

1 : Commodity

SCT Carrier Tape

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2 : Composition

Chemical name	Certification number	Content (%)
Polystyrene copolymer	9003-55-8	7%
Butadiene styrene rubber	9003-55-8	7%
Carbon black	1333-86-4	7%

3 : Possible hazards: None

4 : First aid measures

If inhaled: On inhalation of decomposition products: keep patient calm, remove to fresh air, summon medical help.

On skin contact: areas affected by molten material should be quickly placed under cold running water.

On contact with eyes: wash affected eyes for at least 15 minutes under running water with eyelids held open.

On ingestion: no special measures necessary.

Note to physician:

On inhalation of decomposition products: treat according to symptoms (decontamination, vital functions), no known specific antidote.

5 : Fire fighting measures

Suitable extinguishing media: water, dry extinguishing media, foam

Unsuitable extinguishing media for safety reasons: none

The following can be given off in a fire: carbon dioxide (CO₂) and steam.

In addition small quantities of the following substances can be formed: carbon monoxide, monomers, other degradation products.

Special protective equipment: in case of fire, wear a self contained breathing apparatus.

Further information: dispose of fire debris and contaminated extinguishing water in accordance with local regulations.

6 : Accidental release measures

Methods for cleaning up: sweep/shovel up

7 : Handling and storage

Handling: The cut surface wear gloves in sharp

Storage: Room temperature (5 °C to 28 °C) air humidity 30% 60% stored in indoor, ventilated, avoid light, high temperature storage, away from the fire source

Material shelf life: Viscous products shelf life of 12 months; Appearance avoid light storage, can keep the last six months.

8 : Exposure controls and personal protection

Additional information on the lay-out of the technical plant:(see 7)

Components with workplace control parameters:

Styrene: CAS-No. 100-42-5

Observe the appropriate MAK value (Germany); TRGS 900 (Germany).

Buta-1,3-diene: CAS-No. 106-99-0

The relevant TRK value (Germany) should be noted; TRGS 100, 102 (Germany)

Buta-1,3-diene: According to animal experiments, the substance can be assumed to be carcinogenic.

Given suitable ventilation, it can be assumed that the threshold limits will not be reached.

Personal protective equipment:

Respiratory protection: if breathable dust is formed filter P1 (for solid particles) (DIN 3181)

Eye protection: safety glasses with free flowing granules.

9 : Physical and chemical properties

Form: Solid

Color: Black

Odour: Tasteless

Density: 1.04-1.09g/cm³

Solubility in water: insoluble

Solubility in other solvents: none

Boiling point: None

Self-burning temperature: >400°C

Decomposition temperature: >320°C

Fire promoting properties: none

10 : Stability and reactivity

Conditions to avoid: to avoid thermal decomposition, do not overheat.

Starts to decompose at 300°C (approx.)

Possible thermal degradation products: monomers, other degradation products.

11 : Toxicological information

Acute toxicity

No data available. Insoluble in water.

12 : Ecological information

Elimination information:

No data available. Insoluble in water.

Behaviour and environmental fate:

Due to the consistency of the product, and its insolubility in water, it will apparently not be bioavailable.

13 : Disposal considerations

Product: must be dumped or incinerated in accordance with local regulations.

14 : Transport information

Not classified as hazardous under transport regulations.

15: Laws and regulations files: None

16: Other files: None

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