SAFETY DATA SHEET - ENVIROTEX JEWELRY CLAY

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME ENVIROTEX JEWELRY CLAY HARDENER PART B
APPLICATION Two component epoxy based coating compound
SUPPLIER ENVIRONMENTAL TECHNOLOGY INC.
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Hours of operation
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2 HAZARDS IDENTIFICATION

Harmful in contact with skin and if swallowed. Causes burns. May cause sensitisation by skin contact. Possible risk of impaired fertility.
Possible risk of harm to the unborn child. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
CLASSIFICATION Xn;R21/22. Rep 3;R62, R63. C;R34. R43. N;R50/53.
ENVIRONMENT
Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
HUMAN HEALTH
See section 11 for additional information on health hazards.

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>EC No.</th>
<th>CAS-No.</th>
<th>Content</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-NONYLPHENOL, Branched</td>
<td>284-325-5</td>
<td>84852-15-3</td>
<td>30-60%</td>
<td>Repr. Cat. 3;R62,R63 C;R34 Xn;R22 N;R50/53</td>
</tr>
<tr>
<td>ALKYL ETHER AMINE</td>
<td>500-105-6</td>
<td>39423-51-3</td>
<td>10-30%</td>
<td>Xn;R20/21/22. C;R34.</td>
</tr>
<tr>
<td>ISOPHORONEDIAMINE</td>
<td>220-666-8</td>
<td>2855-13-2</td>
<td>10-30%</td>
<td>C;R34 Xn;R21/22 R43 R52/53</td>
</tr>
<tr>
<td>POLYOXYPROPYLENEDIAMINE</td>
<td>9046-10-0</td>
<td></td>
<td>10-30%</td>
<td>C;R34.</td>
</tr>
</tbody>
</table>

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

GENERAL INFORMATION
Move the exposed person to fresh air at once. Get medical attention.

INHALATION
Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention.

INGESTION
NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Remove victim immediately from source of exposure. Rinse mouth thoroughly. Get medical attention.

SKIN CONTACT
Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT
Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.
5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA
This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

SPECIAL FIRE FIGHTING PROCEDURES
Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

SPECIFIC HAZARDS
Fire creates: Toxic gases/vapours/fumes of Carbon monoxide (CO). Carbon dioxide (CO2).

PROTECTIVE MEASURES IN FIRE
Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS
Do not discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS
Stop leak if possible without risk. DO NOT touch spilled material! Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer. Wash thoroughly after dealing with a spillage. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS
Read and follow manufacturer's recommendations. Provide good ventilation. Avoid spilling, skin and eye contact. Pregnant women should not work with the product, if there is the least risk of exposure.

STORAGE PRECAUTIONS
Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

STORAGE CLASS
Corrosive storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT

ENGINEERING MEASURES
Provide adequate ventilation.

RESPIRATORY EQUIPMENT
No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists. If ventilation is insufficient, suitable respiratory protection must be provided.

HAND PROTECTION
Wear protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION
Wear splash-proof eye goggles to prevent any possibility of eye contact.

OTHER PROTECTION
Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES
Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.
9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Light viscous liquid
COLOUR Colourless to pale yellow
ODOUR Amine.
SOLUBILITY Slightly soluble in water.
BOILING POINT (°C) 222 deg C
VAPOUR PRESSURE <1 mm Hg 20 deg C
RELATIVE DENSITY 0.972
FLASH POINT (°C) 100 deg C PM Closed cup.

10 STABILITY AND REACTIVITY

STABILITY
Stable under normal temperature conditions and recommended use.
CONDITIONS TO AVOID
Avoid excessive heat for prolonged periods of time.
MATERIALS TO AVOID
Strong oxidising substances.
HAZARDOUS DECOMPOSITION PRODUCTS
Fire creates: Carbon monoxide (CO). Carbon dioxide (CO2).

11 TOXICOLOGICAL INFORMATION

INHALATION
Vapours may irritate throat and respiratory system and cause coughing.

INGESTION
Corrosive. Even small amounts may cause serious damage. Harmful if swallowed.

SKIN CONTACT
Causes burns. Harmful in contact with skin. May cause sensitisation by skin contact.

EYE CONTACT
Causes burns.

HEALTH WARNINGS
SKIN CONTACT. May cause sensitisation by skin contact.

OTHER HEALTH EFFECTS
Toxic to Reproductive Health Categ. 3.

12 ECOLOGICAL INFORMATION

ECOTOXICITY
Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS
Recover and reclaim or recycle, if practical. Do not allow runoff to sewer, waterway or ground. Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION
### REGULATORY INFORMATION

#### LABELLING
- **Corrosive**
- **Harmful**
- **Dangerous for the environment**

#### CONTAINS
- 4-NONYLPHENOL, Branched
- ALKYL ETHER AMINE
- ISOPHORONEDIAMINE
- POLYOXYPROPYLENEDIAMINE

#### RISK PHRASES
- **R21/22** Harmful in contact with skin and if swallowed.
- **R34** Causes burns.
- **R43** May cause sensitisation by skin contact.
- **R50/53** Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **R62** Possible risk of impaired fertility.
- **R63** Possible risk of harm to the unborn child.

#### SAFETY PHRASES
- **S1/2** Keep locked up and out of the reach of children.
- **S13** Keep away from food, drink and animal feeding stuffs.
- **S20** When using do not eat or drink.
- **S25** Avoid contact with eyes.
- **S26** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- **S27/28** After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of... (to be specified by the manufacturer).
- **S29/56** Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
- **S36/37/39** Wear suitable protective clothing, gloves and eye/face protection.
- **S45** In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
- **S46** If swallowed, seek medical advice immediately and show this container or label.
- **S61** Avoid release to the environment. Refer to special instructions/safety data sheets.
ENVIROTEX JEWELRY CLAY HARDENER PART B

S64 If swallowed, rinse mouth with water (only if the person is conscious).

EU DIRECTIVES

STATUTORY INSTRUMENTS
Classification and Labelling of Substances and Preparations Dangerous for Supply.

APPROVED CODE OF PRACTICE
Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES
Workplace Exposure Limits EH40.

16 OTHER INFORMATION

REVISION DATE July 2016

RISK PHRASES IN FULL

R34 Causes burns.
R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R22 Harmful if swallowed.
R21/22 Harmful in contact with skin and if swallowed.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R43 May cause sensitisation by skin contact.
R63 Possible risk of harm to the unborn child.
R62 Possible risk of impaired fertility.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

DISCLAIMER
This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in a process. Such information is, to the best of the company’s knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user’s responsibility to satisfy himself as to the suitability of such information for his own particular use.