

# Safety Data Sheet According to Regulation (EC) No's 1907/2006, 1272/2008 and Amendments

---

Date of issue: 28 April. 2023

Version No.: 1

Revision No.: -

---

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

---

### 1.1. Product identifier

**Product name:** IUPITAL F20-03 E9001  
**Product code (SDS No):** GEU IUPITAL011 F20-03 E9001

### 1.2. Relevant identified uses of the substance/mixture and uses advised against:

**Use:** Plastic for injection or extrusion molding.  
**Uses advised against:** Uses other than those specified by the manufacturer.

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

**Manufacturer** Global polyacetal Co., Ltd.  
Environment and Quality Assurance Division  
**Address:** 9-2, Higashi-shinbashi 1-Chome,  
Minato-ku, Tokyo 105-0021, Japan  
**Tel.:** +81-3-6274-9036  
**Email:** gpac-sds@gpac.co.jp  
**Fax:** +81-3-6274-9037

**EU Supplier/Importer:** MEP Europe GmbH  
**Address:** Willstatter Strasse 30 40549 Dusseldorf Germany  
**Tel.:** +49-211-52054-20  
**Fax:** +49-211-52054-272  
**Email:** [safety@mepeu.com](mailto:safety@mepeu.com)

### 1.4. Emergency telephone number:

+31 46 70 22043 / +31 46 70 22044 (business hours GMT+1).

---

## SECTION 2: Hazards identification

---

This product is classified as "Hazardous" according to Regulation (EC) No 1272/2008 and its amendments.

### 2.1. Classification of the substance or mixture

#### 2.1.1. Classification according to Regulation (EC) No 1272/2008 (including amendments):

Not classified.

### 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]:

**Hazard pictograms:** None.

**Signal word:** None.

**Hazard statements:** None.

# Safety Data Sheet According to Regulation (EC) No's 1907/2006, 1272/2008 and Amendments

**Precautionary statements:** None.

**Supplemental EU hazard information:** None.

**2.3. Other hazards** Dust may produce explosive mixture with air.

**2.4. Additional information:**

The mixture has been determined to be classified on the basis of available information in accordance with the classification requirements under Regulation (EC) 1272/2008.

Substances do not meet the criteria for vPvB and PBT according to Regulation (EC) No 1907/2006, Annex XIII.

Substances of this mixture have not been identified as having endocrine disrupting properties according to Regulation (EU) 2017/2100.

## SECTION 3: Composition/information on ingredients

**3.1. Substances**

Not applicable.

**3.2. Mixtures**

Index Number	EC Number	EC Name	CAS Number	Weight % Content	REACH Registration Number	Classification according to Regulation (EC) No 1272/2008 (CLP)
Not assigned	215-609-9	Carbon black	1333-86-4	< 1	-	Not classified

Ingredients not listed are either classified as non-hazardous or are present at concentrations below reportable levels.

No REACH registration numbers are provided either because the mixture contains pre-registered phase-in substances and the transition period for their registration according to Article 23 of REACH has not yet expired or because the annual tonnages do not require a REACH registration. For the full H-statements mentioned in this section see Section 16.

## SECTION 4: First aid measures

**4.1. Description of first aid measures**

**Ingestion:** Rinse mouth with water, and give milk or water to drink. Call a poison centre or doctor if you feel unwell. Do not induce vomiting, unless instructed by medical personnel.

**Skin contact:** If dust, or vapour, or condensation products from heated product, contacts the skin, wash off well with soap and water. If skin irritation or rash occurs, get medical attention. Launder clothing before re-use. If molten resin contacts the skin, immediately cool with plenty of water and seek medical treatment.

**Eye contact:** Rinse cautiously with water for several minutes, occasionally parting eyelids to ensure thorough washing. Remove contact

# Safety Data Sheet According to Regulation (EC) No's 1907/2006, 1272/2008 and Amendments

---

lenses, if present and easy to do. Continue rinsing. Protect the unharmed eye.  
If irritation persists seek medical advice/attention.

**Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, seek medical attention.

**First Aider Protection:** Wear appropriate hand/skin/eye/face protection and respiratory protection (if exposure to vapour is to be expected) as specified in Section 8 "Exposure controls/personal protection".

## 4.2. Most important symptoms and effects, both acute and delayed

**General advice:** Show this safety data sheet to medical personnel.  
Dust from processing, and vapour from heated resin, may irritate the eyes, skin and respiratory system.  
Seek medical attention should symptoms occur.

**Ingestion:** No information available.

**Skin contact:** No information available.

**Eye contact:** No information available.

**Inhalation:** No information available.

## 4.3. Indication of any immediate medical attention and special treatment needed.

Treatment should be based on the judgement of the doctor in response to the symptoms of the patient.

---

## SECTION 5: Firefighting measures

---

### 5.1. Extinguishing media

Suitable Extinguishing Media: Water spray and chemical foam extinguishers.  
Unsuitable Extinguishing Media: Carbon dioxide gas and dry chemicals lack cooling capacity, with the possibility of re-ignition.

### 5.2. Special hazards arising from the substance or mixture

Not classified as flammable, but is a combustible thermoplastic material which will melt and drip when ignited.

During a fire will produce strong heat, black smoke, and toxic gases, including carbon dioxide, carbon monoxide and traces of aliphatic and aromatic hydrocarbons, aldehydes, acids, phenol and phenol derivatives.

Dust may produce explosive mixture with air.

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.  
Standard procedure for chemical fires.

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Remove containers from the vicinity of the fire if safe to do so. For non-transferable

# Safety Data Sheet According to Regulation (EC) No's 1907/2006, 1272/2008 and Amendments

---

containers, keep cool with water spray.

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations

---

## SECTION 6: Accidental release measures

---

### 6.1. Personal precautions, protective equipment and emergency measures

#### 6.1.1. For non-emergency personnel

Only allow authorised personnel in the area utilising the appropriate personal protective equipment.

Immediately extinguish sources of ignition in the spillage area.

Avoid dust formation. Dust may form explosive mixture in air.

Take precautionary measures against static discharge and use non-sparking equipment.

#### 6.1.2. For emergency responders

Ensure adequate ventilation.

Immediately establish a suitable distance in all directions as leak area and cordon off with rope/tape to keep unauthorised personnel from spillage area.

### 6.2. Environmental precautions

Do not discharge to sewers, drains, rivers etc. to avoid contamination of watercourses.

Follow prescribed procedures for responding to large spills and reporting to authorities.

### 6.3. Methods and material for containment and cleaning up

#### 6.3.1. For containment

Stop further leaks/spills if safe to do so.

Keep in suitable, closed containers for disposal.

#### 6.3.2. For cleaning up

For small quantities, wipe off with cloth or paper, and wash affected area with water and detergent.

For large quantities, carefully sweep up or collect using vacuum cleaner.

Wash contaminated surfaces with water and detergent, and collect washings for safe disposal.

Place waste in a container for disposal.

Pick up and arrange disposal without creating dust.

### 6.4. Reference to other sections

For details on extinguishing media, see Section 5

For details on personal protection, see Section 8.

For details disposal of waste from clean up operations, see Section 13.

---

## SECTION 7: Handling and storage

---

### 7.1. Precautions for safe handling

Utilise engineering controls and wear protective gloves/protective clothing/eye protection/face protection as specified in "Section 8 Exposure controls/personal protection". Provide appropriate exhaust ventilation at places where dust is formed.

Avoid skin and eye contact, and inhalation of any dust, or vapour during heat processing.

Dust that develops from processing may cause dust explosion hazard. Always clean up dust.

Keep away from sources of ignition. Use only non-sparking equipment.

When processing molten resin, use protective equipment to prevent burns. In order to avoid hazardous decomposition, purged plastics should be cut into small, flat forms to allow rapid

# Safety Data Sheet According to Regulation (EC) No's 1907/2006, 1272/2008 and Amendments

cooling. Do not allow molten resin to remain in container at elevated temperature for long periods.

Use only outdoors or in well-ventilated places.

Wash hands thoroughly after handling.

Do not eat, drink or smoke when using this product.

Use explosion-proof electrical ventilation/lighting/equipment.

Use only non-sparking tools.

Take precautions against static discharge.

Avoid release to the environment.

Collect spillages.

## 7.2. Conditions for safe storage, including any incompatibilities

Avoiding direct sunlight.

Store away from sources of ignition.

Keep container tightly closed in a dry and well-ventilated place.

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

## 7.3. Specific end use(s)

None. The material is safe to use as intended.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. Occupational Exposure Limits:

Substance	Carbon black			
	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Belgium		3		
Denmark		3,5		7,0
Finland		3,5		7 (1)
France		3,5		
Hungary		3 (1)		
Ireland		3 (1)		
Norway		3,5		
Poland		4 (1)		
Spain		3,5		
Sweden		3		
United Kingdom		3,5		7

Remarks

Finland (1) 15 minutes average value

Hungary(1) Inhalable fraction

Ireland (1) Inhalable fraction

Poland (1) Inhalable fraction

**8.1.2. Biological Limit Value:** None established for the substance.

**8.1.3. PNECs and DNELs:** None established for the substance.

# Safety Data Sheet According to Regulation (EC) No's 1907/2006, 1272/2008 and Amendments

---

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

Local exhaust ventilation or closed ventilation system is recommended when handling this product.

Emergency shower and eye wash stations should be available in areas where this product is handled and stored.

### 8.2.2. Individual protection measures, such as personal protective equipment

**Respiratory protection:** In areas with poor ventilation respirators with a particulate filter or organic vapour mask is recommended. EN149 as minimum standard. Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

**Eye protection:** Wear protective glasses with side shields safety goggles or facemask. EN166: 2002 as a minimum standard.

**Skin protection:** Wear chemical resistant protective gloves or heat resistant gloves if handling molten resin. EN374 as minimum standard.  
Wear protective work clothing with long sleeves and trousers.

**Hygiene measures:** Wash hands thoroughly after handling, before intermissions and after work.  
Contact PPE manufacturer regarding breakthrough times.  
Take off contaminated clothing and before reuse.  
Do not eat, drink or smoke when using this product.

### 8.2.3. Environmental exposure controls

Do not allow product to enter drains, sewers or watercourses.

---

## SECTION 9: Physical and chemical properties

---

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

<b>Physical state</b>	Solid; pellet
<b>Colour</b>	Black
<b>Odour</b>	No data available
<b>Melting point/freezing point</b>	160 to 170 °C
<b>Boiling point or initial boiling point and boiling range</b>	No data available
<b>Flammability</b>	No data available
<b>Lower and upper explosion limit</b>	No data available
<b>Flash point</b>	No data available
<b>Auto-ignition temperature</b>	>400 °C
<b>Decomposition temperature</b>	No data available
<b>pH</b>	No data available
<b>Kinematic viscosity</b>	No data available
<b>Solubility</b>	Water solubility: Insoluble
<b>Partition coefficient n-octanol/water (log value)</b>	No data available



# Safety Data Sheet According to Regulation (EC) No's 1907/2006, 1272/2008 and Amendments

---

Oxidising agents.  
Strong acids.

## 10.6. Hazardous decomposition products

Smoldering or incomplete combustion leads to the formation of toxic gases, including carbon dioxide, carbon monoxide and traces of aliphatic and aromatic hydrocarbons, aldehydes, acids, phenol and phenol derivatives.

---

## SECTION 11: Toxicological information

---

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

**Acute toxicity:** Not classified based on available data.

**Skin corrosion/irritation:** Not classified based on available data.

**Serious eye damage/irritation:** Not classified based on available data.

**Respiratory or skin sensitisation:** Not classified based on available data.

**Germ cell mutagenicity:** Not classified based on available data.

**Carcinogenicity:** Not classified based on available data.

**Reproductive toxicity:** Not classified based on available data.

**STOT-single exposure:** Not classified based on available data.

**STOT-repeated exposure:** Not classified based on available data.

**Aspiration hazard:** Not classified based on available data.

#### Information on likely routes of exposure

Oral, dermal, eye and inhalation.

#### Symptoms related to the physical, chemical and toxicological characteristics

Dust from processing, and vapour from heated resin, may irritate the eyes, skin and respiratory system.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

No information available.

#### Interactive effects

No information available.

### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

Substances have not been identified as having endocrine disrupting properties according to Regulation (EU) 2017/2100.

# Safety Data Sheet According to Regulation (EC) No's 1907/2006, 1272/2008 and Amendments

---

## SECTION 12: Ecological information

---

- 12.1. Toxicity**  
Hazards to aquatic environment: Classification not possible due to lack of data.
- 12.2. Persistence and degradability** Not expected to be readily biodegradable.
- 12.3. Bioaccumulative potential** Not expected to bioaccumulate.
- 12.4. Mobility in soil** Not available
- 12.5. Results of PBT and vPvB assessment**  
Substances do not meet the criteria for vPvB and PBT according to Regulation (EC) No 1907/2006, Annex XIII.
- 12.6. Endocrine disrupting properties**  
Substances have not been identified as having endocrine disrupting properties according to Regulation (EU) 2017/2100.
- 12.7. Other adverse effects** No other information available.

---

## SECTION 13: Disposal considerations

---

- 13.1. Waste treatment methods**
- 13.1.1. Residual wastes**  
Incineration or landfill may be suitable for this product.  
Disposal via the drains is not recommended. Chemical residues generally count as special waste.
- 13.1.2. Contaminated containers and packaging**  
Empty containers should be taken to an approved waste handling site for recycling or disposal.
- 13.2. Other information:**  
Disposal must be in accordance with current national and local regulations.

---

## SECTION 14: Transport information

---

- 14.1. UN number or ID number** Not applicable – Not regulated as dangerous goods.
- 14.2. UN proper shipping name** Not applicable.
- 14.3. Transport hazard class(es)** Not applicable.
- 14.4. Packing group** Not applicable.
- 14.5. Environmental hazards** None.
- 14.6. Special Precautions for user** None.
- 14.7. Maritime transport in bulk according to IMO instruments** Not applicable.

---

## SECTION 15: Regulatory information

---

This safety datasheet complies with the requirements of Regulation (EC) No's 1907/2006,

# Safety Data Sheet According to Regulation (EC) No's 1907/2006, 1272/2008 and Amendments

---

1272/2008 and amendments.

## 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

### EU regulations

Regulation of the European Parliament and Council Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH): Compliant.

Regulation of the European Parliament and Council Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) and its adaptations: Compliant.

International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors: Not listed.

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII): Not applicable.

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals: Not listed.

Candidate List of Substances of Very High Concern for Authorisation: Not listed.

REACH - List of substances subject to Authorisation (Annex XIV): No substances listed.

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer: Not listed.

Regulation (EC) No 850/2004 on persistent organic pollutants: No substances listed.

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances: Zinc: Category E1.

## 15.2. Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

---

## SECTION 16: Other information

---

**Date of preparation:** 20 April 2023

**Date of revision:** Not applicable.

**Details on revisions:** Not applicable.

### Methods of evaluation:

The classification of the product is based on the available data for the product and using data for the neat substances with the application of relevant concentration limits, in accordance with Regulation (EC) No 1272/2008.

### References:

ECHA Guidance on the compilation of safety data sheets. Version 4.0 December 2020.

Regulation 1272/2008 on Harmonised Classification and Labelling for Certain Hazardous Substances.

Regulation (EC) No. 1907/2006 of The European Parliament and of The Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). Supplier information.

### Abbreviations:

BCF: Bioconcentration factor

BOD: Biological oxygen demand

DNEL: Derived no effect level

EC50: Effect concentration; 50%

LC50: Lethal concentration; 50%

LD50: Lethal dose; 50%

# Safety Data Sheet According to Regulation (EC) No's 1907/2006, 1272/2008 and Amendments

---

LOEC: Lowest observed effect concentration

NOEC: No observed effect concentration

PBT: Persistent, bioaccumulative and toxic

PNEC: Predicted No Effect Concentration.

vPvB: Very persistent and very bioaccumulative.

## **Disclaimer:**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.