

SAFETY DATA SHEET

[in accordance with the regulation no. 1907/2006/EG (REACH)]

Revision: 02.08.2018

Version: 3/ENG

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1 Product identifier

Trade name: **PLASTIFLOOR® Sylothix 51**

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Coating.

Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Supplier: **Plasti-Chemie Produktionsgesellschaft mbH**

Address: Falgardring 1
D-08223 Falkenstein
Germany

Telephone/Fax number: +49 3745/74432-0 / +49 3745/74432-27

E-mail address for a competent person responsible of sds: volkmar.lull@plasti-chemie.de

Further information provided by: Mr. Volkmar Lull, +49 3745/74432-0

1.4 Emergency telephone number

Chemtrec: 1-800-424-9300 for US

+1 703-527-3887 outside US

Europa 112

Österreich +43 1 406 43 43

Belgien Poison center (BE): +32 70 245 245

Dänemark Poison Control Hotline (DK): +45 82 12 12 12

Finnland Poison Information Centre (FI): +358 9 471 977

Frankreich ORFILA (FR): + 01 45 42 59 59

Deutschland Giftnotruf Berlin, Tel. 030 30686 790

Poison Center Nord: +49 551 19240 (24h erreichbar, Deutsch und Englisch)

Poison Information Centre Erfurt: +49 361 730730 (Gemeinsames Giftinformationszentrum der Länder Mecklenburg-

Vorpommern, Sachsen, Sachsen-Anhalt und Thüringen c/o HELIOS Klinikum Erfurt Nordhäuser Straße 74, 99089 Erfurt)

Irland National Poisons Information Centre (IE): +353 1 8379964

Island +354 543 2222

Italien Poison Center, Milan (IT): +39 02 6610 1029

Luxemburg 112

Niederlande National Poisons Information Center (NL): +31 30 274 88 88 (NB: this service is only available to health professionals)

Norwegen Poisons Information (NO): + 47 22 591300

Portugal Poison Information Center (PT): +351 21 330 3284

Spanien Poison Information Service (ES): +34 91 562 04 20

Schweden Poisons Information Center (SV): +46 8 33 12 31

Schweiz Poison Center: Tel 145; +41 44 251 51 51

Großbritannien NHS Direct (UK): +44 (0) 845 46 47; 111

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to regulation (EG) 1272/2008/WE

No hazardous material

2.2 Label elements

No Relevant, according to Regulation (EG) 1272/2008 [CLP] labelling.

2.3 Other hazards

The components of this mixture do not meet the criteria for PBT or vPvB in accordance of Annex XIII of REACH.

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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1 Substance**
Polyethylene; CAS 9002-88-4.
- 3.2 Mixture**
Chemical characterization and description: Polymer.

ABSCHNITT 4: FIRST AID MEASUREMENTS

- 4.1 Description of first aid measurements**
- | | |
|----------------------|---|
| General information: | In all cases of doubt or when symptoms persist, seek medical advice. |
| Inhalation: | Supply fresh air or oxygen, seek medical attention. |
| Skin contact: | Wash immediately with soap and water and rinse thoroughly. |
| Eye contact: | Wash the eye with the eyelid open for several minutes under running water.
If eye irritation occurs consult an eye doctor. |
| Ingestion: | Rinse your mouth and drink plenty of water.
In all cases of doubt or when symptoms persist, seek medical advice. |
- 4.2 Most important symptoms and effects, both acute and delayed**
So far no known symptoms or effects.
- 4.3 Indication of any immediate medical attention and special treatment**
Symptomatic treatment.

SECTION 5: FIREFIGHTING MEASURES

- 5.1 Extinguish media**
Suitable extinguish media: Water spray; CO2; extinguishing powder, foam.
Unsuitable extinguish media: Water with full jet
- 5.2 Special hazards arising from the substance or mixture**
Under certain fire conditions traces of other toxic substances are possible. Cracked Hydrocarbons, carbon monoxide and carbon dioxide.
- 5.3 Advise for firefighters**
General advice: Danger of dust explosion.
Special protective equipment: Self-contained breathing apparatus

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures**
Avoid dust formation. In the presence of vapour, dust or aerosols wear respiratory protection.
- 6.2 Environmental precautions**
No special environmental precautions required.
- 6.3 Methods and material for containment and cleaning up**
Pick up mechanically. Avoid dust formation.
- 6.4 Reference to other sections**
Disposal: Section 13. Personal protective equipment: Section 8

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SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling**
Avoid dust formation. For filling, refilling or dosing use dust extraction.
Precautions for prevention of fires and explosions:
Product is: Combustible. Danger of dust explosion. Keep ignition sources away - Do not smoke. Before opening the container provide extinguisher
- 7.2 Conditions for safe storage, including any incompatibilities**
General information: Keep dry
Additional information:
Storage class: 2
- 7.3 Specific end use(s)**
No further relevant information available.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters**
Components with community workplace exposure limits:
general dust limit 1,25 mg/m³
- 8.2 Exposure controls**
Respiratory protection:
Not required with adequate ventilation.
At inadequate ventilation use respiratory protection.



Half mask

Hand protection:

Not mandatory.

Eye protection:



Dust goggles

Body protection:

Not mandatory..

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:

Physical state: Solid, powder

Colour: White

Odour: Odorless

Odour threshold: Not relevant.

Safety relevant basic data:

Parameters

Density: 0,95 **Unit** g/cm³

Bulk density:

pH value:

Melting point/Melting range:

Boiling point/Boiling range:

Flash point:

Remark

not determined
not determined
not applicable
not determined
combustible

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<i>Inflammability (solid/gaseous)</i>			not explosive ¹
<i>Explosion dangerousness:</i>	30	g/m ³	
<i>lower Explosion limit:</i>	11000	g/m ³	
<i>upper Explosion limit:</i>			not determined
<i>Ignition temperature:</i>			not determined
<i>Decomposition temperature:</i>			not oxidising
<i>Oxidising potential:</i>			not applicable
<i>Vapour pressure:</i>			not applicable
<i>Rate of vaporization:</i>			insoluble
<i>Water solubility:</i>			insoluble
<i>Liposolubilty:</i>			not determined
<i>Soluble in:</i>			not determined
<i>Distribution coefficient:</i>			not applicable
<i>n-Octanol/Water:</i>			not applicable
<i>Viscosity:</i>			not determined
<i>Solvent separation test:</i>			not determined
<i>Solvent content:</i>			
¹ dust explosion possible.			

9.2 Other information

No further relevant information available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No further information relevant.

10.2 Chemical stability

No further relevant information available.

10.3 Possible hazardous reactions

No further relevant information available.

10.4 Conditions to avoid

Keep ignition sources away - Do not smoke.

10.5 Incompatible materials

No further relevant information available.

10.6 Hazardous decomposition products

No further relevant information available.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity:

Relevant LD/LC50 Values:

No further relevant information available

Irritation to the skin:

Non-irritant.

Serious eye damage/irritation:

Non-irritant.

Sensitization:

Non-sensitizing.

Risk of aspiration toxicity:

Based on available data the classification criteria are not met.

CMR effects:

Carcinogenicity

Based on available data the classification criteria are not met.

Germ cell mutagenicity

Based on available data the classification criteria are not met.

Reproductive toxicity

Based on available data the classification criteria are not met.

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SECTION 12: ECOLOGICAL INFORMATION

- 12.1 Toxicity**
No further relevant information available.
- 12.2 Persistence and degradability**
Not persistent.
- 12.3 Bioaccumulative potential**
No indication of bioaccumulation potential.
- 12.4 Mobility in Soil**
A significant mobility in soil is not expected.
- 12.5 Results of PBT and vPvB assessment**
The PBT/vPvB criteria of REACH are not applicable for this substance.
- 12.6 Other adverse effects**
No further relevant information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal methods for the product:

Disposal according to official regulations.

European waste catalogue

Product	07 02 99	Waste n.o.s.
Packaging	15 01 06	mixed packaging

Disposal methods for use packing:

Completely emptied packings can be re-cycled.

SECTION 14: TRANSPORT INFORMATION

- 14.1 UN-Number**
Not relevant.
- 14.2 UN proper shipping name**
Not relevant.
- 14.3 Transport hazard class(es)**
Not relevant.
- 14.4 Packing group**
Not relevant.
- 14.5 Environmental hazards**
Not relevant.
- 14.6 Special precautions for user**
ADR, IATA, IMDG Remark: No dangerous good in sense of this transport regulation.
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**
Not applicable.

SECTION 15: REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations/legislation specific to the substance or mixture**
Directive 2012/18/EU
National regulations:
Other regulations, limitations and prohibitive regulations

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Water hazard class: 0 not hazardous for water.

15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

SECTION 16: OTHER INFORMATION

Additional details:

Classification was made based on the data on the content of hazardous substances using the calculation method based on the guidelines of regulation 1272/2008/EC (CLP).

Safety Data Sheet issuing person:

Pascal Konrad

Safety Data Sheet issued on:

25.08.2016