



SAFETY DATA SHEET

Issue Date: 7/28/2020

Section 1 Chemical Product and Company Identification

Product Name: **Duets Accents™**
Manufacturer: Gemini, Incorporated
Telephone: 570-263-3957 Fax: 507-263-4887
Address: 103 Mensing Way, Cannon Falls, MN 55009
Formula: Mixed Chemical ID: ACRYLIC PRODUCTS



Potential Hazards:
FIRE: RESPIRATORY

Section 2 Hazards(s) Identification

New GHS Hazard Categories
Category 1 = SEVERE hazard
Category 2 = Serious hazard
Category 3 = Moderate hazard
Category 4 = Slight Hazard
Category 5 = Minimal hazard

GHS Ratings	
Health:	5 minimal hazard
Flammability:	4 Slight hazard
Instability:	5 minimal hazard
Special:	

*Gemini's finished formed products in general are not hazardous. Product is stable and non-hazardous as shipped. Reprocessing product or sheet may produce/release hazards.

* Warning! Molten material will produce thermal burns.

Section 3 Composition/Information on Ingredients

Ingredients	Cas#	Percent%	OSHA		
			TWA	PEL	ACGIH/TLV
1 Polymethyl Methacrylate (PMMA)	9010-88-2	99.5 min	n/a	n/a	n/a
2 Methyl Methacrylate (MMA)	80-62-6	.5 max	n/a	100ppm*	50ppm
Note: Nuisance Dust				5mg/m ³	10mg/m ³
Note: 100ppm = 410 mg/m ³					

Section 4 First Aid Measures (Note: none as supplied)

* Product as shipped does not present any health or safety hazards. Processing is not recommended.

Eyes: Vapors from heated product can irritate the eyes. Move subject to fresh air. Flush eyes with plenty of water for at least 15 minutes. Seek medical help.

Skin: If burned by molten material, cool as quickly as possible. Do not peel material from skin. Get medical attention. Dust can also cause irritation. Flush area immediately.

Inhalation: *If symptomatic, move to fresh air. Get medical attention if symptoms persist.

Ingestion: *Low hazard associated with normal conditions-induction of vomiting is not necessary. Seek is medical advice.

Carcinogenicity: N/A

Section 5 Fire Fighting Measures

Extinguishing Media: Water spray, carbon dioxide, dry chemical. Combination ABC extinguisher recommended.

Special Fire-fighting Procedures: Wear self-contained breathing apparatus and protective clothing.

Hazardous Combustion Products: Product is combustible thermoplastic material that burns vigorously.

General Hazards: Does not pose a significant fire or explosion hazard as shipped.

Fire and explosion may occur when material is in the form of dust and exposed to spark, heat or flames, or chemical reaction.

*Class ABC combination extinguisher is recommended. Proper PPE are required for fire fighting.

Section 6 Accidental Release Measures

- * No precautions are necessary for spills of bulk material.
- * If large quantity of dust are spilled, remove by sweeping. Do not generate airborne dust clouds due to potential for explosive dust hazards. Place dust in a labeled container and ship to a recycler.
- * Product as supplied is non-hazardous

Section 7 Handling and Storage

- * Dust and scraps should be recycled. Product as supplied is non-hazardous.
- * Avoid hot/moist conditions which could destroy product integrity. Should be stored in dry areas only.
- * Temperature at 99°C/210°F will soften material and may cause moisture absorption.
- * Any waste disposal must meet federal, state, and local laws and regulations.
- * In general, any waste stream must be tested or the generator must have absolute knowledge of toxicity levels.
- * As supplied this product is not a RCRA regulated product; not a hazardous waste.

Section 8 Exposure Controls/Personal Protection

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| Ventilation: | Local exhaust is required when dust/fume is above the OSHA PEL or TWA limits. |
| Respiratory Protection | NIOSH or MSHA approved respirators are recommended. Respirator is required when exposure is above OSHA PEL or TWA. |
| Gloves: | Recommended when handling sharp edges. Recommended for those with sensitivity to aluminum dust. |
| Eyes: | Safety glasses or goggles should be worn when exposed to dust or hot materials. |
| Special PPE | If close proximity to molten product wear face shield.
If material is heated, wear gloves to protect against thermal burn. |

Section 9 Physical and Chemical Properties

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| *Flash Point | Not applicable | *Physical State: Solid | |
| | Combustible Solid | *Specific Gravity (water =1) | 1.19 |
| *Vapor Density (air =1) | Not applicable | *Odor: | Slight when process by heat |
| *Solubility in water: | Not applicable | *Auto Ignition Temp: | 445°C/833°F |

Section 10 Stability and Reactivity

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| Stability | *Stable at room temperature. Stable as shipped. |
| Conditions to avoid: | Temperatures over 300°C/570°F |
| Incompatibility | *Reacts with strong oxidizing agents, acids, and bases. |
| Hazardous Polymerization | Thermal decomposition or combustion may emit vapors, carbon dioxide, and/or carbon monoxide. |

Section 11 Toxicological Information

- The components of this product are on the TSCA inventory list.
Exposure is unlikely as shipped.

Section 12 Ecological Information

- * Sheets are "articles" and pose no ecological hazards.
- * Not hazardous under RCRA or CERCLA.
- * Notification to National Response Center not required.

Section 13 Disposal Considerations

- * Dust and scraps should be recycled. As supplied this product is not regulated as hazardous under RCRA.
- * Any waste disposal must meet federal, state, and local laws and regulations.

- * In general, any additives containing metals should be tested locally for toxicity for disposal determination.
- * Incineration is suggest. Discharge, treatment, or waste may be subject to state and local laws.

Section 14 Transport Information (not regulated)

***Gemini's products are "Articles" and not hazardous in their solid forms. Any alteration to our products must comply with DOT regulation 49 CFR for transportation.**

Section 15 Regulatory Information

* This product as supplied is non-hazardous. Gemini's products meet OSHA 1910.1200 section (v) as articles. SDS is not required if the form is not altered. This SDS is produced as additional information for those who intend on altering this product and generating dust, fumes, and wastes in the process.

Section 16 Other Information none

Ref: Data from resin supplier