

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

Internal No.: 702020

Name: Dry Film Soldermask 3,0 mil

Last changed: 08.01.09

1 Identification of Substance and Company

TRADE NAME	Soldermask 3,0 mil (Mega Part Number: 500-095-1)
APPLICATION	

Producer	Bungard Elektronik GmbH & Co. KG	UK Supplier: Mega Electronics Ltd.,
Address	Rilkestraße 1	Mega House, Grip Industrial Estate,
Postal code	51570 Windeck	Linton, Cambridge, CB21 4XN
Country	Germany	United Kingdom.
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Contact pers.	J. Bungard	John Wells
e-mail	support@bungard.de	sales@megauk.com
Emergency contact	Beratungsstelle bei Vergiftungen, Mainz, Tel. 06131 / 19240	

2 Composition/Information on Ingredients

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



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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 reuse.

Storage requirements:

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



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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.



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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: 30.01.0

REVISION HISTORY

Version	Rev. date	Responsible	Changes
0.0.0		J. Bungard	



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