

Product identifier

Trade name : STFE

CAS Number : 9002-84-0

Relevant identified uses of the substance or mixture and uses advised against: No further relevant information available.

Application of the substance / the preparation Polymer

Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Premier Farnell
150 Armley Road
Leeds LS12 2QQ
Tel. : +44 (0) 870 129 8608

Telephone number for emergency:

+44 (0) 870 202530

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The substance is not classified according to the CLP regulation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Void

Information concerning particular hazards for human and environment:

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

Label elements

Labelling according to Regulation (EC) No 1272/2008 Void

Hazard Pictograms Void

Signal word Void

Hazard statements Void

Other hazards

Results of PBT and vPvB assessment

PBT : Not applicable.

vPvB : Not applicable.

Chemical characterization: Substances CAS No. Designation:

9002-84-0 Polytetrafluoroethylene

Description of first aid measures

General information

No special measures required.

After inhalation

Supply fresh air; consult doctor in case of symptoms.

After skin contact

The product is not skin irritating.

After eye contact

Rinse opened eye for several minutes under running water.

After swallowing

In case of persistent symptoms consult doctor.

Information for doctor · Most important symptoms and effects, both acute and delayed

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

Extinguishing media

Suitable extinguishing agents

CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

Special hazards arising from the substance or mixture

Can be released in case of fire Hydrogen fluoride (HF)

Advice for firefighters

Protective equipment

Wear full protective suit.

Personal precautions, protective equipment and emergency procedures

Not required.

Environmental precautions:

No special measures required.

Methods and material for containment and cleaning up:

Collect mechanically.

Reference to other sections

No dangerous materials are released.

Handling

Precautions for safe handling

Extractors are required on all machines used for thermal processing or metal removal processes. No special precautions necessary if used correctly.

Information about protection against explosions and fires:

No special measures required.

Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and containers:

No special requirements.

Information about storage in one common storage facility:

Not required.

Further information about storage conditions:

None.

Specific end use(s)

No further relevant information available.

Additional information about design of technical systems:

No further data

Control parameters

Components with limit values that require monitoring at the workplace:

Not required.

Additional information:

The lists that were valid during the compilation were used as basis.

Exposure controls

Personal protective equipment

General protective and hygienic measures

The usual precautionary measures should be adhered to general rules for handling chemicals. Wash hands during breaks and at the end of the work.

Breathing equipment:

Not required.

Protection of hands:

Protective gloves. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Not required.

Physical and chemical properties

Information on basic physical and chemical properties · General Information Appearance:

Form:

Colour: Odour:

Powder Whitish Odourless

Change in condition Melting point/Melting range : 332 - 352°C

Boiling point/Boiling range : Not Determined.

Flash point : Not Applicable

Inflammability (solid, gaseous) : Product is not inflammable.

Danger of explosion : Product is not explosive.

Density at 20°C : 2.1 - 2.3 g/cm³

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Solubility in / Miscibility with Water : Unsalable
Solids content : 100%
Other information : No further relevant information available.

Reactivity

Chemical stability

Thermal decomposition / conditions to be avoided:

To avoid thermal decomposition do not overheat. Processing temperature over:

Possibility of hazardous reactions

No dangerous reactions known

Conditions to avoid

No further relevant information available.

Incompatible materials:

No further relevant information available.

Hazardous decomposition products:

Hydrogen fluoride Carbonyl fluoride Poisonous gases/vapours

Information on toxicological effects

Acute toxicity:

Primary irritant effect:

On the skin: No irritant effect.

On the eye: No irritant effect.

Sensitization: No sensitizing effect known.

Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

Toxicity

Aquatic toxicity

No further relevant information available.

Persistence and degradability

No further relevant information available.

Other information:

The product is slightly biodegradable.

Behaviour in environmental systems: · Bioaccumulative potential

No further relevant information available.

Mobility in soil

No further relevant information available.

Additional ecological information

General notes: Generally not hazardous for water.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects No further relevant information available.

Safety Data Sheet

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Waste treatment methods

Recommendation Smaller quantities can be disposed with household waste.

European waste catalogue not determined

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

Transport Information

UN-Number : ADR, ADN, IMDG, IATA Void

UN proper shipping name : ADR, ADN, IMDG, IATA Void

Transport hazard class(es)

ADR, ADN, IMDG, IATA · Class Void

Packing group · ADR, IMDG, IATA Void

Environmental hazards:

Marine pollutant: No

Special precautions for user

Not applicable.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

Transport/Additional information:

Not dangerous according to the above specifications.

UN "Model Regulation": -

Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

Water hazard class:

Generally not hazardous for water.

Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

Part Number
STFE4 2.0-1.2MNAT
STFE4 3.2-1.2MNAT
STFE4 4.8-1.2MNAT
STFE4 604-1.2MNAT
STFE4 9.5-1.2MNAT
STFE4 12.7-1.2MNAT
STFE4 19.0-1.2MNAT
STFE4 25.4-1.2MNAT

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