

**SAFETY DATA SHEET****3D MATTERHACKERS BLUE ABS**

Version Number 1.0  
Revision Date 06/14/2022

Page 1 of 10  
Print Date 06/15/2022

**SAFETY DATA SHEET****3D MATTERHACKERS BLUE ABS****Section 1. Identification**

**GHS product identifier** : 3D MATTERHACKERS BLUE ABS  
**Chemical name** : Mixture  
**CAS number** : Mixture  
**Other means of identification** : CC10362278  
**Product type** : solid

**Relevant identified uses of the substance or mixture and uses advised against**

**Product use** : Industrial applications.

**Supplier's details** : **AVIENT CORPORATION**  
 33587 Walker Road, Avon Lake, OH 44012  
 1 (440) 930-1000 or 1 (844) 4AVIENT

**Emergency telephone number (with hours of operation)** : CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).

**Section 2. Hazards identification**

This mixture has not been evaluated as a whole. Information provided on the health effects of this product is based on individual components. All ingredients are bound and potential for hazardous exposure as shipped is minimal. However, some vapors may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure. After handling, always wash hands thoroughly with soap and water.

**OSHA/HCS status** :

**Classification of the substance or mixture** :

**GHS label elements**

**Signal word** : No signal word.  
**Hazard statements** : No known significant effects or critical hazards.

**Precautionary statements**

**General** :

**SAFETY DATA SHEET**

**3D MATTERHACKERS BLUE ABS**

Version Number 1.0  
 Revision Date 06/14/2022

Page 2 of 10  
 Print Date 06/15/2022

Prevention :  
 Response :  
 Storage :  
 Disposal :  
 Supplemental label elements :  
 Hazards not otherwise classified :

**Section 3. Composition/information on ingredients**

Substance/mixture :  
 Chemical name : Mixture  
 Other means of identification : CC10362278

CAS number/other identifiers

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

Occupational exposure limits, if available, are listed in Section 8.

**Section 4. First aid measures**

Description of necessary first aid measures

Eye contact :  
 Inhalation :  
 Skin contact :  
 Ingestion :

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact :  
 Inhalation :  
 Skin contact :  
 Ingestion :

Over-exposure signs/symptoms

Eye contact :  
 Inhalation :  
 Skin contact :  
 Ingestion :

**SAFETY DATA SHEET**

**3D MATTERHACKERS BLUE ABS**

Version Number 1.0  
 Revision Date 06/14/2022

Page 3 of 10  
 Print Date 06/15/2022

**Indication of immediate medical attention and special treatment needed, if necessary**

- Notes to physician :
- Specific treatments :
  
- Protection of first-aiders :

See toxicological information (Section 11)

**Section 5. Fire-fighting measures**

**Extinguishing media**

- Suitable extinguishing media :
- Unsuitable extinguishing media :
  
- Specific hazards arising from the chemical :
- Hazardous thermal decomposition products :
  
- Special protective actions for fire-fighters :
- Special protective equipment for fire-fighters :

**Section 6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**

- For non-emergency personnel :
- For emergency responders :
  
- Environmental precautions :

**Methods and materials for containment and cleaning up**

- Small spill :
- Large spill :

**Section 7. Handling and storage**

**Precautions for safe handling**

## SAFETY DATA SHEET

### 3D MATTERHACKERS BLUE ABS

Version Number 1.0  
 Revision Date 06/14/2022

Page 4 of 10  
 Print Date 06/15/2022

Protective measures :  
 Advice on general occupational hygiene :

Conditions for safe storage, including any incompatibilities :

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

Appropriate engineering controls :  
 Environmental exposure controls :

#### Individual protection measures

Hygiene measures :  
 Eye/face protection :

#### Skin protection

Hand protection :  
 Body protection :  
 Other skin protection :  
 Respiratory protection :

## Section 9. Physical and chemical properties

### Appearance

Physical state : solid [Pellets.]  
 Color : BLUE  
 Odor : Faint odor.  
 Odor threshold : Not available.  
 pH : Not available.  
 Melting point : Not available.  
 Boiling point : Not available.  
 Flash point : Not available.  
 Burning time : Not available.  
 Burning rate : Not available.  
 Evaporation rate : Not available.

## SAFETY DATA SHEET

### 3D MATTERHACKERS BLUE ABS

Version Number 1.0  
 Revision Date 06/14/2022

Page 5 of 10  
 Print Date 06/15/2022

Flammability (solid, gas)	:	Not available.
Lower and upper explosive (flammable) limits	:	<b>Lower:</b> Not available. <b>Upper:</b> Not available.
Vapor pressure	:	Not available.
Vapor density	:	Not available.
Relative density	:	Not available.
Solubility	:	Not available.
Solubility in water	:	insoluble in water.
Partition coefficient: n-octanol/water	:	Not available.
Auto-ignition temperature	:	Not available.
Decomposition temperature	:	Not available.
SADT	:	Not available.
Viscosity	:	<b>Dynamic:</b> Not available. <b>Kinematic:</b> Not available.

### Section 10. Stability and reactivity

Reactivity	:	
Chemical stability	:	
Possibility of hazardous reactions	:	
Conditions to avoid	:	
Incompatible materials	:	
Hazardous decomposition products	:	

### Section 11. Toxicological information

#### Information on toxicological effects

##### Acute toxicity

Conclusion/Summary : Mixture. Not fully tested.

##### Irritation/Corrosion

###### Conclusion/Summary

Skin : Mixture. Not fully tested.  
 Eyes : Mixture. Not fully tested.  
 Respiratory : Mixture. Not fully tested.

##### Sensitization

Conclusion/Summary

**SAFETY DATA SHEET**

**3D MATTERHACKERS BLUE ABS**

Version Number 1.0  
 Revision Date 06/14/2022

Page 6 of 10  
 Print Date 06/15/2022

**Skin** : Mixture.Not fully tested.  
**Respiratory** : Mixture.Not fully tested.

**Mutagenicity**

**Conclusion/Summary** : Mixture.Not fully tested.

**Carcinogenicity**

**Conclusion/Summary** : Mixture.Not fully tested.

**Reproductive toxicity**

**Conclusion/Summary** : Mixture.Not fully tested.

**Teratogenicity**

**Conclusion/Summary** : Mixture.Not fully tested.

**Specific target organ toxicity (single exposure)**

**Specific target organ toxicity (repeated exposure)**

**Aspiration hazard**

**Information on the likely routes of exposure** : Not available.

**Potential acute health effects**

**Eye contact** :  
**Inhalation** :  
**Skin contact** :  
**Ingestion** :

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

**Eye contact** :  
**Inhalation** :  
**Skin contact** :  
**Ingestion** :

**Delayed and immediate effects and also chronic effects from short and long term exposure**

**Short term exposure**

**SAFETY DATA SHEET**

**3D MATTERHACKERS BLUE ABS**

Version Number 1.0  
 Revision Date 06/14/2022

Page 7 of 10  
 Print Date 06/15/2022

**Potential immediate effects** : Not available.  
**Potential delayed effects** : Not available.

Long term exposure

**Potential immediate effects** : Not available.  
**Potential delayed effects** : Not available.

Potential chronic health effects

**Conclusion/Summary** : Mixture.Not fully tested.

**General** :  
**Carcinogenicity** :  
**Mutagenicity** :  
**Teratogenicity** :  
**Developmental effects** :  
**Fertility effects** :

Numerical measures of toxicity

Acute toxicity estimates

**Other information** : This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

**Section 12. Ecological information**

Toxicity

Product/ingredient name	Result	Species	Exposure
3D MATTERHACKERS BLUE ABS			
<b>Remarks - Acute - Aquatic invertebrates.:</b>	Chemicals are not readily available as they are bound within the polymer matrix.		

**Conclusion/Summary** : Chemicals are not readily available as they are bound within the polymer matrix.

Persistence and degradability

**Conclusion/Summary** : Chemicals are not readily available as they are bound within the

**SAFETY DATA SHEET**

**3D MATTERHACKERS BLUE ABS**

Version Number 1.0  
 Revision Date 06/14/2022

Page 8 of 10  
 Print Date 06/15/2022

polymer matrix.

**Conclusion/Summary** : Chemicals are not readily available as they are bound within the polymer matrix.

**Bioaccumulative potential**  
 Not available.

**Mobility in soil**

**Soil/water partition coefficient (KOC)** : Not available.

**Other adverse effects** :

**Section 13. Disposal considerations**

**Section 14. Transport information**

U.S.DOT 49CFR Ground/Air/Water : Not regulated for transportation.

International Air ICAO/IATA : Not classified as dangerous goods under transport regulations.

International Water IMO/IMDG : Not classified as dangerous goods under transport regulations.

**Section 15. Regulatory information**

**U.S. Federal regulations** :

**US. EPA CERCLA Hazardous Substances (40 CFR 302)**

**SARA 311/312**

**SAFETY DATA SHEET**

**3D MATTERHACKERS BLUE ABS**

Version Number 1.0  
 Revision Date 06/14/2022

Page 9 of 10  
 Print Date 06/15/2022

**Classification** : Not applicable.

**Composition/information on ingredients**

No products were found.

Not applicable.

**State regulations**  
**California Prop. 65**

**International regulations**

**Inventory list**

- Australia** :
- Canada** :
- China** :
- Europe inventory** :
- Japan** :
- New Zealand** :
- Philippines** :
- Republic of Korea** :
- Taiwan** :
- Turkey** :
- United States** :

**Section 16. Other information**

**History**

- Date of printing** : 06/15/2022
- Date of issue/Date of revision** : 06/14/2022
- Date of previous issue** : 00/00/0000
- Version** : 1.0

**Key to abbreviations**

- : ATE = Acute Toxicity Estimate
- : BCF = Bioconcentration Factor
- : GHS = Globally Harmonized System of Classification and Labelling of Chemicals
- : IATA = International Air Transport Association
- : IBC = Intermediate Bulk Container
- : IMDG = International Maritime Dangerous Goods
- : LogPow = logarithm of the octanol/water partition coefficient
- : MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine

## SAFETY DATA SHEET

### 3D MATTERHACKERS BLUE ABS

Version Number 1.0  
Revision Date 06/14/2022

Page 10 of 10  
Print Date 06/15/2022

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References : pollution)  
UN = United Nations  
: Not available.

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