

SAFETY DATA SHEET according to Regulation (EU) No.453/2010 (Annex II of REACH)

Version : 1.3

Revision Date : 04.01.2021

Print Date : 05.01.2021

Page : 1/5

## SECTION 1 : Identification of the substance / mixture and of the company / undertaking

### 1.1. Product Identifier

**Product Name** : W 455 Ultra White

### 1.2. Relevant Identified Uses Of The Substance Or Mixture And Uses Advised Against

**Product Use** : Textile Printing Applications

### 1.3. Details Of The Supplier Of The Safety Data Sheet

**Company Name** : Polymath Kimya San. ve Tic. Ltd. Şti.

**Company Address** : Akçaburgaz Mah. 1575 Sokak Alkop Sanayi Sitesi B/7 No: 7  
Esenyurt / Istanbul / Turkey

**Telephone** : +90 212 858 08 89

**Web** : www.polymathkimya.com

**SDS Prepared** : Gürkan KAYA / Chemical Engineer

**SDS Registration No** : GBF - 1531

**e-mail** : gurkankaya@polymathkimya.com

### 1.4. Emergency telephone number

**Telephone** : +90 212 858 08 89

## SECTION 2 : Hazards Identification

### 2.1. Classification Of The Substance Or Mixture

This product has no classification under CLP.

### 2.2. Label Elements

This product has no label elements.

### 2.3. Other Hazards

No information available.

## SECTION 3 : Composition / Information On Ingredients

### 3.1. Type Of Product

Mixture.

### 3.2. Mixtures

Component	EINECS No	CAS No	CLP Classification	Percent
Water Based Polymer Dispersion	---	---	---	40 - 50 %
Titanium Dioxide	236-675-5	13463-67-7	---	35 - 45 %
Glycerol	200-289-5	56-81-5	---	3 - 5 %
Propylene Glycol	200-338-0	57-55-6	---	5 - 15 %

SAFETY DATA SHEET according to Regulation (EU) No.453/2010 (Annex II of REACH)

Version : 1.3

Revision Date : 04.01.2021

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Page : 2/5

## SECTION 4 : First Aid Measures

### 4.1. Description Of First Aid Measures

**If Inhaled :** It does not irritate or harm the respiratory track.

**In Case Of Skin Contact :** Wash off immediately with soap and plenty of water.

Consult a doctor in the event of a skin reaction.

**In Case Of Eye Contact :** Rinse immediately with plenty of water and seek a doctor.

**If Swallowed :** Medical advice is required.

### 4.2. Most Important Symptoms And Effects, Both Acute And Delayed

**Notes To Physician :** No information available.

### 4.3. Indication Of Any Immediate Medical Attention And Special Treatment Needed

**Therapeutic Measures :** No information available.

## SECTION 5 : Firefighting Measures

### 5.1. Extinguishing Media

**Suitable Extinguishing Media :** Carbon dioxide (CO<sub>2</sub>), Foam, extinguishing powder, water spray should be used.

### 5.2. Special Hazards Arising From The Substance Or Mixture

Burning releases carbon monoxide, carbon dioxide, oxides of nitrogen. In the event of fire do not breathe fumes.

### 5.3. Advice For Fire-fighters

Firemen must wear self-contained breathing apparatus.

## SECTION 6 : Accidental Release Measures

### 6.1. Personal Precautions, Protective Equipment And Emergency Procedures

Put on protective equipment (see section 8).

### 6.2. Environment related measures

Do not allow to escape into waterways, wastewater or soil.

### 6.3. Methods And Material For Containment And Cleaning Up

Soak up with inert absorbent material and keep in closed containers.

### 6.4. Reference To Other Sections

For further disposal measures see section 13.

SAFETY DATA SHEET according to Regulation (EU) No.453/2010 (Annex II of REACH)

Version : 1.3

Revision Date : 04.01.2021

Print Date : 05.01.2021

Page : 3/5

## SECTION 7 : Handling And Storage

### 7.1. Precautions For Safe Handling

When handling observe the usual precautionary measures for chemicals. Avoid contact with the skin and the eyes.

### 7.2. Conditions For Safe Storage, Including Any Incompatibilities

Keep containers dry and tightly closed. Store in ventilated place between (5 - 35) °C - (41 - 95) °F of temperature.

### 7.3. Specific End Use(s)

No information available.

## SECTION 8 : Exposure Controls / Personal Protection

### 8.1. Control Parameters

**Workplace Exposure Limits** : No data available.

### 8.2. Exposure Controls

**Respiratory Protection** : Respiratory protection not required.

**Hand Protection** : Protective gloves.

**Eye Protection** : Protective glasses.

**Skin And Body Protection** : Protective clothing.

## SECTION 9 : Physical And Chemical Properties

### 9.1. Information On Basic Physical And Chemical Properties

**Appearance** : Viscous Paste

**Colour** : White

**Odour** : Slight

**Melting Point** : Not established

**Boiling Point** : 100 °C / 212 °F

**Flash Point** : > 100 °C / 212 °F

**Solubility in Water** : Miscible

**Viscosity** : 170.000 - 180.000 mPas (25°C/77°F)(Sp:7 - rpm:20 Brookfield Viscometer)

**pH** : 7 - 8

**Density** : 1,45 g/cm<sup>3</sup>

**Explosive Properties** : There is no risk of explosion.

### 9.2. Other Information

No information available.

SAFETY DATA SHEET according to Regulation (EU) No.453/2010 (Annex II of REACH)

Version : 1.3

Revision Date : 04.01.2021

Print Date : 05.01.2021

Page : 4/5

## SECTION 10 : Stability And Reactivity

### 10.1. Reactivity

Stable under recommended transport or storage conditions.

### 10.2. Chemical Stability

Stable under normal conditions.

### 10.3. Possibility Of Hazardous Reactions

Hazardous reactions will not occur under normal transport or storage conditions.

### 10.4. Conditions To Avoid

High temperature.

### 10.5. Incompatible Materials

This information is not available.

### 10.6. Hazardous Decomposition Products

No hazardous decomposition products when used as directed.

## SECTION 11 : Toxicological Information

### 11.1. Information On Toxicological Effects

**Acute Toxicity, Oral** : LD50 Rat > 2.000 mg/kg (OECD Test Guideline 423)

**Acute Toxicity, Dermal** : The product has no acute dermal toxicity.

**Acute Toxicity, Inhalation** : The product has no acute inhalation toxicity.

**Skin Irritation** : No skin irritation (Rabbit - OECD Test Guideline 404)

**Eye Irritation** : There may be slight irritation (Rabbit - OECD Test Guideline 405)

Studies of a comparable product.

## SECTION 12 : Ecological Information

### 12.1. Toxicity

**Acute Fish Toxicity** : LC50 (96 h) > 100 mg/l (OECD Test Guideline 203)

### 12.2. Persistence And Degradability

**Biodegradability** : < 70 %, 28 day, not readily degradable (OECD Test Guideline 301 D)

### 12.3. Bioaccumulative Potential

No bioaccumulative potential.

### 12.4. Mobility In Soil

No data available.

SAFETY DATA SHEET according to Regulation (EU) No.453/2010 (Annex II of REACH)

Version : 1.3

Revision Date : 04.01.2021

Print Date : 05.01.2021

Page : 5/5

#### **12.5. Results Of PBT And vPvB Assessment**

The product is not PBT / vPvB substance.

#### **12.6. Other Adverse Effects**

Do not let the product to enter drains, water courses or the soil.

Product does not increase the rate of AOX of disposal water.

### **SECTION 13 : Disposal Considerations**

#### **13.1. Waste Treatment Methods**

Dispose in accordance with applicable international, national and local laws, ordinances and statutes.

### **SECTION 14 : Transport Information**

**Transport for ADR/RID - ADN - IATA - IMDG ;**

**14.1. UN Number** : Not dangerous product.

**14.2. UN Proper Shipping Name** : Not dangerous product.

**14.3. Transport Hazard Class(es)** : Not dangerous product.

**14.4. Packing Group** : Not dangerous product.

**14.5. Environmental Hazards** : Not dangerous product.

#### **14.6. Special Precautions For User**

The product is not dangerous cargo.

### **SECTION 15 : Regulatory Information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances :**

Not applicable.

### **SECTION 16 : Other Information**

The information in this safety data sheet is based on our best experience and knowledge on the date of preparation. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 any process, unless specified in the text.

**Additional Information** : This version replaces all previous versions.