SAFETY DATA SHEET
NITOSEAL PU12 ACCELERATOR

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

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2 HAZARDS IDENTIFICATION
Harmful if swallowed. Causes burns. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION (1999/45)
Xn;R22. C;R34. R43. N;R51/53.

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>EC No.</th>
<th>CAS-No.</th>
<th>Content %</th>
<th>Classification (67/548/EEC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BENZYL ALCOHOL</td>
<td>202-859-9</td>
<td>100-51-6</td>
<td>10-30%</td>
<td>Xn;R20/22</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>ORTHO TOLYL BIGUANIDE</td>
<td>202-268-6</td>
<td>93-69-6</td>
<td>5-10%</td>
<td>Xi;R41. R43.</td>
</tr>
<tr>
<td>NONYLPHENOL</td>
<td>246-672-0</td>
<td>25154-52-3</td>
<td>1-5%</td>
<td>Repr. Cat. 3;R62,R63 C;R34 Xn;R22 N;R50/53</td>
</tr>
<tr>
<td>ALKANES, C10-C13. CHLORO</td>
<td>287-476-5</td>
<td>85535-84-8</td>
<td>&lt; 1%</td>
<td>Carc. Cat. 3;R40 R66 N;R50/53</td>
</tr>
</tbody>
</table>

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

4 FIRST-AID MEASURES

INHALATION
Move the exposed person to fresh air at once. Rinse nose and mouth with water. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION
DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Provide rest, warmth and fresh air. Get medical attention immediately!

SKIN CONTACT
Remove affected person from source of contamination. Rinse the skin immediately with lots of 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
Use fire-extinguishing media appropriate for surrounding materials.

UNUSUAL FIRE & EXPLOSION HAZARDS
No unusual fire or explosion hazards noted.
NITOSEAL PU12 ACCELERATOR

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS
Wear necessary protective equipment. Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Do not let washing down water contaminate ponds or waterways.

7 HANDLING AND STORAGE

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

<table>
<thead>
<tr>
<th>Name</th>
<th>STD</th>
<th>TWA - 8 Hrs</th>
<th>STEL - 15 Min</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>CALCIUM CARBONATE (STEARATE COATED)</td>
<td>WEL</td>
<td>10 mg/m³</td>
<td>4 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Inhal. Dust</td>
<td>Resp. Dust</td>
<td></td>
</tr>
</tbody>
</table>

WEL = Workplace Exposure Limit.

PROTECTIVE EQUIPMENT

ENGINEERING MEASURES
Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT
No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

HAND PROTECTION
Use protective gloves made of: Nitrile. Viton rubber (fluor rubber). Polyvinylidene chloride/Polyethylene (PVD/PE).

EYE PROTECTION
Wear approved chemical safety goggles where eye exposure is reasonably probable.

OTHER PROTECTION
Wear appropriate clothing to prevent skin contamination or freezing. Provide eyewash station.

HYGIENE MEASURES
Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes wet.

9 PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPEARANCE</td>
<td>Paste</td>
</tr>
<tr>
<td>COLOUR</td>
<td>Grey</td>
</tr>
<tr>
<td>ODOUR</td>
<td>Amine. Musty (mouldy).</td>
</tr>
<tr>
<td>BOILING POINT (°C)</td>
<td>&gt; 200 for volatile components.</td>
</tr>
<tr>
<td>RELATIVE DENSITY</td>
<td>1.46 20</td>
</tr>
<tr>
<td>VAPOUR PRESSURE</td>
<td>0.04 kPa</td>
</tr>
<tr>
<td>pH-VALUE, CONC. SOLUTION</td>
<td>approx. 12.0</td>
</tr>
<tr>
<td>FLASH POINT (°C)</td>
<td>131</td>
</tr>
<tr>
<td>AUTO IGNITION</td>
<td>&gt; 400</td>
</tr>
<tr>
<td>TEMPERATURE (°C)</td>
<td></td>
</tr>
</tbody>
</table>

10 STABILITY AND REACTIVITY

STABILITY
Stable under normal temperature conditions.
CONDITIONS TO AVOID
Reacts violently with strong oxidising substances.

HAZARDOUS POLYMERISATION
Will not polymerise.

HAZARDOUS DECOMPOSITION PRODUCTS
Ammonia or amines.

11 TOXICOLOGICAL INFORMATION

INHALATION
May cause irritation to the respiratory system. May cause sensitisation by inhalation. May cause respiratory allergy.

INGESTION
Causes burns. May cause chemical burns in mouth and throat. May cause stomach pain or vomiting.

SKIN CONTACT
May cause allergic contact eczema. Acts as a defatting agent on skin. May cause cracking of skin, and eczema. May cause sensitisation by skin contact. Causes burns. Harmful in contact with skin.

EYE CONTACT
Extreme irritation of eyes and mucous membranes, including burning and tearing. Causes burns.

12 ECOLOGICAL INFORMATION

ECOTOXICITY
Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.

Name
CALCIUM CARBONATE (STEARATE COATED)

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS
Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

PROPER SHIPPING NAME
TRIMETHYLMETHYLENEDIAMINES (NONYLPHENOL)

UN NO. ROAD
2327

ADR CLASS NO.
8

ADR CLASS
Class 8: Corrosive substances.

ADR PACK GROUP
III

TUNNEL RESTRICTION CODE
(E)

HAZARD No. (ADR)
80

ADR LABEL NO.
8

HAZCHEM CODE
2X

UN NO. SEA
2327

IMDG CLASS
8

IMDG PACK GR.
III

EMS
F-A, S-B

UN NO. AIR
2327

AIR CLASS
8

AIR PACK GR.
III

15 REGULATORY INFORMATION
NITOSEAL PU12 ACCELERATOR

LABELLING

Corrosive
Harmful
Dangerous for the environment

CONTAINS
ISOPHORONEDIAMINE
ORTHO TOLYL BIGUANIDE

RISK PHRASES
R22 Harmful if swallowed.
R34 Causes burns.
R43 May cause sensitisation by skin contact.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES
S25 Avoid contact with eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
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).
S57 Use appropriate containment to avoid environmental contamination.
S60 This material and its container must be disposed of as hazardous waste.
S61 Avoid release to the environment. Refer to special instructions/safety data sheets.

STATUTORY INSTRUMENTS
Control of Substances Hazardous to Health.

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

GUIDANCE NOTES
Workplace Exposure Limits EH40.
Introduction to Local Exhaust Ventilation HS(G)37.
CHIP for everyone HSG(108).

16 OTHER INFORMATION

REVISION DATE 25/07/2010
REV. NO./REPL. SDS 1

RISK PHRASES IN FULL
R34 Causes burns.
R20/22 Harmful by inhalation 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.
R40 Limited evidence of a carcinogenic effect.
R43 May cause sensitisation by skin contact.
R63 Possible risk of harm to the unborn child.
R62 Possible risk of impaired fertility.
R66 Repeated exposure may cause skin dryness or cracking.
R41 Risk of serious damage to eyes.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
DISCLAIMER

The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.