

## MATERIAL SAFETY DATA SHEET

### MEGOLON™ FIRE RETARDANT CABLE COMPOUNDS

#### 1. IDENTIFICATION

##### **Commercial Names and Product Numbers :**

<u>Megolon Grade Name</u>	<u>Megolon Grade Name</u>	<u>Megolon Grade Name</u>
S300	S538	S800
S300UV	S540E	HF1835
S304	S540NS	HF1876
S306UV	S540UV	HF8030
S310	S545	HF8037
S310NS	S550	HF8037DD
S336	S550E	HF8110
S340	S550UV	HF8110LD
S340UV	S552	HF8110RD
S345	S552UV	HF8130
S346	S553	HF8142
S347	S560UV	HF8553
S380	S572	
S500	S573	IN200
S500E	S640	IN204
S500UV	S642	IN700
S501	S642E	
S501UV	S643	XLi710
S504	S643UV	CAT710
S530	S643V	
S530UV	S643WV	FB119
S534	S650	
S535	S652	

**Description :** A range of thermoplastic, fire retardant, low smoke, cable extrusion compounds.

**Manufacturers :** AlphaGary Ltd.  
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#### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Megolon grades are mixtures of compounds, none of which are classified as hazardous in accordance with Directive 67/548/EEC.

Megolon grades comply with all applicable rules and orders under TSCA and all of the ingredients can be found on the TSCA inventory.

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#### 3. HAZARDS IDENTIFICATION

The material is not considered to be hazardous in the solid state. In the molten state, the typical precautions for handling hot, sticky, viscous melts must be observed.

**Skin Contact :** Normally no effect. The material is inert in the solid state and can thus be handled using normal industrial hygiene. Wash hands with soap and water before taking food or toilet visits and at the end of shifts.  
Exposure to hot material may cause thermal burns.

**Fumes evolved during processing :** Under normal process conditions, the amount of fume evolved is small. The fumes can be irritating but are non-toxic. However, gross overheating (>250°C) will cause decomposition and the evolution of irritant and harmful fumes of acetic acid and carbon monoxide. Good ventilation by local fume extraction is recommended in order to keep employee exposure as low as reasonably practical.

#### 4. FIRST AID

**Skin Contact :** If the molten product contacts bare skin:-

- Immediately immerse the affected area in clean, cold water.
- Do **NOT** remove the cold compound from the skin.
- Cover the affected area with a wet compress and cover this with a dry and sterile dressing.
- Seek medical attention.

**Eye Contact :** Treat as for any solid object in the eye

**Inhalation :** Remove the person to fresh air and if irritation continues, seek medical help

**Ingestion:** First aid not normally required.

#### 5. FIRE- FIGHTING MEASURES

**Extinguishing Media :** In a general fire use water, CO<sub>2</sub>, dry chemical, or foam.

**Fire Hazards :** Precautions should be taken to avoid build-up of static charge whilst discharging a material ready for processing. If a build up of static charge occurs, it may give rise to electrical sparks. Megolon is non-flammable, but will decompose in a general fire (>250°C) and evolve irritant and harmful fumes of acetic acid and possibly carbon monoxide. In a serious fire wear breathing apparatus with an independent air supply.

#### 6. ACCIDENTAL RELEASE MEASURES

Sweep up material and place in a suitable container for re-cycling or disposal.

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#### 7. HANDLING AND STORAGE

**Handling :** Ensure equipment is earthed in order to prevent static build-up. Provide good ventilation during processing.

**Storage :** Store in a dry atmosphere at ambient temperature

#### 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

**Protection :** Thermally resistant gloves and goggles or safety spectacles are required when working with hot melt and hot machinery.

**Occupational Exposure**

**Limits for Respirable Dust :** 4mg / m<sup>3</sup> (8hr TWA)

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance :** Form: Solid pellets  
Colour: Natural or black, other colours are available  
Odour: Faint ester-like

**Physical Data :** % Volatiles: < 0.1%

#### 10. STABILITY AND REACTIVITY

**Stability :** Stable. Avoid temperatures above 250°C and excessive periods during which product remains molten

**Hazardous**

**polymerisation :** Does not occur

#### 11. TOXICOLOGICAL INFORMATION

Not toxic

#### 12. INFORMATION ON ECOLOGICAL EFFECTS

None known

#### 13. INFORMATION ON WASTE DISPOSAL

**European Waste Catalogue code :** 20 01 39

Dispose of as non-toxic landfill in accordance with local, state and federal rules and regulations. Incinerate only in purpose-built incinerators.

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#### 14. TRANSPORT INFORMATION

No legal requirements.

#### 15. REGULATORY INFORMATION

- Not classified as hazardous in accordance with EU rules.
- This product contains no chemicals that are reportable under SARA Title III, Section 313 Toxic Release Inventory.
- Under SARA Title III, Section 311/312, the following hazards apply : None known.
- All components in this product are exempt or listed on the TSCA Inventory.

#### 16. FURTHER INFORMATION

- The above information is based on current knowledge and experience of the product(s). It should not be construed as guaranteeing specific properties.
- Refer to Product Technical Data Sheet for information on specific product characteristics and applications.
- As these products are regarded as non-hazardous, customers will not be automatically updated with any later issues of this MSDS.