

## Objet Polymerized ABS-like RGD5160-DM

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

#### 1.1 Identification of the substance or preparation:

Product name                      Objet Polymerized ABS-like RGD5160-  
DM Product type REACH              article

#### 1.2 Use of the substance/preparation:

Polymer: industrial use

#### 1.3 Company/undertaking identification:

Stratasys GmbH  
Airport Boulevard B 210  
D-77836 Rheinmünster, Germany  
Tel: +49 722 97 77 20  
Emergency : +49 722 97772280  
Fax: +49 722 97 77 29 90  
[objet-info@stratasys.com](mailto:objet-info@stratasys.com) ,  
[www.stratasys.com](http://www.stratasys.com)

#### 1.4 Emergency telephone:

24h/24h:

+49 722 97772280 - Europe - Multi-lingual response  
+49 722 97772281 - Global - English Language response  
+1 978 495 5580 - USA - Multi-lingual response  
+85 2 975 70887 - Asia Pacific - Multi-lingual response  
+61 2 8011 4763 - Australia - Multi-lingual response  
+86 15626070595 - China - Chinese response

During business hours:

### 2. Hazards identification

#### DSD/DPD

Not classified as dangerous according to the criteria of directive(s) 67/548/EEC and/or 1999/45/EC

#### Other hazards

Combustible  
Its dust is explosive with air  
Dust cloud can be ignited by a spark

### 3. Composition/information on ingredients

This article does not contain any notifiable substances

### 4. First aid measures

#### 4.1 After inhalation:

Remove the victim into fresh air  
Respiratory problems: consult a doctor/medical service

#### 4.2 Skin contact:

Rinse with water  
Soap may be used  
Take victim to a doctor if irritation persists

#### 4.3 Eye contact:

Rinse with water  
Do not apply neutralizing agents  
Take victim to an ophthalmologist if irritation on persists

#### 4.4 After ingestion:

Rinse mouth with water

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Consult a doctor/medical service if you feel unwell

## 5. Fire fighting measures

### 5.1 Suitable extinguishing media:

- Water spray
- Polyvalent foam
- ABC powder
- Carbon dioxide

### 5.2 Unsuitable extinguishing media:

No unsuitable extinguishing media known

### 5.3 Special exposure hazards:

- Heating increases the fire hazard
- Dust cloud can be ignited by a spark
- Upon combustion: formation of CO, CO<sub>2</sub> and small quantities of phosphorus oxides, nitrous vapours

### 5.4 Instructions:

No specific fire-fighting instructions required

### 5.5 Special protective equipment for fire-fighters:

- Gloves
- Protective clothing
- Dust cloud production: compressed air/oxygen apparatus
- Heat/fire exposure: compressed air/oxygen apparatus

## 6. Accidental release measures

### 6.1 Personal precautions:

See heading 8.2

### 6.2 Environmental precautions:

- Knock down/dilute dust cloud with water spray
- See heading 13

### 6.3 Methods for cleaning up:

- Pick-up the material
- Wash clothing and equipment after handling

## 7. Handling and storage

### 7.1 Handling:

- Avoid raising dust
- Keep away from naked flames/heat
- Finely divided: spark- and explosionproof appliances
- Finely divided: keep away from ignition sources/sparks
- Observe normal hygiene standards

### 7.2 Storage:

#### Safe storage requirements:

- Store in a dry area
- Keep container in a well-ventilated place
- Store at room temperature
- Meet the legal requirements
- Storage temperature: 15 - 25 °C

#### Keep away from:

No data available

### 7.3 Specific use(s):

See information supplied by the manufacturer for the identified use(s)

## 8. Exposure controls/Personal protection

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## 8.1 Exposure limit values:

### 8.1.1 Occupational exposure:

If limit values are applicable and available these will be listed below.

## 8.2 Exposure controls:

### 8.2.1 Occupational exposure controls:

Carry operations in the open/under local exhaust/ventilation or with respiratory protection

Personal protective equipment:

#### a) Respiratory protection:

Respiratory protection not required in normal conditions

Dust production: dust mask with filter type P1

#### b) Hand protection:

Gloves

#### c) Eye protection:

Safety glasses

In case of dust production: protective goggles

#### d) Skin protection:

protective clothing

### 8.2.2 Environmental exposure controls:

See headings 6.2, 6.3 and 13

## 9. Physical and chemical properties

### 9.1 General information:

Physical form	Hard solid material
Colour	No data available on colour

### 9.2 Important health, safety and environmental information:

### 9.3 Other information:

## 10. Stability and reactivity

### 10.1 Conditions to avoid:

#### Possible fire hazard

heat sources

ignition sources

#### Stability

No data available

### 10.2 Materials to avoid:

No data available

### 10.3 Hazardous decomposition products:

Upon combustion: formulation of CO, CO<sub>2</sub> and small quantities of phosphorus oxides, nitrous vapours

## 11. Toxicological information

### 11.1 Acute toxicity:

No (test) data available

### 11.2 Chronic toxicity:

Not listed in carcinogenicity class (IARC, EC, TLV, MAK)

Not listed in mutagenicity class (EC, MAK)

Not classified as toxic to reproduction (EC)

### 11.3 Acute effects/symptoms:

#### Inhalation:

Unlikely to cause harmful effects

#### Skin contact:

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Unlikely to cause harmful effects

**Eye contact:**

Unlikely to cause harmful effects

**Ingestion:**

Unlikely to cause harmful effects

**11.4 Chronic effects:**

Unlikely to cause harmful effects

## 12. Ecological informations

**12.1 Ecotoxicity:**

No (test) data available

**12.2 Mobility:**

**12.3 Persistence and degradability:**

Biodegradability in water: no data available

**12.4 Bioaccumulative potential:**

No bioaccumulation data available

**12.5 Results of PBT assessment:**

Not applicable, based on available data

**12.6 Other adverse effects:**

Not applicable

## 13. Disposal considerations

**13.1 Provisions relating to waste:**

Waste material code (Directive 2008/98/EC, decision 2001/118/EC)

07 02 13 : waste plastic

Can be considered as non hazardous waste according to Directive 2008/98/EC

**13.2 Disposal methods:**

Remove waste in accordance with local and/or national regulation

Dispose of as office refuse

**13.3 Packaging/Container:**

No data available

## 14. Transport information

**ADR**

Transport	Not subject
UN number	-
Class	
Packing group	
Hazard identification number	
Classification code	
Labels	
Environmentally hazardous substance mark	no

**RID**

Transport	Not subject
UN number	-
Class	
Packing group	
Classification code	
Labels	

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Environmentally hazardous substance mark	no
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### ADN

Transport	Not subject
UN number	-
Class	
Packing group	
Classification code	
Labels	
Environmentally hazardous substance mark	no

### IMO

Transport	Not subject
UN number	-
Class	-
Labels	
Marine pollutant	-
Environmentally hazardous substance mark	no

### ICAO

Transport	Not subject
UN number	-
Class	
Packing group	
Labels	
Environmentally hazardous substance mark	no

## 15. Regulatory information

### 15.1 EU Legislation:

#### DSD/DPD

Labelling does not apply to articles

### 15.2 National provisions:

### 15.3 Specific community rules:

## 16. Other information

The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Old versions must be destroyed. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question.

Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations and recommendation or which are necessary and/or useful based on the real applicable circumstances. BIG does not guarantee the accuracy or exhaustiveness of the information provided. Use of this safety data sheet is subject to the licence and liability limiting conditions as stated in your BIG licence agreement.

(\* ) = INTERNAL CLASSIFICATION (NFPA)

PBT-substances = persistent, bioaccumulative and toxic substances

DSD                    Dangerous Substance Directive  
 DPD                    Dangerous Preparation Directive  
 CLP (EU-GHS)      Classifications, labelling and packaging (Globally Harmonised System in Europe)