

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

#### 1.1. Product identifier

Chemical type : Substance  
 Name : A-85T20  
 Trade name : A-85T20  
 CAS no : 9003-07-0

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

##### 1.2.1. Relevant identified uses

Industrial/Professional use spec. : Manufacture of plastics products, including compounding and conversion  
 Use of the substance/preparation : Use in open, semi-open or closed processes

##### 1.2.2. Uses advised against

No relevant data available

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

REGAIN Polymers Limited  
 Newton Lane, Allerton Bywater  
 WF10 2AL Castleford, West Yorkshire - UK  
[richard.clark@regainpolymers.com](mailto:richard.clark@regainpolymers.com)

#### 1.4. Emergency telephone number

### 2. Hazards identification

#### 2.1. Classification of the substance or mixture

##### 2.1.1. Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

Not classified

##### 2.1.2. Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

##### 2.1.3. Adverse physicochemical, human health and environmental effects

No relevant data available

#### 2.2. Label elements

For classified products a derogation for labelling exists under Annex 1 Section 1.3.4 of the CLP Regulation 1272/2008. Under this derogation the product in the form in which it is placed on the market is not hazardous to human health by inhalation, ingestion, or skin contact or hazardous to the aquatic environments. Under normal conditions hazardous or classified substances like additives are encapsulated in the polymer matrix and are not released. If the product is grinded, shredded, or heated users should inform themselves of the existing exposure limits and be aware of potential inhalation risks.

##### 2.2.1. Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]

No labelling applicable

##### 2.2.2. Labelling according to Directive 67/548/EEC or 1999/45/EC

R-phrases : -

#### 2.3. Other hazards

No relevant data available

### 3. Composition/information on ingredients

#### 3.1. Substances

| Name | Product identifier | %   | Classification according to Directive 67/548/EEC                   |
|------|--------------------|-----|--|
| PP   | (CAS no)9003-07-0  | 100 | Not classified   |
| Name | Product identifier | %   | Classification according to Regulation (EC) No 1272/2008 [CLP/GHS] |
| PP   | (CAS no)9003-07-0  | 100 | Not classified   |

For the full text of R- and H-phrases in this section, see section 16.

#### 3.2. Mixtures

Not applicable

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according to Regulation (EC) No. 1907/2006 (REACH)

### 4. First aid measures

#### 4.1. Description of first aid measures

|                                       |   |
|---------------------------------------|---|
| First-aid measures general            | : Cool skin rapidly with cold water after contact with hot product. |
| First-aid measures after inhalation   | : Not applicable.   |
| First-aid measures after skin contact | : Cool skin rapidly with cold water after contact with hot product. |
| First-aid measures after eye contact  | : Then wash with plenty of water.                                   |
| First-aid measures after ingestion    | : Not applicable.   |

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

|   |   |
|---|---|
| Symptoms/injuries after inhalation                | : Dust from this product may cause irritation to the respiratory tract. |
| Symptoms/injuries after skin contact              | : Risk of thermal burns on contact with molten product.                 |
| Symptoms/injuries after eye contact               | : Can occur: eye irritation.  |
| Symptoms/injuries after ingestion                 | : Not applicable.   |
| Symptoms/injuries upon intravenous administration | : Not applicable.   |

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

No specific first aid measures are required.

### 5. Firefighting measures

#### 5.1. Extinguishing media

|                              |  |
|------------------------------|--|
| Suitable extinguishing media | : carbon dioxide (CO <sub>2</sub> ), powder, alcohol-resistant foam, hazy water. |
|------------------------------|--|

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

|                  |   |
|------------------|---|
| Fire hazard      | : Not classified as flammable by EC criteria.             |
| Explosion hazard | : Dust may form flammable and explosive mixture with air. |
| Reactivity       | : Not applicable.   |
| General measures | : Avoid dust formation.                                   |

#### 5.3. Advice for firefighters

|                                       |   |
|---------------------------------------|---|
| Firefighting instructions             | : Evacuate the personnel away from the fumes.   |
| Protective equipment for firefighters | : Self contained breathing apparatus.   |
| Other information (firefighting)      | : Do not allow into drains or water courses or dispose of where ground or surface waters may be affected. |

### 6. Accidental release measures

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

##### 6.1.1. For non-emergency personnel

|                      |                                |
|----------------------|--------------------------------|
| Protective equipment | : Respiratory protection.      |
| Emergency procedures | : Avoid inhalation of vapours. |

##### 6.1.2. For emergency responders

|                      |  |
|----------------------|--|
| Protective equipment | : Ventilation, local exhaust, or breathing protection. |
|----------------------|--|

#### 6.2. Environmental precautions

Avoid dust formation. Do not allow into drains or water courses or dispose of where ground or surface waters may be affected.

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

|  |   |
|--|---|
| For containment                        | : Sweep or shovel spills into appropriate container for disposal.     |
| Other information (accidental release) | : Collect spilled polymer: It could cause falls (Danger of slipping). |

#### 6.4. Reference to other sections

No relevant data available

### 7. Handling and storage

#### 7.1. Precautions for safe handling

|                               |                          |
|-------------------------------|--------------------------|
| Precautions for safe handling | : Avoid dust formation.  |
| Handling temperature          | : room temperature<br>°C |

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

|                                 |   |
|---------------------------------|---|
| Technical measures              | : Minimize generation of dust.              |
| Storage conditions              | : Store in dry, cool, well-ventilated area. |
| Prohibitions on mixed storage   | : Not applicable.                           |
| Storage area                    | : No special storage required.              |
| Containers : requirements       | : Keep container closed when not in use.    |
| Containers : material selection | : Not applicable.                           |

### 7.3. Specific end use(s)

No relevant data available

## 8. Exposure controls/personal protection

### 8.1. Control parameters

| PP (9003-07-0)               |   |  |
|------------------------------|---|--|
| France                       | VME (mg/m <sup>3</sup> )  | 10 Dust limit values mg/m <sup>3</sup>   |
| Germany                      | TRGS 900 Occupational exposure limit value (mg/m <sup>3</sup> ) | 10 mg/m <sup>3</sup> inhalable dust limit value (3 mg/m <sup>3</sup> respirable) |
| Italy - Portugal - USA ACGIH | ACGIH TWA (mg/m <sup>3</sup> )                                  | 10 mg/m <sup>3</sup> inhalable dust limit value (4 mg/m <sup>3</sup> respirable) |
| Spain                        | VLA-ED (mg/m <sup>3</sup> )                                     | 10 mg/m <sup>3</sup> Dust limit values   |
| Switzerland                  | VME (mg/m <sup>3</sup> )  | 5 mg/m <sup>3</sup> Dust limit values  |
| United Kingdom               | WEL TWA (mg/m <sup>3</sup> )                                    | 10 mg/m <sup>3</sup> inhalable dust limit value                                  |

### 8.2. Exposure controls

|                                   |   |
|-----------------------------------|---|
| Appropriate engineering controls  | : Either local exhaust or general room ventilation is usually required.                                   |
| Materials for protective clothing | : Not applicable.   |
| Hand protection                   | : Gloves.   |
| Eye protection                    | : Safety glasses.   |
| Skin and body protection          | : Not applicable.   |
| Respiratory protection            | : In case of dust formation use respirator with filter:.  |
| Environmental exposure controls   | : Do not allow into drains or water courses or dispose of where ground or surface waters may be affected. |

## 9. Physical and chemical properties

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

|                           |  |
|---------------------------|--|
| Appearance                | : Natural colour plastic pellets.                  |
| Physical state            | : Solid  |
| Colour                    | : depends on the pigment.                          |
| Odour                     | : Odourless.                                       |
| Melting point             | : 160-165 °C                                       |
| Flashpoint                | : 350 °C Approximately.                            |
| Absolute density          | : < 1 g/cm <sup>3</sup>                            |
| Solubility in water       | : Insoluble.                                       |
| Auto-ignition temperature | : > 380 °C   |
| Decomposition temperature | : Product is stable under normal conditions.<br>°C |

### 9.2. Other information

No relevant data available

## 10. Stability and reactivity

### 10.1. Reactivity

Not applicable.

### 10.2. Chemical stability

product is stable.

### 10.3. Possibility of hazardous reactions

No relevant data available

### 10.4. Conditions to avoid

Overheating.

### 10.5. Incompatible materials

Not applicable.

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### 10.6. Hazardous decomposition products

On burning: release of carbon monoxide - carbon dioxide.

## 11. Toxicological information

### 11.1. Information on toxicological effects

| PP (9003-07-0)                |                    |
|-------------------------------|--------------------|
| LD50 oral rat                 | Not known. mg/kg   |
| LD50 dermal rat               | Not known. mg/kg   |
| LD50 dermal rabbit            | Not known. mg/kg   |
| LC50 inhalation rat (mg/l/4h) | Not known. mg/l/4h |
| LC50 inhalation rat (ppm/4h)  | Not known. ppm/4h  |

## 12. Ecological information

### 12.1. Toxicity

Ecology - general : Not dangerous.  
Ecology - air : Not dangerous.  
Ecology - water : Product is practically insoluble in water, in view of its consistency and insolubility in water, no ecological problems are to be expected if the product is properly handled. The product is not readily biodegradable.

### 12.2. Persistence and degradability

| PP (9003-07-0)                |  |
|-------------------------------|--|
| Persistence and degradability | Material is inert and not expected to be biodegradable or toxic. |
| BSB                           | Not applicable g O <sub>2</sub> /g substance                     |
| COD                           | Not applicable g O <sub>2</sub> /g substance                     |
| ThOD                          | Not applicable g O <sub>2</sub> /g substance                     |
| BOD (% ThOD)                  | Not applicable % ThOD  |

### 12.3. Bioaccumulative potential

| PP (9003-07-0)            |                      |
|---------------------------|----------------------|
| Log Kow                   | Not applicable.      |
| Bioaccumulative Potential | not bioaccumulative. |

### 12.4. Mobility in soil

| PP (9003-07-0)   |                 |
|------------------|-----------------|
| Mobility in soil | None.           |
| Surface tension  | Not applicable. |
| Ecology - soil   | Not dangerous.  |

### 12.5. Results of PBT and vPvB assessment

| PP (9003-07-0) |                  |
|----------------|------------------|
| PBT assessment | no PBT substance |

### 12.6. Other adverse effects

Environmental and other adverse effects : The product does not have any known adverse effects on the environment.  
Other information (adverse effects) : No adverse health effects were noted.

## 13. Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste) : Comply with applicable regulations for solid waste disposal.  
Waste treatment methods : If recycling is not possible, eliminate in accordance with local valid waste disposal regulations.  
Ecology - waste materials : If recycling is not possible, eliminate in accordance with local valid waste disposal regulations. Refer to manufacturer/supplier for information on recovery/recycling.

## 14. Transport information

No transport regulation applicable

## 15. Regulatory information

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

#### 15.1.1. EU-Regulations

Other regulations, restrictions and prohibition regulations : Council Directive 96/62/EC of 27 September 1996 on ambient air quality assessment and management.

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### 15.1.2. National regulations

LGK Storage class : Not applicable.

VbF class : Not applicable.

### 15.2. Chemical safety assessment

no CSR necessary

### 16. Other information

Data sources : (Published data).

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

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