

Material Safety Data Sheet

Trade name: Steodur PUR Filler Fine

Product no.: 6D977-9018

Version: BUS122209

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 Filler Fine

Company/undertaking identification

Address

Bergolin GmbH & Co. KG

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2.) Hazards identification

Immediate hazards

General

WARNING

May cause allergic skin reaction.

May be harmful if swallowed.

Potential Health Effects

Eye

May cause eye irritation.

Skin

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

Inhalation

No hazard in normal industrial use.

Ingestion

May cause vomiting.

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

BARIUM SULPHATE

CAS no. 7727-43-7

TALC

CAS no. 14807-96-6

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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, CO₂, 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 water courses.

6.) Accidental release measures

Personal precautions

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 limit values

BARIUM SULPHATE

CAS no. 7727-43-7

EC no. 231-784-4

ACGIH

Barium sulfate

TWA 10 mg/m³

LIMITS FOR AIR CONTAMINANTS (OSHA)

Barium sulfate

Total dust

TWA 15 mg/m³

LIMITS FOR AIR CONTAMINANTS (OSHA)

Barium sulfate

Respirable fraction

TWA 5 mg/m³

TALC

CAS no. 14807-96-6

EC no. 238-877-9

LIMITS FOR AIR CONTAMINANTS (OSHA)

Talc (containing no asbestos)

Respirable dust

ACGIH

Talc (containing no asbestos fibers)

TWA 2 mg/m³

Exposure controls

Engineering controls

Provide adequate ventilation. This could be achieved by the use of the 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.

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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.

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 according product name
Odor characteristic

Important health, safety and environmental information

Change in physical state

Value no data available

Flash point

Value 392 °F

Ignition temperature

Value not applicable

Explosion limits

Remarks not applicable

Density

Value 19.86 lbs/gallon
Reference temperature 68 °F

Viscosity

Remarks thixotropic

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

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:

CAS -No. branched polyol; polyesterpolyol; 7727-43-7; 14807-96-6

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. 108-94-1<0.5%; 14807-96-6; 7727-43-7

New Jersey Worker and Community Right to Know Act.

Following ingredients are listed:

CAS-No. 108-94-1<0.5%; 14807-96-6

Other international listings

IRAC

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

Volatile organic compounds (VOC)

Pound/gallon 0.19

16.) Other information

HMIS Classification

Health 1

Flammability: 1

Reactivity 1

PPE E

NFPA Rating

Health 1

Fire Hazard 1

Reactivity 1

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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
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