

# Safety Data Sheet

According to Regulation (EC) No. 1907/2006



## Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

### 1.1 Product identifier

**Trade Name** ITEX Powder Adhesive PU75

**REACH Registration Number**

**Substance name**

Thermoplastic aromatic polyurethane, fully reacted

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified use(s)**

Raw material for textile auxiliaries

### 1.3 Details of the supplier of the safety data sheet

**Manufacturer**

ITEX IMAGING PRODUCTS, SL

Av. Del Progrés, 7  
08340 Vilassar de Mar  
Spain

[www.iteximaging.com](http://www.iteximaging.com)  
[info@iteximaging.com](mailto:info@iteximaging.com)

**Telephone (General)** (+34) 937506561

**1.4 Emergency telephone number**

(+34)607988935

## Section 2: Hazards Identification

**EU/EEC**

According to Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]

### 2.1 Classification of the substance or mixture

**CLP** None

### 2.2 Label Elements

**CLP** None

**Hazard statements** None

**Precautionary statements** None

**Prevention**

P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**Response**

**Storage/Disposal**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0,1% or higher.

**CLP**

## Section 3 - Composition/Information on Ingredients

### 3.1 Substances

Thermoplastic aromatic polyurethane, fully reacted

### 3.2 Mixtures

Composition		
Chemical Name	Identifiers	%
N/A	CAS-No./EC No.	

## Section 4 - First Aid Measures

### 4.1 Description of first aid measures

- Inhalation** • IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration and call 911 or emergency medical service.
- Skin** • IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
- Eye** • IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- Ingestion** • If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Rinse mouth. Never give anything by mouth to an unconscious person. If large quantities are swallowed, call a physician immediately.

### 4.2 Most important symptoms and effects, both acute and delayed

- Refer to Section 2 and 11

### 4.3 Indication of any immediate medical attention and special treatment needed

## Section 5 - Firefighting Measures

### 5.1 Extinguishing media

- Suitable Extinguishing Media**
- SMALL FIRES: Dry chemical, CO<sub>2</sub>, water spray or regular foam.
  - LARGE FIRE: Water spray, fog or regular foam.

- Unsuitable Extinguishing Media**
- High volume water jet

### 5.2 Special hazards arising from the substance or mixture

- Unusual Fire and Explosion Hazards**
- Material may burn, but does not ignite readily.
- Hazardous Combustion Products**
- Products of combustion include: carbon oxides (CO<sub>x</sub>), nitrogen oxides (NO<sub>x</sub>).

### 5.3 Advice for firefighters

Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible. Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection. Wear positive pressure self-contained breathing apparatus (SCBA).

## Section 6 - Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

- Personal Precautions**
- Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate enclosed areas.
- Emergency Procedures**
- No emergency procedures are expected to be necessary if material is used under ordinary conditions as recommended. Use normal clean up procedures.

### 6.2 Environmental precautions

- None

### 6.3 Methods and material for containment and cleaning up

- Containment/Clean-up Measures**
- Use appropriate Personal Protective Equipment (PPE)

### 6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 – Disposal Considerations.

## Section 7 - Handling and Storage

### 7.1 Precautions for safe handling

- Handling**
- Use good safety and industrial hygiene practices. Provide sufficient air exchange and/or exhaust in work rooms.

### 7.2 Conditions for safe storage, including any incompatibilities

- Storage**
- Keep container closed when not in use. Store away from extreme heat. Do not freeze.

### 7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

## Section 8 - Exposure Controls/Personal Protection

### 8.1 Control parameters

**Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:**

Refer to Section 3

**Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:**

Refer to Section 3

- Engineering Measures/Controls**
- Local exhaust is recommended. Provide adequate ventilation as necessary.  
Max. permitted exposure level at the place of work: 6 mg/m<sup>3</sup>, general dust limit for powders with at least 50% particle size <63 µm

**Personal Protective Equipment**

**Pictograms**



**Respiratory**

- Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.

**Eye/Face**

- Wear protective eyewear (goggles, face shield, or safety glasses).

**Hands**

- Wear protective gloves - rubber or neoprene.

**Skin/Body**

- Wear protective clothing - apron or other impervious body coverings.

**General Industrial Hygiene Considerations**

- Handle in accordance with good industrial hygiene and safety practice.

Environmental Exposure • No data available  
Controls

## Section 9 - Physical and Chemical Properties

### 9.1 Information on Physical and Chemical Properties

Material Description			
Physical Form	Solid	Appearance/Description	Powder
Color	White	Odor	Noticable
Odor Threshold	N/A		
General Properties			
Boiling Point	Not relevant	Melting Point (range)	105 – 118°C
Decomposition Temperature	Not determined	pH	Not relevant
Specific Gravity/Relative Density	Not relevant	Density	1,21 g/cm <sup>3</sup> (20°C) OECD 109
Water Solubility	Non soluble	Viscosity	Not relevant
Explosive Properties	Not relevant	Oxidizing Properties:	Not relevant
Volatility			
Vapor Pressure	No data available	Vapor Density	Not relevant
Evaporation Rate	Not relevant	VOC (Vol.)	Not relevant
Volatiles (Wt.)	Not relevant	Partition coefficient: n-octanol/water	Not relevant
Flammability			
Flash Point	Not relevant	Upper explosion limit	Not applicable
Lower explosion limit	Not applicable	Autoignition	Not auto-flammable
Flammability (solid, gas)	Not relevant	Ignition Temperature	>350°C
Environmental			
Half-Life	No data available	Octanol/Water Partition coefficient	No data available
Bioaccumulation Factor	No data available	Biocentration Factor	No data available
Biochemical Oxygen Demand BOD/BOD <sub>5</sub>	No data available	Chemical Oxygen Demand	No data available
Persistence	No data available	Degradation	No data available

### 9.2 Other Information

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## Section 10: Stability and Reactivity

### 10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

- Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur under conditions of normal use.

### 10.4 Conditions to avoid

- Protect from freezing, heat and sunlight.

### 10.5 Incompatible materials

- Strong acids and strong bases. Oxidizing agents.

### 10.6 Hazardous decomposition products

- No decomposition is expected under normal storage and use conditions. Hazardous decomposition products formed under fire conditions - carbon oxides (CO<sub>x</sub>), nitrogen oxides (NO<sub>x</sub>).

## Section 11 - Toxicological Information

### 11.1 Information on toxicological effects

Component Name	CAS
Refer to Section 3	
GHS Properties	Classification
Acute toxicity	No data available
Aspiration toxicity	No data available
Carcinogenicity	No data available
Germ Cell Mutagenicity	No data available
Skin corrosion/Irritation	Species: Rabbit (OECD Test Guideline 404) Result: No skin irritation
Skin sensitization	Species: Guinea pig (Maximisation test, Directive 67/548/EEC, Annex V, B.6.) Result: No sensitization by skin contact
STOT-RE	Based on the available data, the classification criteria are not met
STOT-SE	Based on the available data, the classification criteria are not met
Toxicity for Reproduction	No data available
Respiratory sensitization	No data available
Serious eye damage/Irritation	Species: Rabbit (OECD Test Guideline 405) Result: No risk of serious damage to eyes

**Route(s) of entry/exposure** • Skin, Eye

#### Potential Health Effects

##### Skin

**Acute (Immediate)** • None

**Chronic (Delayed)** • None

##### Eye

**Acute (Immediate)** • None

**Chronic (Delayed)** • None

##### Ingestion

**Acute (Immediate)** • None

**Chronic (Delayed)** • None

## Section 12 - Ecological Information

### 12.1 Toxicity

Component	CAS	Data
Refer to Section 3		

### 12.2 Persistence and degradability

Component	CAS	Data
Refer to Section 3		

### 12.3 Bioaccumulative potential

Component	CAS	Data
Refer to Section 3		

### 12.4 Mobility in Soil

No data available

### 12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0,1% or higher.

### 12.6 Other adverse effects

Adsorbed organic bound halogens (AOX):

According to our knowledge, the product does not contain organically linked halogens. The product does not increase the AOX-value of the waste water

Additional ecological information:

According to our knowledge, the product does not contain heavy metals and other compounds of EC directive 2000/60 EC

## Section 13 - Disposal Considerations

### 13.1 Waste treatment methods

**Product waste**

- Dispose of content in accordance with local, regional, national, and/or international regulations.

**Packaging waste**

- Dispose of container in accordance with local, regional, national, and/or international regulations.

### 13.2 Other Information

- Avoid release to the environment. Dispose of wastes in an approved waste disposal facility.

## Section 14 - Transport Information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT / ADR		Not regulated			
IMO/IMDG		Not regulated			
IATA/ICAO		Not regulated			

**14.6 Special precautions for user**

- See chapter 6-8

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

- Not applicable.

## Section 15 - Regulatory Information

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

Currently no information available

### 15.2 Chemical Safety Assessment

Not required

## Section 16 - Other Information

### Relevant Phrases (code & full text)

- P261 - Avoid breathing dust, fume, gas, mist, vapors and/or spray.
- P273 - Avoid release to the environment.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**Classification method for mixtures** • Calculation method.

**Last Revision Date** • N/A

**Preparation Date** • 18 August 2019

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