

## Section 1: Product and company identification

### 1. Identification of the material

INTAMSYS ASA Filament

### 2. Identified Uses

Used primarily for extrusion-based 3D printing processes

### 3. Manufacturer information

Manufacturer:

INTAMSYS TECHNOLOGY CO., LTD.

Address:

Building E11, 3188 Xiupu Road, Pudong New Area, Shanghai, China

Tel/Fax:

+86 021 58465932 / +86 021 58463623

### 4. Emergency contact number

Emergency telephone number:

+86 021 58465932; or call LOCAL POISON CONTROL CENTER

## Section 2: Hazards identification

### 1. Classification of the substance of mixture

This substance does not meet the criteria for classification according to GHS classification.

### 2. Label elements

Not applicable.

### 3. Other hazards

Not likely to be an irritant in the solid form. Danger of burns when heated/molten material is handled.

## Section 3: Composition/information on ingredients

### 1. Substances

Chemical Name	CAS No.	Weight (%)	Exposure Limits
Acrylonitrile-Styrene-Acrylate copolymer	25852-38-4	>97	None
Additives	---	≤3	None

## Section 4: First aid measures

### 1. Description of first aid measures

Remove affected persons from the danger area, at the same time ensuring your own safety. Remove all contaminated clothing immediately.

#### 1.1. Inhalation

## Safety Data Sheet

None expected to require first aid measures. If breathed in, remove victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical attention.

### 1.2. Skin contact

None expected to require first aid measures. Wash thoroughly with soap and water. Get medical attention in the unlikely event that irritation persists.

### 1.3. Eye contact

None expected to require first aid measures. Flush with running water for at least 15 minutes. If irritation persists get medical attention.

### 1.4. Ingestion

Immediate first aid is not likely to be required. A physician or poison control center can be contacted for advice.

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

Dust: Skin irritation, eye irritations and redness

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

Treat symptomatically. (Decontamination, vital functions)

## Section 5: Fire-fighting measures

### 1. Suitable extinguishing media

Water, foam, dry chemical powder

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

Not applicable

### 3. Advice for fire fighters

Protective equipment: Self-contained breathing apparatus

## Section 6: Accidental release measures

### 1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas.

### 2. Environmental precautions

Avoid disposing into drainage/sewer system or directly into the aquatic environment.

### 3. Methods and materials for containment and cleaning up

Sweep up and shovel into suitable containers. Clean up affected area.

## Section 7: Handling and storage

### 1. Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace. Wash thoroughly after handling.

### 2. Conditions for safe storage

## Safety Data Sheet

Store in cool place. 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.

### Section 8: Exposure controls/personal protection

#### 1. Control parameters

Exposure Limits:  
None established

#### 2. Engineering controls

Provide appropriate exhaust ventilation at places where dust is formed or the material is molten, such as during printing.

#### 3. Personal protective equipment

Wear gloves when handling hot/molten material.

### Section 9: Physical and chemical properties

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

Appearance: Filament, Solid

Color: Various

Odor: Odorless or negligible

Odor threshold: None

pH: Not applicable

Melting point/freezing point: Not determined

Boiling point: Not applicable

Flash point: No data available

Evaporation rate: Not applicable

Flammability: Not available

Upper/lower flammability or explosive limits: No data available

Vapor pressure: Not applicable

Vapor density: Not applicable

Relative density: 1.07 g/cm<sup>3</sup>

Solubility: No soluble

Partition coefficient (n-octanol/water): No data available

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Viscosity: Not applicable

### Section 10: Stability and reactivity

#### 1. Reactivity

Non-reactive under normal handling and storage conditions

#### 2. Chemical stability

Stable under normal handling and storage conditions

#### 3. Possibility of hazardous reactions

Data no available

#### 4. Conditions to avoid

## Safety Data Sheet

Avoid excessive heat, flames and all sources of ignition

### 5. Incompatible materials

Not applicable

### 6. Hazardous decomposition products

Not applicable

## Section 11: Toxicological information

### 1. Likely routes of exposure

#### Inhalation:

Dust irritates the respiratory system, and may cause coughing and difficulties in breathing.

#### Skin contact:

Dust may irritate skin.

#### Eye contact:

Dust may irritate the eyes.

#### Ingestion:

May cause discomfort if swallowed.

### 2. Symptoms

Dust may irritate throat and respiratory system and cause coughing. Direct contact with eyes may cause temporary irritation.

### 3. Information on toxicological effects

Acute toxicity (oral): Lack of data.

Acute toxicity (dermal): Lack of data.

Acute toxicity (inhalative): Lack of data.

Skin corrosion/irritation: Lack of data. May cause irritations.

eye damage/eye irritation: Lack of data. May cause irritations.

Sensitisation to the respiratory tract: Lack of data. Not to be expected

Skin sensitization: Lack of data. Not to be expected

Germ cell mutagenicity/Genotoxicity: Lack of data. Not to be expected

Carcinogenicity: Lack of data. Not to be expected

Reproductive toxicity: Lack of data. Not to be expected

Specific target organ toxicity - single exposure: Lack of data.

Dusts: Irritating to eyes, respiratory system and skin.

Specific target organ toxicity - repeated exposure: Lack of data.

## Section 12: Ecological information

### 1. Toxicity

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	N/A	96h	Fish	OECD 203	N/A	N/A
EC50	N/A	48h	Daphnia	OECD 202	N/A	N/A
EC50	N/A	72h	Algae	OECD 201	N/A	N/A

### 2. Persistence and degradability

Not available.

### 3. Bioaccumulative potential

Not available.

## Safety Data Sheet

### 4. Mobility in soil

Not available.

### 5. Other adverse effects

Not available.

## Section 13: Disposal considerations

Legislation addressing waste disposal requirements may differ by country, state and/ or territory. Each user must refer to laws operating in their area. In some areas, certain wastes must be tracked. A Hierarchy of Controls seems to be common - the user should investigate:

- Reduction
- Reuse
- Recycling
- Disposal (if all else fails)

This material may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use.

## Section 14: Transport information

UN/ID No.: Not regulated

UN Proper shipping name: Not regulated

IMDG Code: Not regulated

Hazard Class: Not regulated

Packing Group: Not regulated

Special precautions: No information available

Marine pollutant: Non-marine pollutant

## Section 15: Regulatory information

### REGULATIONS

The product needs to follow local regulations.

## Section 16: Other information

### Revision information

Date of this revision: May 15, 2021

### Declare to reader

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