1 Identification of the substance/mixture and of the company/undertaking

- Product identifier
  - Trade name: NEOFLON PCTFE M-300H, 300P, 300PL, 400H
  - Article number: 301
  - CAS Number: 9002-83-9
- Relevant identified uses of the substance or mixture and uses advised against
  - No further relevant information available.
- Application of the substance / the preparation
  - Synthetic resin
- Details of the supplier of the safety data sheet
  - Manufacturer/Supplier: DAIKIN INDUSTRIES, LTD. CHEMICALS DIVISION:
    Umeda Center Bldg., 4-12, Nakazaki-Nishi2-chome, Kita-Ku, Osaka, JAPAN
    Phone: (+81) 6-6373-4345 Fax: (+81) 6-6373-4281
  - Emergency telephone number: +81-6-6349-7521, +1-256-306-5000, +86-512-5232-0973, +49-211-179 225-0

2 Hazard identification

- Classification of the substance or mixture
  - Not classified according to the CLP regulation.
- Labelling according to Regulation (EC) No 1272/2008
  - Not applicable
- Signal word
  - Not applicable

3 Composition/information on ingredients

- Chemical characterization: Substances
  - CAS No. Description
    - 9002-83-9 Chlorotrifluoroethene homopolymer

4 First aid measures

- Description of first aid measures
  - General information: Seek immediate medical advice.
    - After inhalation: Supply fresh air; consult doctor in case of complaints.
    - After skin contact: Immediately wash with water and soap and rinse thoroughly.
      After contact with the molten product, cool rapidly with cold water.
    - After eye contact: Rinse opened eye for several minutes under running water.
    - After swallowing: If symptoms persist 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.

5 Firefighting measures

- Extinguishing media
  - Suitable extinguishing agents:
    - CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
  - For safety reasons unsuitable extinguishing agents: none
  - Special hazards arising from the substance or mixture
    - Formation of toxic gases is possible during heating or in case of fire.
  - Advice for firefighters
  - Protective equipment: Wear fully protective suit.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures
  - Wear protective clothing.
- Environmental precautions:
  - Do not allow product to reach sewage system or any water course.
- Methods and material for containment and cleaning up:
  - Pick up mechanically.
- Reference to other sections
  - No dangerous substances are released.
7 Handling and storage

- Handling:
  - Precautions for safe handling
    Extractors are required on all machines used for thermal processing or powder handling processes.
  - Information about fire - and explosion protection: No special measures required.

- Conditions for safe storage, including any incompatibilities
  - 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: Protect from contamination.
    - Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

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

- Control parameters
  - Ingredients with limit values that require monitoring at the workplace: Not required.
  - Additional information: The lists valid during the making were used as basis.

- Exposure controls
  - Personal protective equipment:
    - General protective and hygienic measures:
      Wash hands before breaks and at the end of work.
      Keep away from tobacco products.
    - Respiratory protection:
      For conditions with a potential for significant exposure to fumes and/or toxic vapours, use a full-face-mask with the acid and organic vapor cartridges.
    - Protection of hands: Synthetic rubber gloves
    - Eye protection: Safety glasses
    - Body protection: Protective work clothing

9 Physical and chemical properties

- Information on basic physical and chemical properties
  - General Information
    - Appearance:
      Form: Solid
      Colour: White
      Odour: Odourless
    - Change in condition
      Boiling point/Boiling range: Undetermined.
    - Flash point: Not applicable.
    - Flammability (solid, gaseous): Product is not flammable.
    - Decomposition temperature: Not determined.
    - Danger of explosion: Product does not present an explosion hazard.
    - Solubility in / Miscibility with water: Insoluble.
    - Other information No further relevant information available.

10 Stability and reactivity

- Reactivity

- Chemical stability

- Thermal decomposition / conditions to be avoided:
  To avoid thermal decomposition do not overheat.
  Even at the temperatures reached during the normal hot processing of fluoropolymers fume will be generated, that will present a potential health hazard.

- Possibility of hazardous reactions No dangerous reactions known.
### 11 Toxicological information

- **Conditions to avoid**: No further relevant information available.
- **Incompatible materials**: No further relevant information available.

### 12 Ecological information

- **Toxicity**
  - **Aquatic toxicity**: No further relevant information available.
  - **Persistence and degradability**: No further relevant information available.
  - **Other information**: The product is insoluble in water and the biodegradation and ecotoxicity is expected to be low.

- **Behaviour in environmental systems**:
  - **Bioaccumulative potential**: No further relevant information available.
  - **Mobility in soil**: No further relevant information available.

- **Results of PBT and vPvB assessment**
  - **PBT**: Not applicable.
  - **vPvB**: Not applicable.
  - **Other adverse effects**: No further relevant information available.

### 13 Disposal considerations

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

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

### 14 Transport information

- **UN-Number**
  - **ADR, ADN, IMDG, IATA**: Not applicable

- **UN proper shipping name**
  - **ADR, ADN, IMDG, IATA**: Not applicable

- **Transport hazard class(es)**
  - **ADR, ADN, IMDG, IATA**: Not applicable

- **Class**
  - **ADR, ADN, IMDG, IATA**: Not applicable

- **Packing group**
  - **ADR, IMDG, IATA**: Not applicable

- **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.**

- **UN ”Model Regulation”**: -

### 15 Regulatory 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.

- **Department issuing SDS**: EHS Department
- **Contact**: http://www.daikin.com/

**Abbreviations and acronyms**:
- RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
- IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
- ICAO: International Civil Aviation Organization
- ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
Trade name: NEOFLON PCTFE M-300H, 300P, 300PL, 400H

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
CAS: Chemical Abstracts Service (division of the American Chemical Society)