

Product Information Sheet
Based on 1907/2006/EC, Article 31

YF-PEEK-1.1

Revision: 28-05-2013
Version: 1.0

1 Identification of the substance/preparation and of the company

- **Product details** : recycled polymer, regrinds/pellets
- **Trade name**: polyetheretherketon, carbon fibre filled
- **Application** : production of polymer articles
- **Supplier**:

YF International B.V.
Burg. van Dorth tot Medlerstraat 34
6921 AZ Duiven
the Netherlands
tel: +31 (0) 316 28 26 21 fax: +31 (0) 316 28 29 53

- **Further information obtainable from**: khauwert@planet.nl
- **Information in case of emergency**: +31 (0) 316 28 26 21

2 Hazards identification

- **Hazard description**: Not applicable.
- **Information concerning particular hazards for human and environment**:

No hazards to be particularly mentioned. Please note the information of this Material Safety Data Sheet.

3 Composition/information on ingredients

- **Chemical characterization**:
 - polyetheretherketon CAS # 31694-16-3
 - carbon fibre ~ 30 wt %

4 First aid measures

- **General information**: No special measures required.
- **After inhalation**: Supply fresh air; consult doctor in case of complaints.
- **After skin contact**: After contact with the molten product, cool rapidly with cold water. Do not pull solidified product off the skin. Seek medical treatment.
- **After eye contact**: Rinse opened eye for several minutes under running water.
- **After swallowing**: If symptoms persist consult doctor.

5 Fire-fighting measures

- **Suitable extinguishing agents:** CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Protective equipment:** Wear self-contained respiratory protective device.

6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** No special measures required.
- **Measures for cleaning/collecting:** Pick up mechanically.
- **Additional information:** No dangerous substances are released.

7 Handling and storage

- **Handling:**
- **Information for safe handling:** No special measures required.
- **Information about fire - and explosion protection:** Dust can combine with air to form an explosive mixture.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep away from heat and ignition sources. Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:**
No further data; see item 7.

Ingredients with limit values that require monitoring at the workplace:

Not required.

- **Additional information:**
The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Do not eat, drink, smoke or sniff while working.

- **Respiratory protection:** Not required.
- **Protection of hands:**
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 through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Not required.
- **Body protection:** Protective work clothing

9 Physical and chemical properties

- **General Information**
- **Form:** Solid
- **Colour:** According to product specification
- **Odour:** Characteristic
- **Change in condition**
- **Melting point/Melting range:** Undetermined.
- **Boiling point/Boiling range:** Undetermined.
- **Flash point:** Not applicable.
- **Flammability (solid, gaseous):** Product is not flammable.
- **Danger of explosion:**
Product does not present an explosion hazard.
- **Density:** Not determined.
- **Solubility in / Miscibility with**
- **water:** Insoluble.
- **Organic solvents:** 0.0 %
- **Solids content:** 100.0 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
To avoid thermal decomposition do not overheat.
- **Dangerous reactions:**
Risk of dust explosion if enriched with fine dust in the presence of air.
- **Dangerous decomposition products:**
No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Possible skin irritation.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.
The substance is not subject to classification according to the latest version of the EU lists.

12 Ecological information

- **General notes:** Generally not hazardous for water

13 Disposal considerations

Product:

- **Recommendation:**
Smaller quantities can be disposed of with household waste.
Contact manufacturer for recycling information.

Uncleaned packaging:

- **Recommendation:**
Disposal must be made according to official regulations.

14 Transport information

- **Land transport ADR/RID (cross-border):** n.a.
- **ADR/RID class:** n.a.

- **Maritime transport IMDG:** n.a.
- **Marine pollutant:** No

15 Regulatory information

- **Labelling according to EU guidelines:**

Observe the general safety regulations when handling chemicals.
The substance is not subject to classification according to EU lists and other sources of literature known to us.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

17 Reach position statement

As a supplier of polymeric substances and materials YF International has met her Reach obligations by pre-registration of the monomeric substances corresponding with the polymers in question.

In making this pre-registration, it is noted that in the Company's view, the substance will in fact be exempt from full registration requirements on the basis of Article 2(7)(d) of the REACH Regulation. Therefore, the Company has no intention of making a full registration or of being actively involved in the Substance Information Exchange Forum formed in relation to this substance.

While it does not agree to the need to pre-register, as the Company does not manufacture or import the substance in question and therefore cannot be described as a "potential registrant", it is making the pre-registrations on the basis of a recommendation from the chemical and plastic industry associations in the Netherlands that if a recycled substance is a phase-in substance, then the recycler should pre-register that substance in order to benefit from the transitional provisions laid down in Article 23 and eventually be later on exempted from the registration requirements if another pre-registrant registers the substance (par. 1.7, REACH Pre-Registration Questions and Answers, European Chemicals Agency, Release 3).