

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date: 21.04.2025

Version No: 2.00

Revision: 21.04.2025

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Trade name:**

INOFLON®PFA Fluoroplastic Resin

**Grades:**

INOFLON®PFA 8003, INOFLON®PFA 8015, INOFLON®PFA 8003HS, INOFLON®PFA 8015HS,  
INOFLON®PFA 8005, INOFLON®PFA 8025, INOFLON®PFA 8005HS, INOFLON®PFA 8025HS,  
INOFLON®PFA 8003 HSP, INOFLON®PFA 8015 HSP

**CAS Number:**

26655-00-5

**EC number:**

682-550-7

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Application of the substance / the preparation:**

Resin for molding and/ or extrusion.

**Uses advised against:** No further relevant information available.

### 1.3 Details of the supplier of the safety data sheet

**Manufacturer/Supplier:**

Gujarat Fluorochemicals Limited  
12/A Dahej, GIDC, Industrial Estate  
Dahej, Gujarat 392130, India  
Telephone: +91-2641-618031(Admin)/ 618086-87(Security)  
Email: [contact@gfl.co.in](mailto:contact@gfl.co.in)

### 1.4 Emergency telephone number:

Emergency Telephone Number: +91-2643-618081 (SHE) / 618086-87(Security)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008**

The substance is not classified, according to the CLP regulation.

### 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008** Void**Hazard pictograms** Void**Signal word** Void**Hazard statements** Void

### 2.3 Other hazards

**Results of PBT and vPvB assessment****PBT:** No**vPvB:** No

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

**CAS No. Description**

CAS: 26655-00-5 Tetrafluoroethylene/perfluoro (alkyl vinyl ether) polymer- 100%

**Identification number(s)****EC number:** 682-550-7

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**General information:**

Take affected persons out into the fresh air.  
If symptoms persist consult doctor.

(Contd. on page 2)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 21.04.2025

Version No: 2.00

Revision: 21.04.2025

**Trade name: PFA Fluoroplastic Resin**

(Contd. of page 1)

**After inhalation:**

Supply fresh air; consult doctor in case of complaints.

In case of unconsciousness place patient stably in side position for transportation.

**After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

**After eye contact:**

Rinse opened eye for several minutes under running water.

Remove contact lenses, if present and easy to do. Continue rinsing.

**After swallowing:**

Rinse out mouth and then drink plenty of water.

Get medical advice/attention.

**4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

**4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

## SECTION 5: Firefighting measures

**5.1 Extinguishing media****Suitable extinguishing agents:**CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Use fire extinguishing methods suitable to surrounding conditions.

**For safety reasons unsuitable extinguishing agents:** Water with full jet**5.2 Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.

In case of fire, the following can be released:

Carbon monoxide

Carbon dioxide

Hydrogen fluoride (HF)

**5.3 Advice for firefighters****Protective equipment:** Wear self-contained respiratory protective device.**Additional information**

Cool endangered receptacles with water spray.

Collect contaminated fire-fighting water separately. It must not enter the sewage system.

## SECTION 6: Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation.

Wear protective clothing.

Avoid formation of dust.

Keep away from ignition sources.

**6.2 Environmental precautions:** Do not allow product to reach sewage system or any water course.**6.3 Methods and material for containment and cleaning up:**

Pick up mechanically.

Dispose of the material collected according to regulations.

**6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## SECTION 7: Handling and storage

**7.1 Precautions for safe handling**

Prevent formation of dust.

Any unavoidable deposit of dust must be regularly removed.

(Contd. on page 3)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 21.04.2025

Version No: 2.00

Revision: 21.04.2025

**Trade name: PFA Fluoroplastic Resin**

(Contd. of page 2)

Ensure good ventilation/exhaustion at the workplace.

**Information about fire and explosion protection:**

Dust can combine with air to form an explosive mixture.

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

**7.2 Conditions for safe storage, including any incompatibilities****Storage:**

**Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.

**Information about storage in one common storage facility:** Store away from oxidizing agents.

**Further information about storage conditions:** Store in cool, dry conditions in well-sealed receptacles.

**7.3 Specific end use(s)** No further relevant information available.

## SECTION 8: Exposure controls/personal protection

**8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**8.2 Exposure controls**

**Appropriate engineering controls** No further data; see item 7.

**Individual protection measures, such as personal protective equipment****General protective and hygienic measures:**

Do not eat, drink, smoke or sniff while working.

Keep away from foodstuffs, beverages and feed.

The usual precautionary measures are to be adhered to when handling chemicals.

**Respiratory protection:** Not necessary if room is well-ventilated.

**Hand protection**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. 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/face protection**

Safety glasses

**Body protection:**

Protective work clothing

**Environmental exposure controls** No further relevant information available.

(Contd. on page 4)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 21.04.2025

Version No: 2.00

Revision: 21.04.2025

Trade name: PFA Fluoroplastic Resin

(Contd. of page 3)

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

##### General Information

##### Physical state

Solid

##### Form:

Solid

##### Colour:

Not determined.

##### Odour:

Not available.

##### Odour threshold:

Not determined.

##### Melting point/freezing point:

305 - 315 °C

##### Boiling point or initial boiling point and boiling range

Not applicable.

##### Flammability

Product is not flammable.

##### Lower and upper explosion limit

##### Lower:

Not applicable.

##### Upper:

Not applicable.

##### Flash point:

Not applicable.

##### Ignition temperature:

Not determined.

##### Decomposition temperature:

Not determined.

##### pH

Not applicable.

##### Viscosity:

##### Kinematic viscosity

Not applicable.

##### Dynamic:

Not applicable.

##### Solubility

##### water:

Insoluble.

##### Partition coefficient n-octanol/water (log value)

Not determined.

##### Vapour pressure:

Not applicable.

##### Density and/or relative density

##### Density:

Not determined.

##### Relative density

2.14 - 2.17 (Water = 1)

##### Vapour density

Not applicable.

##### Relative gas density

Not applicable.

##### Particle characteristics

See item 3.

#### 9.2 Other information

##### Explosive properties:

Product does not present an explosion hazard.

##### Oxidising properties

No

##### Evaporation rate

Not applicable.

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity No further relevant information available.

#### 10.2 Chemical stability No decomposition if used and stored according to specifications.

##### Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

#### 10.3 Possibility of hazardous reactions No dangerous reactions known.

#### 10.4 Conditions to avoid No further relevant information available.

#### 10.5 Incompatible materials: Strong oxidizing agents.

#### 10.6 Hazardous decomposition products:

Carbon monoxide

Carbon dioxide

Hydrogen fluoride

(Contd. on page 5)

IE

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 21.04.2025

Version No: 2.00

Revision: 21.04.2025

Trade name: PFA Fluoroplastic Resin

(Contd. of page 4)

### SECTION 11: Toxicological information

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

**Acute toxicity** Based on available data, the classification criteria are not met.

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitization** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT-single exposure** Based on available data, the classification criteria are not met.

**STOT-repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

#### 11.2 Information on other hazards

**Endocrine disrupting properties** Substance is not listed.

### SECTION 12: Ecological information

#### 12.1 Toxicity

**Aquatic toxicity:** No further relevant information available.

#### 12.2 Persistence and degradability Low

#### 12.3 Bioaccumulative potential Log Kow = -1.38

#### 12.4 Mobility in soil log Koc = 1.155

#### 12.5 Results of PBT and vPvB assessment

According to the results of its assessment, this substance is not a PBT or a vPvB.

#### 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

#### 12.7 Other adverse effects No further relevant information available.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

**Recommendation:** Must be specially treated adhering to official regulations.

#### Uncleaned packaging

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

### SECTION 14: Transport information

#### 14.1 UN number or ID number

ADR/RID/ADN, IMDG, IATA

Void

#### 14.2 UN proper shipping name

ADR/RID/ADN, IMDG, IATA

Void

#### 14.3 Transport hazard class(es)

(Contd. on page 6)

IE

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 21.04.2025

Version No: 2.00

Revision: 21.04.2025

**Trade name: PFA Fluoroplastic Resin**

(Contd. of page 5)

**ADR/RID/ADN, IMDG, IATA**
**Class**

Void

**14.4 Packing group**
**ADR/RID/ADN, IMDG, IATA**

Void

**14.5 Environmental hazards:**

Not applicable.

**14.6 Special precautions for user**

Not applicable.

**14.7 Maritime transport in bulk according to IMO**
**Instruments**

Not applicable.

**Transport/Additional information:**

Not dangerous according to the above specifications.

**UN "Model Regulation":**

Void

### SECTION 15: Regulatory information

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
**Directive 2012/18/EU**
**Named dangerous substances - ANNEX I** Substance is not listed.

**DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

Substance is not listed.

**REGULATION (EU) 2019/1148**
**Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

Substance is not listed.

**Annex II - REPORTABLE EXPLOSIVES PRECURSORS** Substance is not listed.

**Regulation (EC) No 273/2004 on drug precursors** Substance is not listed.

**Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

Substance is not listed.

**Regulation (EC) No 2023/2055**

The synthetic polymer microparticles supplied is subject to conditions laid down by entry 78 of Annex XVII to Regulation (EC) No 1907/2006

**Chemical Inventories:**

Australia - AICS

Canada - DSL

China - IECSC

EU - Polymer Exemption

Japan - ENCS

Korea - ECL

New Zealand - NZIoC

Philippines - PICCS

USA - TSCA

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 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.

**Abbreviations and acronyms:**

REACH: Registration, Evaluation, Authorization and Restriction of Chemicals

MARPOL: (from Marine Pollutant) International Convention for the Prevention of Marine Pollution from Ships

(Contd. on page 7)

**Safety data sheet**  
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**Trade name: PFA Fluoroplastic Resin**

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(Contd. of page 6)

IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk  
UN: United Nations (also UNO: United Nations Organization)  
NOEC: No Observed Effect Concentration  
OECD: Organisation for Economic Co-operation and Development  
ASTM: American Society for Testing and Materials  
WAF: Water Accommodated Fraction  
ADR: Accord relatif au transport international 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 Harmonised System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative