

Safety (MSDS) data for polystyrene

General

Synonyms: vinylbenzene polymer, expanded polystyrene, numerous trade names
Molecular formula:
CAS No: 9003-53-6
EINECS No: 202-851-5

Physical data

Appearance: white powder or beads, or clear solid
Melting point: typically ca. 240 C
Boiling point:
Vapour density:
Vapour pressure:
Density (g cm^{-3}): 1.05, but formed materials such as expanded polystyrene may have a range of densities
Flash point:
Explosion limits:
Autoignition temperature:

Stability

Stable. Combustible. Incompatible with strong oxidizing agents.

Toxicology

Respiratory and eye irritant.

Toxicity data

(The meaning of any abbreviations which appear in this section is given [here](#).)

IHL-MUS LCLO 120 mg kg^{-1}

Transport information

Personal protection

Minimize exposure

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