

Issuing Date 27-12-2022

Revision Date 15-12-2022

Revision Number 1

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product Name** PC-ABS-ALL

### Other means of identification

**Product Code(s)** SDS-MB-000004 CE D

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** 3D Printing

**Uses advised against** Do not use in printers where temperatures exceed 325°C

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

#### Initial Supplier Identifier

JMac Consulting Ltd.  
19 Norway Maple Dr  
Chatham, Ontario  
N7L 5C8  
Canada

#### Manufacturer Address

MakerBot Industries LLC  
One MetroTech Center, 21st Floor  
Brooklyn, NY 11201  
USA  
1 347 334 6800

### Emergency telephone number

**Emergency Telephone** +1 215 207 0061 - Americas - Multi lingual response 24/7

**E-mail address** RegulatoryCompliance@MakerBot.com

## 2. HAZARDS IDENTIFICATION

### Classification

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

### Label elements

#### **Hazard statements**

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

### Other Information

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required If small particles are generated during further processing, handling, or by other means,

combustible dust concentrations in air may form See section 7 for more information See section 8 for more information

**Unknown acute toxicity** 89.68 % of the mixture consists of ingredient(s) of unknown toxicity  
89.68 % of the mixture consists of ingredient(s) of unknown acute oral toxicity  
89.68 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity  
89.68 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)  
89.68 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)  
89.68 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Substance

Not applicable.

#### Mixture

The product contains no substances which at their given concentration, are considered to be hazardous to health

Some of the chemicals have dust hazards. These hazards are not germane, as the chemicals are encapsulated in a fully reacted polymer

**^Hazardous Material Information Review Act registry number (HMIRA registry #):**

-

**^^Date HMIRA filed: - ^^Date exemption granted: -**

### 4. FIRST AID MEASURES

#### Description of first aid measures

<b>Inhalation</b>	No hazards which require special first aid measures. Move to fresh air in case of accidental inhalation of vapors or decomposition products. Get medical attention.
<b>Eye contact</b>	No hazards which require special first aid measures. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if symptoms occur.
<b>Skin contact</b>	No hazards which require special first aid measures. If skin irritation or rash occurs: Get medical advice/attention.
<b>Ingestion</b>	IF SWALLOWED. Rinse mouth thoroughly with water. Get immediate medical advice/attention.

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

**Symptoms** May cause light sensitivity which appears as a skin rash when exposed to sunlight.

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

**Note to physicians** Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

<b>Unsuitable extinguishing media</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Specific hazards arising from the chemical</b>	No information available.
<b>Explosion data</b>	
<b>Sensitivity to Mechanical Impact</b>	None.
<b>Sensitivity to Static Discharge</b>	Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.
<b>Special protective equipment for fire-fighters</b>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Ensure adequate ventilation.

### Environmental precautions

**Environmental precautions** See Section 12 for additional Ecological Information.

### Methods and material for containment and cleaning up

**Methods for containment** Handle in accordance with good industrial hygiene and safety practice.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep tightly closed in a dry and cool place.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

**Exposure Limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Appropriate engineering controls**

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems. If dust is generated during further processing provide exhaust ventilation.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** No special protective equipment required.

**Skin and body protection** No special protective equipment required. When handling hot material, use heat resistant gloves.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. Minimize dust generation and accumulation.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

**Physical state** No information available  
**Appearance** Monofilament  
**Color** No information available  
**Odor** No information available  
**Odor threshold** No information available

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>
<b>pH</b>	No data available	None known
<b>Melting point / freezing point</b>	No data available	None known
<b>Boiling point / boiling range</b>	No data available	None known
<b>Flash point</b>	No data available	None known
<b>Evaporation rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	Not applicable	None known
<b>Flammability Limit in Air</b>		None known
<b>Upper flammability limit:</b>	Not applicable	
<b>Lower flammability limit:</b>	No data available	
<b>Vapor pressure</b>	No data available	None known
<b>Vapor density</b>	No data available	None known
<b>Relative density</b>	No data available	None known
<b>Water solubility</b>	Insoluble in water	
<b>Solubility in other solvents</b>	No data available	None known
<b>Partition coefficient</b>	No data available	None known
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	None known
<b>Explosive properties</b>	No information available.	
<b>Oxidizing properties</b>	No information available.	

**Other information**

**Softening point** No information available  
**Molecular weight** No information available

VOC Content (%)	No information available
Liquid Density	No information available
Bulk density	No information available

## 10. STABILITY AND REACTIVITY

Reactivity	Stable under recommended storage conditions.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	None known based on information supplied.
Incompatible materials	None known based on information supplied.
Hazardous decomposition products	None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available.

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

Symptoms	No information available.
----------	---------------------------

### Numerical measures of toxicity

#### Acute toxicity

##### Unknown acute toxicity

89.68 % of the mixture consists of ingredient(s) of unknown toxicity  
89.68 % of the mixture consists of ingredient(s) of unknown acute oral toxicity  
89.68 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity  
89.68 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)  
89.68 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)  
89.68 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

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

Skin corrosion/irritation	No information available.
Serious eye damage/eye irritation	No information available.
Respiratory or skin sensitization	No information available.
Germ cell mutagenicity	No information available.

---

<b>Carcinogenicity</b>	No information available.
<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	No information available.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

<b>Persistence and degradability</b>	Not readily biodegradable.
<b>Bioaccumulation</b>	Bioaccumulative potential.
<b>Other adverse effects</b>	No information available.

## 13. DISPOSAL CONSIDERATIONS

### Disposal methods

<b>Waste from residues/unused products</b>	Dispose of waste in accordance with environmental legislation. Dispose of in accordance with local regulations.
<b>Contaminated packaging</b>	Do not reuse empty containers.

## 14. TRANSPORT INFORMATION

<b><u>TDG</u></b>	Not regulated
<b><u>DOT</u></b>	Not regulated

## 15. REGULATORY INFORMATION

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

#### International Regulations

<b>The Montreal Protocol on Substances that Deplete the Ozone Layer</b>	Not applicable
<b>The Stockholm Convention on Persistent Organic Pollutants</b>	Not applicable

The Rotterdam Convention Not applicable

**International Inventories**

TSCA	Complies
DSL/NDSL	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AIIC	Complies

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AIIC** - Australian Inventory of Industrial Chemicals

**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

<b><u>NFPA</u></b>	Health hazards 0	Flammability 0	Instability 0	Physical and chemical properties -
<b><u>HMIS</u></b>	Health hazards 0	Flammability 0	Physical hazards 0	Personal protection X

**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

Revision Date 15-12-2022

Revision Note No information available.

**Disclaimer**

The information provided in this Safety Data Sheet derives from a third party source. Whilst we believe that the information is correct as at the date of its publication, we do not make any representations or warranties regarding the accuracy or completeness of the information nor the quality or specification of any materials, substances or mixtures referred to herein (collectively, "Materials"). The information is being provided solely as a guideline for the safe handling, use, consumption, processing, storage, transportation, disposal and release of the Materials. The information may not be sufficient for such purposes and the user should not place any reliance on the information provided. The information may not be applicable to Materials that are combined with any materials or in any process other than as expressly stated herein. We shall not be liable for any kind of liability including, without limitation, damages, losses or expenses, arising out of or as a result of any reliance on the information contained in this Safety Data Sheet.

© 2022 Stratasy Ltd. License granted to make unlimited paper/electronic copies for internal use only. This Safety Data Sheet or sections thereof should not be published, reproduced, modified, or distributed to third parties without prior written consent from Stratasy Ltd.

**End of Safety Data Sheet**