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## MATERIAL SAFETY DATA SHEET

According to 830/2015 EU

Date of Revision: 26.10.2017

Revision 8

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### 1. Substance/preparation and company name

**Product information:** Raw material for industrial and consumer products and applications and additive for industrial processes.

**Tradename:** SYNTRAN® 5904

#### **Producer/Supplier:**

INTERPOLYMER GmbH

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#### **Emergency Number:**

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### 2. Possible hazards:

#### **Label Elements**

*According to Regulation EU N° 1272/2008 and 453/2010 (CLP)*

Globally Harmonized System EU (GHS)

Pictogram



Signal word :

Warning

#### *Hazard Statement*

H319 – Causes serious eye irritation.

#### *Precautionary Statements (prevention)*

P262 – Do not get in eyes, on skin, or on clothing.

P280 – Wear protective gloves/protective clothing/eye protection/face protection

#### *Precautionary Statements (response)*

P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

#### **Classification of the substance or mixture:**

*According to Regulation EU N° 1272/2008 (CLP)*

Cat2 eye irritant

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### 3. Composition/ information on ingredients:

INCI : *STYRENE/ACRYLATES COPOLYMER*

CAS # : Proprietary (polymer)

#### **Chemical nature:**

Approx. 40% acidic aqueous polymer dispersion.

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### 4. First-aid measures:

#### **General advice:**

Remove contaminated clothing.

#### **If inhaled:**

Keep patient calm, remove to fresh air.

#### **On skin contact:**

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Wash with soap and water..

**On contact with eyes:**

Wash affected eyes for at least 15 minutes under running water with eyelids held open. If symptoms remain consult a physician.

**On ingestion:**

Rinse mouth and then drink plenty of water. Consult a physician.

**Advice for the physician:**

Symptomatic treatment (decontamination, vital functions), no specific antidote is known.

## 5. Firefighting measures:

**Suitable extinguishing media:** water, dry extinguishing media, foam, carbon dioxide (CO<sub>2</sub>)

**Special protective equipment:**

Respirator, for toxic gases can form after decomposition at high temperature.

## 6. Accidental release measures:

**Personal precautions:**

Protect skin and eyes. Spilled material can render the floor slippery.

Wear rubber shoes with anti- skidding soles. Wash contaminated clothing before reusing.

**Environmental precautions:**

Do not discharge the product into natural water without pretreatment (biological cleaning plants)

**Methods for cleaning up:**

Clean at once to prevent from slipping. Contain with absorbent material and dispose.

## 7. Handling and storage:

**Handling:**

Ensure thorough ventilation of storage and work areas.

**Advice to protect against fire and explosion:**

Keep away from heat and fire.

**Storage:**

Keep tightly closed in a dry and cool place. Keep from freezing.

Guaranteed lifetime in closed packaging: 12 months.

## 8. Exposure controls and personal protection:

**Additional information on the lay-out of technical plant:**

(see 7)

**Personal protective equipment:**

**Respirator:** not needed in well ventilated areas.      **Hand protection:** wear chemical resistant gloves.

**Eye protection:** goggles

**Body protection:** closed working clothing

**General safety and hygiene measures:**

The usual precautions for the handling of chemicals must be observed.

## 9. Physical and chemical properties:

<b>Form:</b>	liquid
<b>Colour:</b>	white
<b>Odour:</b>	product specific
<b>Change in physical state:</b>	
<b>Solidification temperature:</b>	approx.. 0°C (water)
<b>Flash point:</b>	n.a.
<b>Ignition:</b>	>120°C
<b>Explosion hazard:</b>	none
<b>Density (20°C):</b>	approx.1.033 g/cm <sup>3</sup>
<b>Solubilities:</b>	
<b>Water:</b>	miscible

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**pH-value (20°C):** 2.0-3.0  
**Vapor pressure:** ca. 23 mbar(water)

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## **10. Stability and reactivity:**

### **Hazardous reactions:**

None if the product is correctly processed.

### **Hazardous decomposition products:**

None if the product is correctly processed. Toxic gases can form from decomposition at high temperature.

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## **11. Toxicological information:**

This information is based on products of similar composition.

### **Acute Toxicity:**

LD50/oral/rat >10000 mg/kg

### **Primary skin irritation/ rabbit:**

direct contact may cause irritation

### **Primary mucous membrane irritation/rabbits'eyes:**

direct contact may cause irritation.

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## **12. Ecological Information:**

This information is based on products of similar composition.

### **Elimination information:**

Test method : OECD – Confirmatory Test

Degree of elimination: >70% ; Evaluation: easy to eliminate

### **Behaviour and environmental fate:**

Inhibition and degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations.

### **Ecotoxic effects:**

Toxicity to fish: LC50 (48 h): >500 mg/l, *Leuciscus idus*

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## **13. Disposal considerations:**

### **Advice:**

Must be disposed of by special means, e.g. suitable incineration , in accordance with local regulations.

### **Contaminated packaging:**

Uncontaminated packages can be reused. Packages that cannot be cleaned should be disposed of in the same manner as the contents.

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## **14. Transport information:**

Not classified as hazardous under transport regulations..

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## **15. Regulatory information:**

### **National legislation/ regulation:**

**Water hazard class: WGK 1 (Germany) (Self classification)**

### **Safety, health and environmental regulations/legislation specific for the substance or mixture:**

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

### **Chemical Safety Assessment**

Chemical Safety Assessment not required

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## **16.Other Information :**

**H -phrase:** (GHS) H319 – Causes serious eye irritation

The information contained herein is based on the present state of or knowledge and does not therefore guarantee certain properties of this product.

Users of our product must take responsibility for observing existing laws and regulations

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