

# Material Safety Data Sheet

Trade name: Steodur PUR Accelerator

Product no.: 6D972-0000

Version: BUS111109

Date of printing: 12.22.2009

## 1.) Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

Trade name

**Steodur PUR Accelerator**

### **Company/undertaking identification**

#### **Address**

Bergolin GmbH & Co. KG

Kiepelbergstr. 14

27721 Ritterhude

Telephone no. +49 (0) 4292 998 0

Fax no. +49 (0) 4292 998 43

#### **Emergency telephone**

+49 (0) 4292 998 0 8 a.m. to 4 p.m. (CET)

msds@bergolin.de

## 2.) Hazards identification

### **Immediate hazards**

#### **General**

WARNING

May cause allergic skin reaction.

May be harmful if swallowed.

#### **Potential environmental effects**

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### **Potential Health Effects**

##### **Eye**

No hazard in normal industrial use.

##### **Skin**

May cause skin sensitization, an allergic reaction, which becomes evident on subsequent exposure to this material.

##### **Inhalation**

No hazard in normal industrial use.

##### **Ingestion**

May be harmful if swallowed. Ingestion of this product may result in central nervous system effects including headache, sleepiness, dizziness, slurred speech and blurred vision.

##### **Carcinogenicity**

None of the components present in this material at concentrations equal or greater than 0.1% is listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

## 3.) Composition/information on ingredients

### **Chemical characterization**

Mixture (preparation)

### **Hazardous ingredients**

**Bis(6-methylheptyl)(dioctylstannanediyldithio) di(acetate)**

CAS no. 26401-97-8

**Bis(dodecylthio)dimethylstannane**

CAS no. 51287-84-4

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## 4.) First aid measures

### **General information**

In all cases of doubt, or when sickness symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. Remove soiled or soaked clothing immediately.

### **After inhalation**

Remove to fresh air, keep patient warm and at rest. Irregular breathing/no breathing: artificial respiration. If unconscious place in recovery position and seek medical advice.

### **After skin contact**

Remove contaminated clothing immediately and dispose of safely. Wash skin thoroughly with soap and water or use recognized skin cleaner. Do NOT use solvents or thinners!

### **After eye contact**

Remove contact lenses, irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.

### **After ingestion**

Do not induce vomiting. Keep at rest. Call a doctor.

## 5.) Firefighting measures

### **Suitable extinguishing media**

Alcohol resistant foam, CO<sub>2</sub>, powders, water spray

### **Extinguishing media that must not be used for safety reasons**

Full water jet

### **Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases.**

Fire will produce dense, black smoke. Exposure to decomposition products may cause a health hazard.

### **Special protective equipment for firefighting**

As in any fire, wear self-contained breathing apparatus pressure - demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### **Other information**

Cool endangered containers with water in case of fire. Do not allow run-off from firefighting to enter drains or waterways.

## 6.) Accidental release measures

### **Personal precautions**

Exclude sources of ignition and ventilate the area. Do not inhale vapors. Refer to protective measures listed in sections 7 and 8.

### **Environmental precautions**

Do not allow to enter drains. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

### **Methods for cleaning up/taking up**

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in suitable container for disposal.

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## 7.) Handling and storage

### Handling

#### Advice on safe handling

Comply with the health and safety at work laws. Do not eat or drink during work - no smoking. Avoid contact with eyes, skin, and clothing.

### Storage

#### Requirements for storage rooms and vessels

Keep container tightly closed. Never use pressure to empty: container is not a pressure vessel. No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

#### Hints on storage assembly

Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.

#### Further information on storage conditions

Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Keep container dry in a cool, well-ventilated place.

#### Recommended storage temperature

Value                      59       -       86                      °F

## 8.) Exposure controls/personal protection

### Exposure controls

#### Engineering controls

Provide adequate ventilation. This could be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations below the OEL (Occupational Exposure Limit), suitable respiratory protection must be worn.

#### Personal protective equipment

##### Respiratory protection

When spraying: Positive pressure air supplied respirator required (MHSA/NIOSH approved).

For applications other than spraying: In well ventilated areas, air supplied respirators could be replaced by properly fitted combination organic vapor/particulate NIOSH/MHSA approved respirators.

Wear an approved NIOSH/MHSA dust respirator when sanding or abrading the cured and dried film.

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## Hand protection

The following glove(s) should be used for protection :

Appropriate material butyl rubber

## Eye Protection

Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent).

## Skin Protection

Wear clothing appropriate for handling chemicals. All parts of the body should be washed with soap and water after contact.

## General protective and hygiene measures

Avoid product contact with skin, eyes and clothing. Avoid the inhalation of dust when sanding or abrading the cured film.

Wash hands with soap and water after use.

## 9.) Physical and chemical properties

### General information

Form liquid

Color blue

Odor characteristic

### Important health, safety and environmental information

#### Change in physical state

Value no data available

#### Flash point

Value 212 °F

#### Ignition temperature

Value not applicable

#### Explosion limits

Remarks not applicable

#### Vapor pressure

Value appr. 0.31 mbar

Reference temperature 68 °F

#### Density

Value 8.51 lbs/gallon

Reference temperature 68 °F

#### Viscosity

Type dynamic

Value 2000 - 2500 mPa\*s

#### Solubility in water

Remarks insoluble

#### Solvent content

Value 0 % vol

#### Solvent separation test

Value < 3 % vol

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## **10.) Stability and reactivity**

### **Conditions to avoid**

Stable under recommended storage and handling conditions (See Section 7).

### **Materials to avoid**

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

### **Hazardous decomposition products**

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

### **Thermal decomposition**

Remarks                      No decomposition if used as prescribed.

## **11.) Toxicological information**

### **Experience in practice**

Exposure of vapor concentration in excess of the stated OEL's may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

The liquid splashed in the eyes may cause irritation and reversible damage.

### **Other information**

Product specific toxicological data are not known.

## **12.) Ecological information**

### **Other adverse effects**

Ecological data are not available.

Do not discharge product unmonitored into the environment.

## **13.) Disposal Considerations**

### **Product**

Dispose in accordance with federal, state and local regulations.

## **14.) Transport information**

### **Other information**

The product is not defined under national/international road, rail, sea and air transport regulations as a hazardous material. Not DOT regulated.

## **15.) Regulatory information**

### **Regulations**

#### **US Federal Regulations**

#### **TSCA (Toxic Substances Control Act)**

All of the components of this product are either listed on the TSCA Inventory or are not subject to the notification requirements (exempt).

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## Clean Water Act (CWA)

None of the ingredients is listed.

## OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

Following ingredients are Hazardous by definition of Hazard Communication Standard: not determined

## SARA Section 302 (RQ):

None of the ingredients is listed.

## SARA HAZARD CATEGORY (Section 311/312)

Acute Health Hazards

## SARA Section 313

None of the ingredients is listed.

## HAPS (Hazardous Air Pollutants) according to Clean Air Act

None of the ingredients is listed.

## State Regulations

### California Proposition 65.

None of the ingredients is listed.

### Pennsylvania HAZARDOUS SUBSTANCE LIST

Following ingredients are listed:

CAS-No. 107-98-2 < 0.5%

### New Jersey Worker and Community Right to Know Act.

Following ingredients are listed:

CAS-No. 107-98-2 < 0.5%

## Other international listings

### IRAC

None of the ingredients is listed in group 1, 2A or 2B.

Volatile organic compounds (VOC)

Pound/gallon 0.03

## 16.) Other information

### HMIS Classification

Health 2

Flammability: 1

Reactivity 1

PPE G

### NFPA Rating

Health 2

Fire Hazard 1

Reactivity 1

### Other information

Abbreviations

ACGIH American Conference of Governmental Hygienics

CAS Chemical Abstracts Service

HAPS Hazardous Air Pollutants

HMIS Hazardous Material Identification System

IARC International Agency for Research on Cancer

IDLH Immediate Dangerous to Life and Health

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LEL Lower Explosion Limit  
NTP National Toxicology Program  
OEL Occupational Safety and Health Administration  
PEL Permissible Exposure Limit  
PPE Personal Protection Equipment  
SARA Superfund Amendments and Reauthorization Act  
STEL Short-Term Exposure Level (15 minutes)  
TWA Time-Weighted Average (8 hours)  
UEL Upper Explosion Limit  
VOC Volatile Organic Compounds  
WEEL Workplace Environmental Exposure Level

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any Specific product and shall not establish a legally valid relationship.