

Material Safety Data Sheet FOR FPM

Printing date: 06/18/2015

1. Identification of substance:

Product details:

Trade name: SSP FPM

2. Composition/Data on components:

Chemical characterization: Fluoric rubber compound (basic material:)

3. Hazards identification

Information pertaining to particular dangers for man and environment:

skin irritations possible (sensible people)

4. First aid measures

General information: no special measures required

After inhalation: after inhalation of fumes, decomposition products or volatiles (during processing) supply

fresh air

After skin contact: wash with many water and soap

After eye contact: rinse opened eye for several minutes under running water

After swallowing: in case of persistent symptoms consult doctor

5. Fire fighting measures

Suitable extinguishing agents: carbon dioxide (CO₂), extinguishing powder or water spray, larger fires with

Water spray or alcohol-resistant foam

For safety reasons unsuitable extinguishing agents: water with a full water jet

Special hazards: irritating gases

Additional information: normal arrangements for chemicals fires combustion products: carbon dioxide, carbon monoxide, fluor oxides and other toxic fumes

6. Accidental release measures

Person-related safety precautions: ventilation

Measures for environmental protection: no special measures required

Measures for cleaning/collecting: collect mechanical, recycling better than deposition

7. Handling and storage

Handling:

Information for safe handling: no special measures required

Information about protection against explosions and fires: protect against heat and ignition sources

Storage:

Requirements to be met by storerooms and containers: store cool and dry

Information about storage in one common storage facility: not together with foods

Storage class: 11 (VCI-concept)

Trade name: FPM

8. Exposure controls and personal protection

Additional information about the creation technical constructions:

satisfy ventilation (especially in closed rooms)

Components with critical values that require monitoring at the workplace:

CAS-Nr. Substance kind value unit

007664-39-3 fluoric acid MAK(1992) 3

Personal protective equipment:

General protective and hygienic measures: the usual precautionary measures should be adhered to in handling

the chemicals

Breathing equipment: protective mask during dust emission

Protection of hands: protective gloves

Eye protection: safety glasses recommended

9. Physical and chemical properties:

Form: plate

Color: brown

Smell: odorless or typical

Change in condition: Value/Range Unit Method

Melting point/Melting range: n.a. °C

Boiling point/Boiling range: n.a. °C

Flash point: n.a. °C

Inflammability (solid, gaseous): n.a. °C

Ignition temperature: > 204 °C

Danger of explosion: not explosive

Density: 2.56 g/cm³ DIN 53479

Solubility in/Miscibility with

Water(20°C): insoluble

pH-value n.a.

viscosity n.a.

10. Stability and reactivity

Conditions to be avoided: fast increase of temperature (emission of toxic gases and steams)

Dangerous conditions: oxidizing agents

Dangerous products of decomposition: carbon monoxide, nitrogen oxides, fluoricacid, carbonylfluorid, fluorohydrocarbon's.

11. Toxicological information

Primary irritant effect: skin irritations possible (sensible people)

12. Ecological information

General notes: when used and handled according to regulations, the product does not have any harmful effects

generally not hazardous for water

Trade name: FPM

13. Disposal considerations

Product:

Recommendation: recycle material if possible; combustion (according to local regulations)

Disposal number: 57202 (Germany), 070299 (EAK)

14. Transport information

Transport/Additional information: not dangerous according to the above specification

15. Regulatory information

Designation according to EC guidelines: the material is not subject to classification according to EC lists and

other sources of literature known to us

Classification according to VbF: n.a.

16. Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific

product features and shall not establish a legally valid contractual relationship.

(n.a. - not applicable)

Department issuing data specification sheet: SSP