4400 @ 25°C Estimated Value

Henry's law constant
4.93E-05 Pa m3/mol @ 25°C

13. Disposal considerations

Waste treatment methods

Disposal methods
Residues and empty containers should be taken care of as hazardous waste according to local and national provisions. Dispose of waste via a licensed waste disposal contractor.

14. Transport information

UN Number

UN No. (TDG) 3082
UN No. (IMDG) 3082
UN No. (ICAO) 3082
UN No. (DOT) UN3082

UN proper shipping name

Proper shipping name (TDG) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS EPOXY RESIN (Number average MW <= 700 ), EPOXY PHENOL FORMALDEHYDE RESIN)
Proper shipping name (IMDG) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS EPOXY RESIN (Number average MW <= 700 ), EPOXY PHENOL FORMALDEHYDE RESIN)
Proper shipping name (ICAO) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS EPOXY RESIN (Number average MW <= 700 ), EPOXY PHENOL FORMALDEHYDE RESIN)
Proper shipping name (DOT) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS EPOXY RESIN (Number average MW <= 700 ), EPOXY PHENOL FORMALDEHYDE RESIN)

Transport hazard class(es)

DOT hazard class 9
DOT hazard label 9
TDG class 9
TDG label(s) 9
IMDG Class 9
ICAO class/division 9

Transport labels

DOT transport labels
MYT-Platinum Part A

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

Environmental hazards
Environmentally Hazardous Substance

Special precautions for user
EmS F-A, S-F

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.

SARA 313 Emission Reporting
None of the ingredients are listed.

CAA Accidental Release Prevention
None of the ingredients are listed or exempt.

FDA - Essential Chemical
None of the ingredients are listed.

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
The following ingredients are listed:

TITANIUM DIOXIDE

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
None of the ingredients are listed.

Massachusetts "Right To Know" List
The following ingredients are listed:

TITANIUM DIOXIDE

Rhode Island "Right To Know" List
The following ingredients are listed:

TITANIUM DIOXIDE

Minnesota "Right To Know" List
The following ingredients are listed:

TITANIUM DIOXIDE

New Jersey "Right To Know" List
The following ingredients are listed:

TITANIUM DIOXIDE

Pennsylvania "Right To Know" List
The following ingredients are listed:

TITANIUM DIOXIDE

Inventories

EU - EINECS/ELINCS

REACTION PRODUCTS OF HEXANE-1,6-DIOL WITH 2-CHLOROMETHYLOXIRANE(1:2)

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

US - TSCA
All the ingredients are listed or exempt.

US - TSCA 12(b) Export Notification
The following ingredients are listed:

REACTION PRODUCTS OF HEXANE-1,6-DIOL WITH 2-CHLOROMETHYLOXIRANE(1:2)

16. Other information

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

Revision date 9/3/2019

Version number 2.001
<table>
<thead>
<tr>
<th><strong>Supersedes date</strong></th>
<th>7/25/2018</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SDS No.</strong></td>
<td>21075</td>
</tr>
</tbody>
</table>
| **Hazard statements in full** | H315 Causes skin irritation.  
                           | H317 May cause an allergic skin reaction.  
                           | H319 Causes serious eye irritation. |