

Safety data sheet

Page: 1/6

BASF Safety data sheet according to Regulation (EC) No.1907/2006

Date / Revised: 27.01.2009

Product: **Styrodur* 3035 CS 1265x615x100mm**

Version: 1.0

(30043354/SDS_GEN_GB/EN)

Date of print 28.01.2009

1. Substance/preparation and company identification

Styrodur* 3035 CS 1265x615x100mm

Use: Extruded foam plates for thermal insulation in the building industry.

Company:BASF SE
67056 Ludwigshafen
GERMANYContact address:BASF PLC
PO Box 4, Earl Road
Cheadle Hulme, Cheshire
GREAT BRITAIN
SK8 6QG
Telephone: +44 161 485-6222
Telefax number: +44 161 4274
E-mail address: product-safety-north@basf.comEmergency information:International emergency number:
Telephone: +49 180 2273-112

2. Hazard identification

No particular hazards known.

3. Composition/information on ingredients

Chemical nature

Polymer based on: polystyrene

BASF Safety data sheet according to Regulation (EC) No.1907/2006

Date / Revised: 27.01.2009

Version: 1.0

Product: **Styrodur* 3035 CS 1265x615x100mm**

(30043354/SDS_GEN_GB/EN)

Date of print 28.01.2009

Contains: dyes

This product contains (a) substance(s) included on the candidate list according to article 59 (1,10) of regulation EC No. 1907/2006 ('REACH') in a concentration above 0.1% w/w: flameproofing agent, hexabromocyclododecane

Hazardous ingredients

hexabromocyclododecane

Content (W/W): <= 1.5 %
CAS Number: 25637-99-4
EC-Number: 247-148-4
Hazard symbol(s): N
R-phrases: 50/53

The wording of the hazard symbols and R-phrases is specified in chapter 16 if dangerous ingredients are mentioned.

4. First-aid measures

General advice:

No special precautions necessary.

5. Fire-fighting measures

Suitable extinguishing media:
water

Specific hazards:
carbon dioxide, carbon monoxide, carbon black

Further information:

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

6. Accidental release measures

Personal precautions:

No special precautions necessary.

7. Handling and storage

Handling

Ensure thorough ventilation of stores and work areas. Exhaust ventilation at processing machines is required during thermal processing and/or machining.

Processing machines must be fitted with local exhaust ventilation.

Protection against fire and explosion:

The product is not easily combustible, however it can burn.

Storage

Storage stability:

May be stored indefinitely at room temperature.

8. Exposure controls and personal protection

Components with workplace control parameters

none

Personal protective equipment

General safety and hygiene measures:

No special precautions necessary.

9. Physical and chemical properties

Form: solid, sheets
Colour: green
Odour: faint specific odour

pH value: not applicable

softening temperature: > 100 °C

Ignition temperature: approx. 370 °C

Density: 40 kg/m³

Solubility (qualitative) solvent(s): aromatic hydrocarbons
soluble

Solubility (qualitative) solvent(s): organic solvents
soluble

10. Stability and reactivity

Thermal decomposition: approx. 135 °C

Gaseous products of degradation can be given off if the product is greatly overheated.

11. Toxicological information

Acute toxicity

Assessment of acute toxicity:
not applicable

Irritation

Assessment of irritating effects:
Not irritating to the skin. Not irritating to the eyes.

Other relevant toxicity information

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

12. Ecological information

Ecotoxicity

Assessment of aquatic toxicity:
There is a high probability that the product is not acutely harmful to aquatic organisms. The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.

Toxicity to fish:
LC50 (96 h) > 500 mg/l, *Leuciscus idus* (DIN 38412 Part 15)
other TS

Persistence and degradability

Assessment biodegradation and elimination (H₂O):
Experience shows this product to be inert and non-degradable. The product has not been tested. The statement has been derived from products of a similar structure and composition.

Bioaccumulation potential

Bioaccumulation potential:
The product will not be readily bioavailable due to its consistency and insolubility in water.

Additional information

Add. remarks environm. fate & pathway:
At the present state of knowledge, no negative ecological effects are expected.

Other ecotoxicological advice:
At the present state of knowledge, no negative ecological effects are expected. No toxic effects occur within the range of solubility.

The product contains substances classified as dangerous for the environment. Studies conducted with the preparation revealed no effects on aquatic organisms. The classification is based on the studies with the preparation.

13. Disposal considerations

May be disposed of or combusted with domestic refuse according to local regulations.

The UK Environmental Protection (Duty of Care) Regulations (EP) and amendments should be noted (United Kingdom).

Contaminated packaging:
Uncontaminated packaging can be recycled.

14. Transport information

Land transport

ADR

Not classified as a dangerous good under transport regulations

RID

Not classified as a dangerous good under transport regulations

Inland waterway transport

ADNR

Not classified as a dangerous good under transport regulations

Sea transport

IMDG

Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO

Not classified as a dangerous good under transport regulations

15. Regulatory information

Regulations of the European union (Labelling) / National legislation/Regulations

BASF Safety data sheet according to Regulation (EC) No.1907/2006

Date / Revised: 27.01.2009

Version: 1.0

Product: **Styrodur* 3035 CS 1265x615x100mm**

(30043354/SDS_GEN_GB/EN)

Date of print 28.01.2009

EEC Directives:

The product does not require a hazard warning label in accordance with EC Directives.

Other regulations

The data should be considered when making any assessment under the Control of Substances Hazardous to Health Regulations (COSHH), and related guidance, for example, 'COSHH Essentials' (United Kingdom).

16. Other information

Recommended use: Extruded foam plates for thermal insulation in the building industry.

Full text of hazard symbols and R-phrases if mentioned as hazardous components in chapter 3:

N	Dangerous for the environment.
50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Vertical lines in the left hand margin indicate an amendment from the previous version.

If you have any queries relating to this MSDS, its contents or any other product safety related questions, please write to the following e-mail address: product-safety-north@basf.com

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.