



Custom Composites for a Sustainable Future

Material Safety Data Sheet
Revised 3/10/16

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Solid Surface Acrylic Table Tops

MSDS Number: SSA031016

Manufacturer: Solid Surface Acrylics

800 Walck Rd

N. Tonawanda, NY 14120

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

The product as such is not hazardous. The hazards of this product are associated mainly with its processing. Operations such as sawing, routing, drilling and sanding can generate dust. **WARNING!**-May form combustible dust concentrations in air (during processing). High concentrations of dust can irritate eyes, nose and respiratory system and cause coughing and sneezing. Solid Surface Acrylic material does not emit gas at room temperature. At higher temperatures, small amounts of methyl methacrylate and butyl acrylate can be released. The amounts are dependent upon temperature, time and other variables.

Potential Health Effects

Additives in this product do not present a respiration hazard unless the product is ground to a powder of respirable size and the dust is inhaled. All dusts are potentially injurious to the respiratory track if respirable particles are generated and inhaled.



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SECTION 3. FIRST AID MEASURES

Skin Contact

No hazards which require special first aid measures.

Eye Contact

Rinse thoroughly with plenty of water, also under the eyelids.

Inhalation

If large amounts of dust are inhaled, or if exposed to fumes from overheating or combustion, move to fresh air.

Ingestion

No hazards which require special first aid measures.

SECTION 4. FIRE- FIGHTING MEASURES

Flammable Properties Flash Point

Not applicable

Fire and Explosion Hazard

Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Hazardous combustion products include Carbon monoxide, Carbon dioxide (CO₂), Methyl methacrylate monomer and Aldehydes Butyl acrylate.

Suitable extinguishing media

Water spray, dry chemical, carbon dioxide (CO₂), Foam



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SECTION 5. ACCIDENTAL RELEASE MEASURES

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Safeguards (Personnel)

No special precautions required.

Spill Clean up

Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Avoid dispersal of dust in the air (i.e.- clearing dust surfaces with compressed air). Non-sparking tools should be used.

Accidental Release Measures

No special environmental precautions required.

SECTION 6. HANDLING AND STORAGE

Handling (Personnel)

Do not breathe dust. Do not breathe dust vapors or fumes that may not be evolved during processing. Wash hands before breaks and at the end of work day. Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Dry powders can build static electricity charges when subjected to the friction or transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres.



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Storage

No special storage conditions required.

SECTION 7. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen deficient environment. Ensure that dust-handling (such as exhaust ducts, dust collectors vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e. there is no leakage from the equipment). Use only appropriately classified electrical equipment and powered industrial trucks.

Personal Protective Equipment Respiratory Protection

No personal respiratory protective equipment normally required. Dust safety masks are recommended when the dust concentration is more than 10 mg/m³.

Hand Protection

Additional protection: wear leather or cotton gloves when grinding, sawing, routing, drilling or sanding.

Eye Protection

Wear safety glasses.



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SECTION 8. PHYSICAL AND CHEMICAL PROPERTIES

Form: Solid

Color: Various

Odor: odorless

Density: 1.6-1.8g/cm³

Water Solubility: Insoluble

SECTION 9. STABILITY AND REACTIVITY

Conditions to Avoid

None reasonably foreseeable. Stable under normal conditions.

Hazardous Decomposition

Methyl methacrylate monomer- n-Butyl acrylate, Butyl acrylate

SECTION 10. TOXICOLOGICAL INFORMATION

Solid Surface Acrylics further information

This product has no known adverse effect on the human health.



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SECTION 11. ECOLOGICAL INFORMATION

Additional ecological information

This product has no known eco-toxicological effects.

SECTION 12. DISPOSAL CONSIDERATIONS

Waste Disposal

Can be landfilled or incinerated, when in compliance with local regulations.

SECTION 13. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

SECTION 14. OTHER INFORMATION

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.