

**Material Safety Data Sheet**  
according 1907/2006/EG, Article 31



**Name: Dry Film Soldermask 3,0 mil**

Last changed 08.01.09

**1 Identification of Substance and Company**

<b>TRADE NAME</b>	Soldermask 3,0 mil	<b>MEGA PART No: 500-195-2</b>
<b>APPLICATION</b>		

<b>Importer:</b>	Mega Electronics Ltd.,
<b>Address</b>	Grip Industrial Estate
<b>Postal code</b>	Linton, Cambridge, CB21 4XN
<b>Country</b>	England
<b>Telephone</b>	+44(0)1223 893900
<b>Fax</b>	+44(0)1223 893894
<b>e-mail</b>	<a href="mailto:sales@mega.uk.com">sales@mega.uk.com</a>

C.A.S.	Concentration% wgt/wgt	Ingredient Name	ACGIH-TLV TWA	LD/50	LC/50
1314-60-9	1 - 5	ANTIMONY PENTOXIDE	0.5 MG/M3	NOT AVAILABLE	NOT AVAILABLE
50-00-0	<0.1	FORMALDEHYDE	0.3 MG/M3	100 MG/KG RAT ORAL  42 MG/KG MOUSE ORAL  270 MG/KG RABBIT DERMAL	250 PPM/2H RAT INHALATION 203 MG/M3 RAT INHALATION  454 MG/M3/4H MOUSE INHALATION  505 MG/M3/2H MOUSE INHALATION
	1 - 5	ACRYLIC MONOMER		820 MG/KG RAT ORAL  306 MG/KG RABBIT DERMAL	NOT AVAILABLE
	1 - 5	MELAMINE RESIN		5,000 MG/KG RAT ORAL	NOT AVAILABLE
	5 - 10	MULTIFUNCTIONAL ACRYLIC MONOMER		NOT AVAILABLE	NOT AVAILABLE
	25 - 70	MULTIFUNCTIONAL ACRYLIC MONOMER/OLIGOMER		6200 MG/KG RAT ORAL  >2000 MG/KG RABBIT DERMAL	NOT AVAILABLE



# Material Safety Data Sheet

according 1907/2006/EG, Article 31

**Name: Soldermask 3,0 mil**

Last changed: 08.01.09

## 3 Hazards Identification

**Route of entry:** Skin contact, eye contact, inhalation and ingestion.  
Effects of acute exposure:

**Eye contact:** May cause pain. Corneal injury may occur. May cause irritation.

**Skin contact:** May cause discomfort. May cause itching. May cause irritation. May cause allergic reaction.

**Inhalation:** May cause irritation of the respiratory tract. May cause irritation of the mucous membranes. May cause allergic reactions. May cause nose and throat irritation.

**Ingestion:** May cause digestive tract irritation. May cause irritation of mouth and throat.

**Effects of chronic Exposure:** See effects on acute exposure

## 4 First Aid Measures

**Skin contact:** Flush with large amounts of water, for at least 15 minutes. Consult a physician if irritation persists.

**Eye contact:** Immediately flush with water. Consult a physician if irritation persists.

**Inhalation:** Remove victim to fresh air. If irritation persists, seek medical attention.

**Ingestion:** Induce vomiting as directed by medical personnel.

**Additional information:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any inaccuracies.

**Note to physician:** Treat symptomatically

## 5 Fire Fighting Measures

**Flammability:** Not flammable.

**Conditions of flammability:** Surrounding fire.

**Extinguishing media:** Suitable for surrounding fire.

**Special procedures:** Self-contained breathing apparatus required. Firefighters should wear the usual protective gear.

**Auto-ignition temperature:** Not available.

**Flash point (°C), method:** Not flammable.

**Lower flammability limit (% vol):** Not available.

**Upper flammability limit (% vol):** Not available

## 6 Accidental Release Measures

**Leak/Spill:** Sweep up. Wear appropriate protective equipment. Place in appropriate container for disposal.

## 7 Handling and Storage

**Handling procedures and equipment:**  
Maintain a good personal hygiene.  
Use adequate ventilation.  
Wash thoroughly after using, particularly before eating or smoking.  
Wear personal protective equipment appropriate to task.  
Avoid breathing dust or vapors.  
Avoid contact with skin, eyes and clothing.  
Launder contaminated clothing prior to re-use.

**Storage requirements:**  
Keep out of direct sunlight. Store in a cool, dry and well ventilated area.



**Material Safety Data Sheet**

according 1907/2006/EG, Article 31

**Name: Soldermask 3,0 mil**

Last changed: 08.01.09

**8 Exposure Control/Personal Protection****Precautionary Measures****Gloves/Type:****Respiratory/Type:**

None normally required.

**Footwear/Type:**

As per local regulations.

**Clothing/Type:**

Normal work clothes.

**Other/Type:**

Eye wash facility should be in close proximity.

Emergency shower should be in close proximity.

**Ventilation requirements:**

Local and mechanical ventilation required.

**Exposure limit of material:**

Not available for mixture, see the ingredients section.

**9 Physical and Chemical Properties****Physical state:**

Solid

**Appearance & odor:**

Odourless. Green

**Odor threshold (ppm):**

Not applicable.

**Vapour pressure (mmHg):**

Not applicable.

**Vapour density (air=1):**

Not applicable.

**Volatiles (%):**

Not applicable.

**Evaporation rate (butyl acetate = 1):**

Not applicable.

**Boiling point (°C):**

Not applicable.

**Freezing point (°C):**

Not available.

**pH:**

Not applicable.

**Specific gravity @ 20 °C:**

Not applicable.

**Solubility in water (%):**

Insoluble.

**Coefficient of water/oil dist.:**

Not available.

Note: The physical data presented above are typical values and should not be construed as a specification

**10 Stability and Reactivity****Chemical stability:**

Stable under normal conditions.

**Conditions of instability:**

High temperatures.

**Hazardous polymerization:** Exposure to ultraviolet light will eventually cause non-hazardous polymerization of the dry film.**Incompatible substances:** Oxidizers.**Hazardous decomposition** Carbon monoxide.**Products:** Smoke, Monomers, Carbon dioxide, Toxic fumes, Soot, Acrylics.**11 Toxicological Information****LD 50 of product, species and route:**

Not available for mixture, see the ingredients section.

**LC50 of product, species & route:**

Not available for mixture, see the ingredients section.

**Sensitization to product:**

Prolonged exposure may result in skin sensitization.

**Reproductive effects:**

Not available.

**Teratogenicity:**

Not available.

**Mutagenicity:**

Contains potential mutagen.

**Synergistic materials:**

Not available.



**Material Safety Data Sheet**  
according 1907/2006/EG, Article 31

**Name: Soldermask 3,0 mil**

Last changed: 08.01.09

**12 Ecological Information**

**Environmental toxicity:** No data at this time.  
**Environmental fate:** No data at this time.  
**Ecological information:** Formaldehyde. Toxicity to fish: LC50 50 mg/l/48h rainbow trout (salmo gairdneri) .

**13 Disposal Considerations**

Waste disposal: Dispose in accordance with local, provincial/state, and federal regulations.

**14 Transport Information**

**DOT:** Not regulated.  
**Special shipping information:** See transportation information.

**15 Regulatory Information**

**European Union (EU) EU labeling not required.**  
**Regulatory Information:** This product is not dangerous as defined by the European Union.  
**EU Risks:** Not applicable.  
**EU Safety:** Not applicable.  
**EINECS#:** CAS# 50-00-0 - EINECS# 200-001-8. CAS# 1314-60-9 - EINECS# 215-237-7.  
**EU Classification:** Not applicable.

**16 Other Information**

**VENDOR NOTES**  
Information in this safety data sheet is based on information from the manufacturer and current regulations, and is only intended to be a description of the health and safety aspects of the product.

**ISSUED:** 30.01.08

