

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

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1 Identification of the article and of the company

- **Product details** : staple fibre
- **Trade name**: YF-MA 40~60
- **Application of the article** : staple fibres and non wovens
- **Supplier**:

YF International B.V.
Burg. van Dorth tot medlerstraat 34
6921 AZ Duiven
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**: none
- **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**: poly(meta-phenylene isophthalamide)
- **Identification number** : CAS number 24938-60-1



4 First aid measures

- **General information**: No special measures required.
- **After inhalation**: of any dust or fine particles supply fresh air; consult doctor in case of complaints.
- **After eye contact**: with any dust or fine particles rinse opened eye for several minutes under running water.

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:** No special measures required.

Storage:

- **Requirements to be met by storerooms and receptacles:**
No special requirements. Due to possible UV degradation do not store in direct sunlight.
- **Information about storage in one common storage facility:** No special requirements

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: none

Personal protective equipment:

- **General protective and hygienic measures:**
Do not eat, drink, smoke or sniff while working.
- **Respiratory protection:** Not required.
- **Protection of hands:** use suitable protection gloves

- **Eye protection:** Not required.
- **Body protection:** use appropriate working clothes

9 Physical and chemical properties

General Information

- **Form:** solid
- **Colour:** off-white
- **Odour:** none

Change in condition

- **Melting point/Melting range:** product decomposes at 400- 430 °C
- **Flammability (solid, gaseous):**
LOI 30% (no self sustained burning with O₂ < 30 vol %)
- **Density:** 1,38 gr/cm³ (solid material)

Solubility in / Miscibility with

- **water:** insoluble.
- **Organic solvents:**
insoluble in "normal organic solvents"

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
product decomposes at 400- 430 °C
- **Dangerous decomposition products:**
small quantities of carbon monoxide, low molecular weight organic species and traces of nitrogen compounds

11 Toxicological information

- **Acute oral toxicity:** > 7500 mg/kg (rats)
- **Primary irritant effects :** not known
- **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:** not hazardous for water

13 Disposal considerations

Product:

- **Recommendation:**
Dispose of conform local regulations

14 Transport information

- Land transport ADR/RID (cross-border): not classified
ADR/RID class: not classified
- Maritime transport IMDG: not classified
- Marine pollutant: no

15 Regulatory information

- **Labelling according to EU guidelines:**
Observe the general safety regulations when handling polymeric products.
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.