

# SAFETY DATA SHEET

TECHNYL A 216 Y10 NATURAL

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Date/Revision: 28/04/2010

Version: 1

Cancels and replaces version:

## 1 Product and company identification.

PRODUCT NAME : TECHNYL A 216 Y10 NATURAL  
Use : Manufacture of articles by injection and extrusion.  
SUPPLIER : Manufacturer :  
Name : Rhodia Polyamide (Shanghai) Co.,Ltd  
Address : No. 3966 Jindu Road, Xinzhuang Industrial Zone, Shanghai, China  
Telephone number : +86 21 5483 1733  
Telefax number : +86 21 5442 7101  
E-mail : Information.FDS@eu.rhodia.com  
**EMERGENCY TELEPHONE NUMBER** **Multi Lingual Emergency Number (24/7)**  
**Europe / America / Africa: +44 1235 239 670 (UK)**  
**Asia Pacific: +65 3103 1074 (Singapore)**  
**Middle East & Africa (speaking Arabic): +44 1235 239 671 (UK)**  
**China: +86 10 5100 3039 (Beijing) [\*]**

## 2 Hazards identification

### MOST IMPORTANT HAZARDS

Adverse human health effects

Physical and chemical hazards

- Further hazards : risk of splashing. On heating to temperatures above 250°C:  
Does not present any specific hazards, provided it is handled in accordance with the supplier's proposed method of use.  
Specific hazards : According to EC criteria, this product is not classified as a "hazardous preparation".

## 3 Composition / information on ingredients

### >> PREPARATION

Chemical nature : Product based on polyamide 6.6. (CAS: 32131-17-2).  
Usually contains lubricants and protectors.  
Reinforced product containing 10 to 50% glass fibre or mineral filler.  
The products which are modified to be shock resistant contain 5 to 20% elastomer.

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>>Further information : Semi-processed polymer.  
The various components and fillers are incorporated in the bulk of the polymer.

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## 4 First-aid measures

Inhalation : Not specifically applicable.  
Skin contact : Remove all contaminated clothing and footwear. Wash with soap and water. In case of inflammation (redness, irritation, ...) obtain medical attention. Show this sheet to the doctor.  
Eye contact : Rinse with running water whilst keeping the eyes wide open. (at least 15 minutes).  
Ingestion : NEVER attempt to induce vomiting. Rinse mouth out with water.  
Further information : Place contaminated clothing in a sealed bag for disposal. Use appropriate protective equipment when treating a contaminated person.

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## 5 Fire - fighting measures

Extinguishing media  
- Suitable : All extinguishing agents can be used (water, foam, powders, carbon dioxide, sand ...).  
- Not suitable : None. If there is a fire close by, use suitable extinguishing agents.  
Specific hazards : Harmful or toxic vapours are released.  
Combustible product, melts on heating.  
Risk of fire spreading due to the flow of liquid which is already alight.  
Specific fire fighting methods : Cool the molten product.  
Protection of fire-fighters : Self-contained breathing apparatus.

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## 6 Accidental release measures

Personal precautions : Prevent the product from spreading into the environment.  
Environmental precautions : This product does not present any particular risk for the environment.  
Methods for cleaning up  
- Recovery : Recover the product by vacuuming/shovelling or sweeping.  
- Cleaning/Decontamination : Sweep.

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## 7 Handling and storage

### HANDLING

- Technical measures : Earth the equipment used to transfer the product.
- Safe handling advice : Handle and use in accordance with good occupational hygiene and safety practice.

### STORAGE

- Technical measures : Does not require any specific or particular technical measures.
- Storage conditions
- Recommended : Store:  
- away from any flames.  
- protected from humidity and bad weather conditions.
- Incompatible products : Oxidizing materials.
- Packaging : The product is packaged in suitable recyclable packaging.  
- Cardboard container lined with a plastic film.  
- Paper bag lined with a plastic film.
- Packaging materials
- Recommended : Cardboard. Paper. All common metals.
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## 8 Exposure controls / personal protection

- Engineering measures : The product, as is, does not require any specific/particular measures provided it is handled in accordance with good industrial hygiene and safety practice.  
During the transformation process:  
Extraction to remove vapours at their source.
- Control parameters
- Exposure limit values (Human Health)
- Occupational exposure limit values (France) : No specific limits.
- ACGIH Threshold Limit Values (U.S.A./A.C.G.I.H.) : No specific limits.
- Personal protective equipment
- Selection criteria : No specific/particular action required for this product. Comply with good occupational hygiene practice.
- Further information : The product (as is) or during its use, does not produce dust.  
The different components and fillers are incorporated in the bulk of the polymer.
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## 9 Physical and chemical properties

### APPEARANCE

- Physical state : Solid.
  - Form : Granules
  - Colour : Depends on the pigment.
  - Odour : none to very slight.
  - pH : Not applicable
  - Specific temperatures
  - Melting : Melting range: 250 to 270°C.
  - Decomposition temperature : > 350°C.
  - Flammability characteristics
  - Flash point : >400°C (Closed cup).
  - Auto-ignition temperature : >450°C (Spontaneous ignition temperature).
  - Oxidizing properties : Non oxidizing material according to EC criteria.
  - Solubility
  - in water : Practically insoluble.
  - in organic solvents : Insoluble in common organic solvents.
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## 10 Stability and reactivity

- Stability : Stable under normal conditions of use.
  - Hazardous reactions
  - Conditions to avoid : No dangerous reactions known under normal conditions of use.
  - Hazardous decomposition products : On combustion or on thermal decomposition (pyrolysis) releases:  
toxic gases.  
(Nitrogen oxides).  
(Carbon oxides (CO + CO<sub>2</sub>)).  
(Hydrogen cyanide)
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## 11 Toxicological information

### Acute toxicity

### Local effects

- : Given the physical state of the product (as supplied) this is not applicable.

### Further information

- : Does not present any particular risk, on handling under normal conditions of good occupational hygiene practice.
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## 12 Ecological information

### MOBILITY

Expected behaviour of the product : Ultimate destination of the product : SOIL.

### BIODEGRADABILITY

Persistence : Persisting product.

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## 13 Disposal considerations

### RESIDUES FROM PRODUCT

Destruction/Disposal : Recycle the material as far as possible.  
If it proves necessary to grind the product in order to recycle it, take all necessary precautions to prevent the formation and spread of dust.  
Non recycled product:  
May be disposed of with non hazardous industrial waste.  
Incinerate at a licensed installation.  
Dispose of in accordance with relevant local regulations.

### CONTAMINATED PACKAGING

Decontamination/cleaning : Not applicable.

Destruction/Disposal : Depending on local facilities recycle the cardboard packaging, or incinerate it at an approved site.

NOTE : The user's attention is drawn to the possible existence of local regulations regarding disposal.

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## 14 Transport information

### INTERNATIONAL REGULATIONS

#### Land

- Rail/road (RID/ADR) : NOT restricted.

Sea (IMO/IMDG) : NOT restricted.

Air (ICAO-IATA) : NOT restricted.

NOTE : The above regulatory prescriptions are those valid on the date of publication of this sheet.  
Given the possible evolution of transport regulations for hazardous materials, it would be advisable to check their validity with your sales office.

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## 15 Regulatory information

### LABELLING

EC regulations : Mandatory labelling (self-classification) of hazardous preparations: **NOT APPLICABLE**

NOTE : The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the Safety Data Sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

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## 16 Other information

### Uses

- Prohibited uses : For special application e.g. in medicine, surgery or the food industry, obtain further information from the manufacturer.

### Further product information

Packaging conforms to Directive 94/62/CE et to Decree 98-638

### Registration numbers

: The polymers are not listed in the EINECS inventory. All the other constituents of this preparation are registered in the EINECS inventory.

### \* Update

: This sheet was updated (refer to the date at the top of this page). Subheadings and text which have been modified since the previous version are indicated with an asterisk (\*).

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This safety data sheet should be used in conjunction with technical sheets. It does not replace them. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfil his obligations regarding the use of hazardous products. This information is not exhaustive. This does not exonerate the user from ensuring that legal obligations, other than those mentioned, relating to the use and storage of the product, do not exist. This is solely his responsibility.