



Brick in the Yard  
Mold Supply  
brickintheyard.com  
(214)575-5600  
521 Sterling Dr  
Richardson, TX 75081

# Art Kast Brushable Part B

## Safety Data Sheet

### 1. Identification of Substance:

Product Name: Art Kast Brushable

**Supplier Identification:**

BITY Mold Supply

**Telephone:**

(909) 941-4999

**Address:**

520 Sterling Dr  
Richardson, TX 75075

**24-Hr. Emergency Phone Number:**

CHEMTREC (800) 424-9300  
INTERNATIONAL: +1-(703) 527-3887

Product Use: Polyurethane isocyanate component

### 2. Hazards Identification

**GHS Ratings:**

Reproductive toxin                      2                      Human or animal evidence possibly with other information

**GHS Hazards**

H361                      Suspected of damaging fertility or the unborn child

**GHS Precautions**

P201                      Obtain special instructions before use  
P202                      Do not handle until all safety precautions have been read and understood  
P281                      Use personal protective equipment as required  
P308+P313              IF exposed or concerned: Get medical advice/attention  
P405                      Store locked up  
P501                      Dispose of contents/container in accordance with existing federal, state, and local environmental control laws.

**Signal Word: Warning**



**Acute Toxicity:**

**Eyes:** Minor potential for irritation.  
**Skin:** Minor potential for irritation.  
**Inhalation:** Not expected to be a route of exposure.  
**Ingestion:** Consult physician.

**Conditions Aggravated:** None known.

**Chronic Effects:** Not expected to cause any adverse chronic health effects.

### **3. Composition/Data on Components:**

<b>Chemical Name</b>	<b>CAS number</b>	<b>Weight Concentration %</b>
Propoxylated trimethylolpropane	25723-16-4	70.00% - 80.00%
2,2,4-Trimethyl-1,3-pentanediol diisobutyrate	6846-50-0	10.00% - 20.00%
Diethyltoluenediamine	68479-98-1	1.00% - 5.00%
Silica, amorphous	7631-86-9	1.00% - 5.00%
Aluminum oxide	1344-28-1	1.00% - 5.00%
Sodium oxide (Na <sub>2</sub> O)	1313-59-3	1.00% - 5.00%
Titanium dioxide	13463-67-7	0.10% - 1.00%

### **4. First Aid Measures:**

**Inhalation:** Move to fresh air. If breathing is difficult, give oxygen.

**After Eye Contact:** Rinse opened eye for at least 15 minutes under running water. Remove contact lenses if present and easy to do so, and continue rinsing.

**After Skin Contact:** Clean affected area with soap and plenty of water.

**After Swallowing:** Consult physician.

**Notes to Physician:** Treat symptomatically

### **5. Fire Fighting Measures:**

Flash Point: 250°F, 121°C

LEL: N/A

UEL: N/A

**Upper and lower explosive limits listed if known.**

**Suitable Extinguishing Agents:** Water spray, CO<sub>2</sub>, Foam, Dry chemical

**Information about Protection against Explosions and Fires:** Closed containers may rupture when exposed to extreme heat.

**Dangerous Products of Decomposition:** Oxides of carbon, hydrocarbons.

**Protective Equipment:** Firefighters should wear a pressure demand self-contained breathing apparatus and protective clothing.

### **6. Accidental Release Measures:**

**Person-Related Safety Precautions:** Avoid contact with skin and eyes.

**Measures for Environmental Protection:** Cover and contain spill with absorbent material. Collect for

proper disposal according to local, state, and federal regulations.

**Small Spills:** Absorb with earth, sand or other absorbent material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece) clean surface thoroughly to remove residual contamination.

**Large Spills:** Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use an absorbent material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

## **7. Handling and Storage:**

**Information for Safe Handling:** Avoid contact with skin or inhalation.

**Storage Requirements:** Store in dry, well ventilated area. Keep containers tightly closed. Store between 60°F-100°F. Material may settle.

**Regulatory Requirements:** Store according to all local, state, and federal regulations.

## **8. Exposure Controls and Personal Protection:**

<b>Chemical Name / CAS No.</b>	<b>OSHA Exposure Limits</b>	<b>ACGIH Exposure Limits</b>	<b>Other Exposure Limits</b>
Propoxylated trimethylolpropane 25723-16-4	Not Established	Not Established	Not Established
2,2,4-Trimethyl-1,3-pentanediol diisobutyrate 6846-50-0	Not Established	Not Established	Not Established
Diethyltoluenediamine 68479-98-1	Not Established	Not Established	Not Established
Silica, amorphous 7631-86-9	Not Established	Not Established	NIOSH: 6 mg/m <sup>3</sup> TWA
Aluminum oxide 1344-28-1	15 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable fraction)	Not Established	Not Established
Sodium oxide (Na <sub>2</sub> O) 1313-59-3	Not Established	Not Established	Not Established
Titanium dioxide 13463-67-7	15 mg/m <sup>3</sup> TWA (total dust)	10 mg/m <sup>3</sup> TWA	Not Established

**Engineering Controls:** No specific measures required if proper PPE precautions are followed.

**General Protective and Hygienic Measures:** Usual precautionary measures should be adhered to when handling chemicals.

**Respiratory Protection:** None required if work area is properly ventilated.

**Protection of Hands:** Protective chemical resistant gloves.

**Eye Protection:** Safety glasses.

**Body Protection:** Protective work clothing. Launder separately.

**Contaminated Gear:** Observe local requirements. Dispose of in accordance with local/state/federal regulations.

## 9. Physical and Chemical Properties:

Physical properties listed where known.

<b>Appearance:</b> Off white liquid	<b>Odor:</b> Mild
<b>Vapor Pressure:</b> N/A	<b>Odor threshold:</b> N/A
<b>Vapor Density:</b> N/A	<b>pH:</b> N/A
<b>Specific Gravity:</b> 1.11	<b>Melting point:</b> N/A
<b>Freezing point:</b> N/A	<b>Solubility:</b> N/A
<b>Boiling range:</b> 132 - 2230°C	<b>Flash point:</b> 250°F, 121°C
<b>Evaporation rate:</b> N/A	<b>Flammability:</b> N/A
<b>Explosive Limits:</b> N/A	<b>Partition coefficient N/A</b> <b>(n-octanol/water):</b>
<b>Autoignition temperature:</b> 420°C	<b>Decomposition temperature:</b> N/A

## 10. Stability and Reactivity:

**Incompatible Materials:** Avoid contact with isocyanates and strong oxidizing agents.

**Hazardous Polymerization:** Not expected to occur.

**Dangerous Products of Decomposition:** Oxides of carbon, hydrocarbons.

## 11. Toxicological Information:

**Mixture Toxicity**

**Component Toxicity**

68479-98-1 Diethyltoluenediamine  
Oral LD50: 485 mg/kg (Rat) Dermal LD50: 700 mg/kg (Rabbit)

**Toxicity Values Listed if Known**

**Acute Toxicity:**

**Eyes:** Minor potential for irritation.

**Skin:** Minor potential for irritation.

**Inhalation:** Not expected to be a route of exposure.

**Ingestion:** Consult physician.

**Chronic Effects:** Not expected to cause any adverse chronic health effects.

**Routes of Entry:** Eye contact, skin contact.

**Target Organs:** None known.

**Chemicals with Known or Possible Carcinogenic Effects:**

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
-------------------	--------------------	-----------------	--------------------------

**12. Ecological Information:**

**General Information:** Based on experience, no adverse effects are to be expected if correct disposal procedures have been followed as indicated in section 13.

Individual component ecotoxicity listed if known.

**Component Ecotoxicity**

Propoxylated trimethylolpropane	96 Hr LC50 Fish: 100 mg/L
2,2,4-Trimethyl-1,3-pentanediol diisobutyrate	96 Hr LC50 Pimephales promelas: >1.55 mg/L [static] 48 Hr EC50 Daphnia magna: >1.46 mg/L
Diethyltoluenediamine	48 Hr LC50 Leuciscus idus: 194 mg/L 48 Hr EC50 Daphnia magna: < 1 mg/L 16 Hr EC50 Pseudomonas putida: 170 mg/L
Silica, amorphous	96 Hr LC50 Brachydanio rerio: 5000 mg/L [static] 48 Hr EC50 Ceriodaphnia dubia: 7600 mg/L 72 Hr EC50 Pseudokirchneriella subcapitata: 440 mg/L

**13. Disposal Considerations:**

**Recommendation:** Observe local requirements. Dispose of in accordance with local/state/federal regulations.

**Empty Container Precautions:** Recondition or dispose of empty container in accordance with governmental regulations. If container is to be disposed, ensure all product residues are removed and container is empty prior to disposal.

**14. Transport Information:****DOT Regulated Components:**

This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods unless specifically cited below:

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
	None			

**15. Regulatory Information:**

**OSHA HAZARD COMMUNICATION STANDARD:** This material is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

**SARA 311/312 Hazard Categories:** Chronic health hazard.

**WARNING:** This product can expose you to chemicals listed below, which are known to the State of California to cause cancer, birth defects, or reproductive harm. For more information, visit [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Titanium dioxide 13463-67-7 0.1 to 1.0 % CARC

**Massachusetts Right To Know List:**

Titanium dioxide 13463-67-7 0.1 to 1.0 %  
Aluminum oxide 1344-28-1 1 to 5 %  
Silica, amorphous 7631-86-9 1 to 5 %

**New Jersey Right To Know List:**

Titanium dioxide 13463-67-7 0.1 to 1.0 %  
Aluminum oxide 1344-28-1 1 to 5 %  
Silica, amorphous 7631-86-9 1 to 5 %

**Pennsylvania Right To Know List:**

Titanium dioxide 13463-67-7 0.1 to 1.0 %  
Aluminum oxide 1344-28-1 1 to 5 %  
Silica, amorphous 7631-86-9 1 to 5 %

**SARA 302 Extremely Hazardous Substances:**

- None

**Chemicals subject to SARA 313 Reporting:**

Aluminum oxide 1344-28-1 1 to 5 % Emissions

**Country**

Canada  
US

**Regulation**

Canada DSL  
Toxic Substances Control Act

**All Components Listed**

Yes  
Yes

**16. Other Information:**

Safety Data Sheet issued by Product Safety Department

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Accella Polyurethane Systems. The data on these sheets relates only to the specific material designated herein. Accella Polyurethane Systems assumes no legal responsibility for use or reliance upon this data. It is the user's responsibility to ensure that their activities comply with federal, state, or local laws.

Date revised: 2019-10-02  
Date Prepared: 10/2/2019

Reviewer Revision 1