

Health	1
Flammability	0
Reactivity	0
Personal Protection	B

MATERIAL SAFETY DATA SHEET

Product Name	FOTOLACK	Print Date	26/02/2018
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		Regulation	R.G.26.12.2008-27092

1. Identification of the Substance / Preparation and the Company Undertaking

Product Name: FOTOLACK
Chemical Identification: Water-Based Photopolymer
CAS Number: Mixture / None
Manufacturer: Feteks Kimya Sanayi ve Ticaret Limited Şirketi
Application Field: Photosensitive Emulsion for T-Shirt Printing
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2. Hazard Identification

Classification of the substance or mixture: Not a hazardous substance or mixture.
Classification (67/548/EEC, 1999/45/EC): Not a hazardous substance or mixture.
Label elements
Labeling (GHS): No labeling according to GHS required.
Labeling (67/548/EEC, 1999/45/EC): No labeling required.
Other hazards: Risk of dust explosion.

3. Composition / Information on Ingredients

Ingredients:	CAS No.	Weight %	Symbol	Hazard Phrases
Acrylic Resin Composition	70563-43-8	35-55	-	-

4. First Aid Measures

General Information: Remove soiled or contaminated clothes immediately.
Inhalation: Remove the effected person from exposure to the fresh air. Keep at rest and call a doctor.
Skin Contact: Rinse skin with plenty of water immediately.
Eye Contact: In case of contact with eyes rinse thoroughly with plenty of water, while holding eyelids well open.
Ingestion: If swallowed, do not induce vorniting. Keep at rest and get prompt medical attention.

5. Fire Fighting Measures

Flash Point (°C): 97
OSHA Flammability Classification: None
Extinguishing Media: Foam, CO₂, Dry Chemical, or water mist.
Special Fire Fighting Procedures: Wear self contained breathing apparatus.
Explosion Limits in Air-Lower (%): Unknown

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Explosion Limits in Air-Upper (%): Unknown
Auto Ignition Temp (°C): Unknown
Unusual Fire and Explosion Hazards: None

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Spilled material may cause a slipping hazard. Keep unnecessary and unprotected personnel from entering the area. Use appropriate safety equipment.

Environmental Precautions: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

Methods and Materials for Containment and Cleaning Up: Contain spilled material if possible. Small spills: Any absorbent material. Collect in suitable and properly labeled open containers. Wash the spill site with large quantities of water. Large spills: Dike area to contain spill. Pump into suitable and properly labeled containers.

7. Handling and Storage



Handling: Wash thoroughly after handling.

Storage: Do not store near heat or flame. Keep the containers tightly closed. Material can gel with long exposure to elevated temperatures (Max. 32 °C).

Transportation Temperature: Max. 32 °C

8. Exposure Controls / Personal Protections

Engineering Controls: Use with adequate ventilation.

Respiratory Protection Equipment: Not necessary at room temperature.

Protective Gloves: Usually not required.

Eye and Face Protection: Safety glasses recommended.

Other Protective Equipment: Usually not required.

Ventilation: Local exhaust as needed near processing equipment.

9. Physical and Chemical Properties

Colors: Blue

Odor: Slight

Boiling Range/Point: Solidifies before boiling.

Vapor Pressure: Not Available

Vapor Density (AIR=1): >1

Physical State: Thick Liquid

10. Stability and Reactivity

Reactivity: No dangerous reaction observed under conditions of regular use.

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: Polymerization will not occur.

Conditions to Avoid: Exposure to elevated temperatures can cause product to decompose.

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Generation of gas during decomposition can cause pressure in closed systems. Avoid direct sunlight or ultraviolet sources.

Incompatible Materials: Avoid contact with: Strong acids. Strong bases. Strong oxidizers.

Hazardous Decomposition Products: Depend upon temperature, air supply and the presence of other materials.

11. Toxicological Information

Inhalation LC 50: 140-160 ppm 8 h/day, 16 weeks (rat) not toxic

Dermal LD 50: 9530 mg/kg (rabbit)

Oral LD 50: 5,5 ml/kg; 8,54 g/kg (rat) 7,35 ml/kg; 6,61 g/kg (pig) 13,1 ml/kg; 13,7 g/kg (mouse)

Irritation

Eyes: (Draize) Believed to be <15.00/110 (rabbit) no appreciable effects

Skin: (Draize) Believed to be <.50/8.0 (rabbit) no appreciable effects

12. Ecological Information

Ecotoxicity:

LC 50: 20 mg/l bluegillsunfish (24-48 h)

LC 50: 12,8 mmol/l ciliate (24 h)

LC 50: 92 mg/l pseudomonas putida

EC 50: >100 mg/l microcystis aeruginosa

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

Special Remarks on the Products of Biodegradation: Not available.

13. Disposal Considerations

Product surplus or waste resulting its normal use must be handled according to the precautions and individual protective measures as indicated under 7 and 8 sections. Dispose of materials in accordance with the applicable local regulations. We have no control over the management practices or manufacturing processes of parties handling or using this material.

14. Transport Information

Not a hazardous material for transportation

Dot Regulations Hazard Class: None

Land Transport ADR/RID (Cross Border) ADR/RID Class: Not Restricted

Air Transport ICAO-TI and IATA-DGR, ICAO/IATA Class: Not Restricted

Maritime Transport IMDG, IMDG-Class: Not Restricted

Transport/Additional Information: Not dangerous according to the above specifications

15. Regulatory Information

Hazard Statements: None

Precautionary Statements:

P102: Keep out of reach of children.

P103: Read label before use.

P233: Keep container tightly closed.

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16. Other Information

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