

# EUROPEAN SAFETY DATA SHEET

Release		Supersedes		
Issue	Date	Issue	Date	Printed
3	14/04/04	2	17/12/02	14/04/04

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## 1 Product and company identification

<b>Product name</b>	<b>PHOTEC ALL TYPES</b>
Product description	PHOTOSENSITIVE RESIST
<b>Product code</b>	PHOTEC
<b>Supplier</b>	<b>Enthone B.V.</b> <b>European Masterfile</b> <b>P.O. Box 1111</b> <b>5200 BD 's-Hertogenbosch</b> <b>The Netherlands</b> <b>31-(0)736280111</b>
Contact	European Masterfile, phone : 31-(0)736280126 fax. : 31-(0)736219283 E-mail: gsomers@cooksonelectronics.com
<b>Emergency telephone number</b>	<b>31-(0)736280111</b>

## 2 Composition/information on ingredients

<b>Substance or preparation</b>	Article
<b>Chemical or generic name</b>	Photo sensitive film containing acrylates
<b>Ingredients contributing to the hazard</b>	

## 3 Hazards identification

<b>Most important hazards</b>	May cause sensitization (Caused by the methacrylicesters)
Adverse human health effects	May cause sensitization by skin contact.
<b>Specific hazards</b>	

## 4 First-aid measures

<b>Skin contact</b>	After contact with skin, wash immediately with plenty of water.
<b>Eye contact</b>	Wash eyes with lots of water while lifting eye lids. Continue to rinse for at least 15 minutes and get medical attention.
<b>Ingestion</b>	Never make an unconscious person vomit or drink fluids. Rinse mouth, induce vomiting and call a doctor.

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## 5 Fire-fighting measures

**Extinguishing media suitable**  
**Protection of firefighters**

Water, powder and/or carbon dioxide.  
In case of fire, use independent breathing protection.

## 6 Accidental release measures

**Personal precautions**

For detailed information see chapter 8 under personal protective equipment.

**Environmental precautions**

**Methods for cleaning up**

Disposal

After an accident collect as much as possible spills and/or absorbant material and store in clean original packaging.

## 7 Handling and storage

**Handling**

Technical measures

Precautions

Safe handling advice

Keep roll only in the original container (never leave unwrapped). Support roll before lifting, open on a flat surface.

**Storage**

Technical measures

Storage conditions

Storage conditions suitable

Storage conditions to be avoided

Incompatible products

Packaging materials

Packaging materials recommended

Keep container tightly closed.

Storage temperature between 5°C and 25°C.

Store at a relative humidity of 35-60 %.

Do not store below liquids.

The packaging must be inert and made of polyethylene, sealable and sufficiently strong. Use UN-tested packaging conforming to the packaging group in chapter 14. If the product is not classified for transport, UN-tested packaging for group III is advised.

## 8 Exposure controls/personal protection

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## Control parameters

Limit values

## Personal protective equipment

Hand protection

Neoprene or rubber gloves.

Eye protection

Protective glasses.

## Hygiene measures

Store work clothes separately.

Wash hands before breaks and after work.

## 9 Physical and chemical properties

### Physical state

Form

film

Colour

green

Odour

acrylic

pH

[3]

### Changes in physical state

Boiling point

[1] °C

Melting point

[1] °C

Flash point

148 °C

### Explosion properties

UEL

[3] %

LEL

[3] %

Density

1,100 g/ml at 20 °C

Solubility

[1] g/l in WATER at 20 °C

## 10 Stability and reactivity

Stability

Polymerisation when exposed to sunlight.

### Possible hazardous reactions

Hazardous decomposition products Carbon dioxide (CO<sub>2</sub>) and carbon monoxide (CO)

## 11 Toxicological information

### Acute toxicity

Ingestion

Harmful if swallowed.

### Local effects

Inhalation

Skin contact

This product irritates the skin.

Eye contact

This product irritates the eyes.

Ingestion

### Sensitization

May cause sensitisation by skin contact.

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**Chronic toxicity** No chronic toxicological effects are known with regards to these materials.

## 12 Ecological information

**Ecotoxicity** This product results in a slightly increased COD level.

## 13 Disposal consideration

**Waste from residues** Can be disposed of together with household waste or burnt, observing provincial or local government regulations.  
**Contaminated packaging** Consult with supplier about returning any surplus.

## 14 Transport information

**International regulations**  
**Land (ADR)**  
Class Not restricted.  
**Inland waterways (ADNR)**  
**Sea (IMDG)**  
**Air (IATA)**

## 15 Regulatory information

**Labelling** To the best of our knowledge this product is not a dangerous preparation in accordance with EC guidelines for classifying and labelling dangerous substances and preparations.  
**VbF (D)** Not restricted

## 16 Other information

This safety data sheet is made in good faith and is based on our skill and experience. Enthone furnishes the data contained herein in good faith at customer's request without liability or legal responsibility for same whatsoever, and no warranty or guarantee, express or implied, is made with respect to such data; nor does Enthone grant permission, recommendation, or inducement to infringe any patent whether owned by Enthone, Inc. or others. The data is offered solely for your information and consideration. Since conditions of use are beyond control of Enthone, user assumes all responsibility and risk.

[1] Not relevant [2] Not applicable [3] Not available