

**Corian® Solid Surface Acrylic Modified Polyester Shapes**

Version 2.2

Issue Date : 10/28/2021 Ref. 130000149699
Revision Date : 02/22/2021

This document is for information only, provided voluntarily and not subsequent to regulatory requirement.

PRODUCT AND CONTACT INFORMATION**Product identifier**

Product name : Corian® Solid Surface Acrylic Modified Polyester Shapes
Company : EIDCA Specialty Products Company
PO Box 2200 Streetsville
Mississauga, ON
L5M 2H3
Canada
Telephone : 1-800-387-2122

Emergency telephone number

Emergency contact : 1-800-441-3637 (24 hours)

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.

Physical and chemical properties

Form : solid
Color : various
Odor : odourless
Bulk density : 1.7 - 1.8 kg/m³

Stability and reactivity

Conditions to avoid : None reasonably foreseeable. Stable under normal conditions.

Hazardous decomposition products : Methyl methacrylate monomer, Styrene

INFORMATION ON INGREDIENTS

Component	CAS-No.	Concentration
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Solid Surface		100 %
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Exposure limits may be applicable for the following :

Dust (inhalable and respirable fraction)		
Methyl methacrylate	80-62-6	
Styrene	100-42-5	

FIRST AID MEASURES
Description of first aid measures

- Inhalation : If large amounts of dust are inhaled, or if exposed to fumes from overheating or combustion, move to fresh air.
- Skin contact : No hazards which require special first aid measures.
- Eye contact : Rinse thoroughly with plenty of water, also under the eyelids.
- Ingestion : No hazards which require special first aid measures.

FIREFIGHTING MEASURES
Extinguishing media

Suitable extinguishing media : Water spray, Dry chemical, Carbon dioxide (CO₂), Foam



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Special hazards arising from the article

Specific hazards during firefighting : 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 Carbon monoxide Carbon dioxide (CO₂)
Methyl methacrylate monomer Aldehydes

ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions : No special precautions required.

Environmental precautions

Environmental precautions : No special environmental precautions required.

Methods and materials for containment and cleaning up

Methods for cleaning 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



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with compressed air), Non-sparking tools should be used.

HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling : Do not breathe dust. Do not breathe vapours or fumes that may be evolved during processing. Wash hands before breaks and at the end of workday. 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 of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres. Handling and processing operations should be conducted in accordance with best practices (e.g.NFPA-654).

Conditions for safe storage, including any incompatibilities

Requirements for storage : No special storage conditions required.
areas and containers

EXPOSURE CONTROLS/PERSONAL PROTECTION



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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 gloves suitable for the task being performed. Leather gloves or a suitable alternative should be worn when handling solid surface. Chemical resistant gloves should be used when handling chemicals. One exception is the use of rotating equipment, where gloves could be caught on the equipment.
- Eye protection : Safety glasses

Exposure Guidelines Exposure Limit Values

Solid Surface			
No applicable data available.			

Dust (inhalable and respirable fraction)			
TLV	(ACGIH)	3 mg/m ³	8-hour, time-weighted average Respirable particulate matter
TLV	(ACGIH)	10 mg/m ³	8-hour, time-weighted average Inhalable particulate matter

Methyl methacrylate			
TLV	(ACGIH)	50 ppm	8-hour, time-weighted average
TLV	(ACGIH)	100 ppm	Short-term exposure limit

Styrene			
TLV	(ACGIH)	20 ppm	8-hour, time-weighted average
TLV	(ACGIH)	40 ppm	Short-term exposure limit

Biological Exposure Indices

Styrene			
BEI	(ACGIH)	40 µg/l	Styrene/Urine End of shift (As soon as possible)



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			after exposure ceases)
BEI	(ACGIH)	400	Mandelic acid plus phenylglyoxylic acid/Urine End of shift (As soon as possible after exposure ceases)

* AEL is DuPont's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.

DISPOSAL CONSIDERATIONS

Waste treatment methods

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

REGULATORY INFORMATION

Product meets the definition of an article as defined by CEPA and is therefore exempt from CEPA inventory requirements.

OTHER INFORMATION

Restrictions on use

Do not use DuPont materials in medical applications involving implantation in the human body or contact with internal body fluids or tissues unless the material has been provided from DuPont under a written contract that is consistent with DuPont policy regarding medical applications and expressly acknowledges the contemplated use. For further information, please contact your DuPont representative. You may also request a copy of the DuPont POLICY Regarding Medical Applications and DuPont CAUTION Regarding Medical Applications.

Further information

Refer to NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids, for safe handling.

Before use read DuPont's safety information.



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