

## 1 Identification of the Substance/Preparation and of the Company

**Identification:** *HDPE Mingalen 1 S*  
*HDPE Mingalen 2 S*  
*HDPE Mingalen 3 S*  
*HDPE Mingalen 4 S*

**Chemical nature:** thermoplastic molding compound

### Company:

MCAM Symalit AG, Appenzell Branch  
Industriestrasse 19  
CH - 9050 Appenzell  
Tel. +41 71 7880120, Fax. +41 71 7880121, [info@minger.ch](mailto:info@minger.ch)

### Emergency Phone No.:

Toxicological informationcenter Switzerland, Tel. +41 44 2515151

## 2 Hazards Identification

The substance is not classified as hazardous in the sense of directive 1999/45/EC and 2006/121/EC  
The preparation will burn in fire. Risk of skin burns caused by hot melt. Classification according GHS not needed

## 3 Composition/Information on ingredients

### Information of ingredients:

Polyethylene high density	CAS No. 9002-88-4	>98%
Additive ungefährlich,	n.n.	<1%
Carbon Black	CAS No: 1333-86-4	<2%

### Other information:

The substance included no hazardous Components.  
If applicable reinforcements, filter media, pigemnt, additive, dyestuffs.

## 4 First aid measures

### Inhalation

If feeling unwell seek medical advice. Remove patient from exposure.

### Skin contact

After contact with skin, wash immediately with plenty of soap and water.  
In the event of contact with molten product: Cool affected area quickly with water. Do not attempt remove hardened product Obtain medical attention.

### Eye contact

Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes.

### Further Medical Treatment

Unlikely to be required but if necessary treat symptomatically

## 5 First-Fighting Measures

### **Suitable extinguishing media :**

water spray, Foam, CO<sub>2</sub>, Dry Powder

### **Specific hazards fumes in fires :**

may be released in case of fire : Carbon mono oxide, nitric oxide, ammonia, decomposed organic chemicals. Under certain fire condition, trace of the toxic products may occur.

### **Other :**

Dispose of contaminated extinction water according to official regulation.

## 6 Accidental release measurs

### **Personal Precautions :**

Avoid inhalation and contact with eyes or skin. Avoid build up of dust.

### **Environmental Exposure Controls :**

Avoid release to the environment. Prevent surface and ground water infiltration, as well as ground penetration.

### **Methodes for cleaning up**

Use mechanical handling equipment

## 7 Handling and storage

### **Handling:**

General hygiene measures for the handling of chemicals are applicable. Eating, drinking, smoking, as well as food storage, is prohibited in work room. Avoid build up of dust. Local Exhaust Ventilation at the workplace or on the processing machines required.

Note : Danger of explosive dust

### **Storage :**

No special precautions required.

Store products enclosed, in original packing.

## 8 Exposure Controls / Personal Protection

### **Respirators**

If above exposure limits likely to be exceeded, breathing mask with fine dust filter (EN 143)

### **Hand protection**

Protective heat-insulation gloves are to be used during thermal processing.

Any areas of the skin covered with dust must be washed immediately with soap and water as the powder draws out natural moisture from skin. Use barrier cream regularly.

### **Eye Protection**

Recommended, e.g. eye protection with side protection

### **Hygiene**

Smoking, eating and drinking should be prohibited in the application area.

## 9 Physical and chemical Properties

Form:	Granules
Color:	black
Odor:	odourless
density (20 °C):	0.92 – 0.97 g/cm <sup>3</sup>
Melting Point:	50 - 140 °C
Ignition Temperature	> 360°C
Water solubility (20 °C)	insoluble

## 10 Stability and Reactivity

### Conditions to avoid :

Decomposes at temperatures above 360°C  
Electrostatic charge. Open flame, ignition sources

### Materials to avoid

concentrated Sulphuric acid

### Hazardous Decomposition :

Oxides of carbon

## 11 Toxicological Information

No harmful effects have become known as yet.

## 12 Ecological Information

The substance is water-insoluble and has low mobility in soil. The substance is not biodegradable and has low toxicity to aquatic organisms.

### Disposal Consideration

With respect to local regulations, e.g. dispose of to suitable waste incineration plant. Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

## 13 Transport Information

UN No.	Not classified
ADR/RID	Not classified
ADR/VLG	Not classified
ADNR	Not classified
IMO-IMG code	Not classified
ICAO/IATA	Not classified

## 14 Regulatory Information

Not subject to labeling provisions by GHS

## 15 Other Information

The data presented here correspond to the present state of our knowledge and experience and are intended to describe our product with respect to possible safety demands. These details refer to the product as it is delivered.

We imply with this however no guarantee of properties or description of qualities