

## 1 Identification of substance

- **Product details:**
- **Trade name:** THIXATROL® MAX
- **Article number:** 10861
- **Application of the substance / the preparation** Rheology additive
- **Manufacturer/Supplier:**  
Elementis Specialties  
p/a Elementis Service Centre N.V.  
Pegasus Park  
De Kleetlaan 12A - P.O. Box 3  
B-1831 Diegem, Belgium  
Tel: +32 (0) 2 790 76 00  
Fax: +32 (0) 2 790 76 60
- **Informing department:**  
Product Stewardship Department  
Elementis Specialties, Diegem, Belgium  
Tel.: + 32 (0)2 790 76 32  
Fax : + 32 (0)2 790 76 61
- **Emergency information:** Tel.: +32 3 575 55 55 (SGS)

## 2 Composition/Data on components

- **Chemical characterization:**
- **Description:** Mixture of the substances listed below with harmless additions

- **Dangerous components:**

ELINCS: 432-430-3	Reaction product - mixed diamid wax	Xi; R 43-53	50-100%
-------------------	-------------------------------------	-------------	---------

- **Additional information:**

For components with critical values that require monitoring at the workplace see Section 8  
For the wording of the listed risk phrases refer to section 16.

## 3 Hazards identification

- **Hazard designation:**  
Xi Irritant
- **Information pertaining to particular hazards for man and environment:**  
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.  
R 43 May cause sensitisation by skin contact.  
R 53 May cause long-term adverse effects in the aquatic environment.
- **Classification system:**  
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

## 4 First aid measures

- **After inhalation:**  
Supply fresh air and call for doctor for safety reasons.  
In case of unconsciousness bring patient into stable side position for transport.
- **After skin contact:** Wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** In case of persistent symptoms consult doctor.

Printing date 02.08.2006

Reviewed on 02.08.2006

Trade name: **THIXATROL® MAX**

(Contd. of page 1)

### 5 Fire fighting measures

- **Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.  
Use fire fighting measures that suit the environment.
- **Protective equipment:** No special measures required.

### 6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:**  
Inform respective authorities in case product reaches water or sewage system.
- **Measures for cleaning/collecting:** Collect mechanically.

### 7 Handling and storage

- **Handling:**
- **Information for safe handling:** Avoid high dust concentrations.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.

### 8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with critical values that require monitoring at the workplace:**
- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Instantly remove any soiled and impregnated garments.  
Wash hands during breaks and at the end of the work.
- **Breathing equipment:**  
Filter P1.  
Use breathing protection in case of insufficient ventilation.
- **Protection of hands:** Impervious gloves
- **Material of gloves**  
Butyl rubber, BR  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Safety glasses recommended during refilling.
- **Body protection:** Protective work clothing.

### 9 Physical and chemical properties

#### · General Information

**Form:** Powder

(Contd. on page 3)

Printing date 02.08.2006

Reviewed on 02.08.2006

Trade name: **THIXATROL® MAX**

(Contd. of page 2)

<b>Colour:</b>	<i>Cream coloured</i>
<b>Smell:</b>	<i>Odourless</i>
<b>· Change in condition:</b>	
<b>Boiling point/Boiling range:</b>	<i>&gt; 352°C</i>
<b>· Flash point:</b>	<i>Not applicable</i>
<b>· Ignition temperature:</b>	<i>395.0°C</i>
<b>· Self-flammability:</b>	<i>Product is not selfigniting.</i>
<b>· Danger of explosion:</b>	<i>Product is not explosive.</i>
<b>· Density at 20°C:</b>	<i>1.02200 g/cm<sup>3</sup></i>
<b>· Solubility in / Miscibility with Water:</b>	<i>Insoluble</i>
<b>· Solvent content:</b>	
<b>Organic solvents:</b>	<i>0.0 %</i>

### 10 Stability and reactivity

- **Thermal decomposition / Conditions to be avoided:** *No decomposition if used according to specifications.*
- **Dangerous reactions:** *No dangerous reactions known*
- **Dangerous products of decomposition:** *No dangerous decomposition products known*

### 11 Toxicological information

- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

Oral	EL50	>1000 mg/l ( <i>Daphnia magna</i> )
		>125 mg/l ( <i>Scenedesmus subspicatus</i> )
	LD50	>2000 mg/kg (rat)

- **Primary irritant effect:**

- **on the skin:** *No irritant effect.*
- **on the eye:** *Eye exposure (to dust) may produce irritation.*
- **Sensitization:** *Sensitization possible by skin contact.*

- **Additional toxicological information:**

*The product shows the following hazards according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:*

*Irritant*

*As with any nuisance dust, long-term exposure to concentrations of dust above the recommended exposure level may overload lung clearance mechanism and cause adverse lung effects.*

### 12 Ecological information

- **Ecotoxicological effects**

- **Acquatic toxicity:**

<i>1 &lt; LC50 Fisch</i>	<i>&gt;1000 mg/l (Rainbow Trout)</i>
--------------------------	--------------------------------------

- **General notes:**

*Water Hazard class 1: slightly hazardous for water.*

(Contd. on page 4)

Printing date 02.08.2006

Reviewed on 02.08.2006

**Trade name: THIXATROL® MAX**

(Contd. of page 3)

Do not allow undiluted product or large quantities of it to penetrate into ground water, water bodies or sewage system.

### 13 Disposal considerations

· **Product:**

· **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· **European waste catalogue**

07 00 00	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 07 00	wastes from the MFSU of fine chemicals and chemical products not otherwise specified
07 07 99	wastes not otherwise specified

· **Uncleaned packagings:**

· **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

· **ADR/RID-GGVSE Class:** -

· **IMDG/GGVSea Class:** -

· **Marine pollutant:** No

· **ICAO/IATA Class:** -

· **Transport/Additional information:** Not dangerous according to transport specifications.

### 15 Regulatory information

· **Designation according to EC guidelines:**

· **Code letter and hazard designation of product:**

Xi Irritant

· **Hazard-determining components for labelling:**

Reaction product - mixed diamid wax

· **Risk phrases:**

43 May cause sensitisation by skin contact.

53 May cause long-term adverse effects in the aquatic environment.

· **Safety phrases:**

36/37 Wear suitable protective clothing and gloves.

61 Avoid release to the environment. Refer to special instructions/safety data sheets.

· **National regulations:**

· **Water hazard class:** Water hazard class 1: slightly hazardous for water.

· **Other regulations, limitations and prohibitive regulations:**

· **EU-VOC(%):** Not applicable

· **EINECS/ELINCS:**

All ingredients are listed.

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship

(Contd. on page 5)

Printing date 02.08.2006

Reviewed on 02.08.2006

**Trade name: THIXATROL® MAX**

(Contd. of page 4)

· **Relevant R-phrases**

43 May cause sensitisation by skin contact.

53 May cause long-term adverse effects in the aquatic environment.

· **Department issuing data specification sheet:**

Product Stewardship Dept.

Tel.: +32 2 790 76 32

Fax : +32 2 790 76 60

· **\* Data compared to the previous version altered.**

GB