



SAFETY DATA SHEET

PRODUCT NAME: STUDIO Collection®
MSDS ISSUE DATE: 01-12-04
SDS REVISION DATE: 16-02-2022

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

1.1 **PRODUCT NAME:** STUDIO Collection®
Synonyms: C1, G3, A3, K1, K3, M3
Chemical Name: Polyester

1.2 **PRODUCT USE:** Architectural Resin

1.3 **MANUFACTURER:**

Aristech Surfaces LLC
7350 Empire Dr.
Florence, KY 41042

1.4 **CONTACT INFORMATION**

Email: info@aristechs-surfaces.com

Emergency Phone:

(859)- 283-1501 (8AM- 5PM Mon-Fri)
CHEMTREC-(800)- 424-9300 (Off-Hour Emergencies); CCN 1676

Fax: (859)-283-7378

SECTION 2: HAZARDS IDENTIFICATION

2.1 **CLASSIFICATION OF SUBSTANCE:**

PRODUCT Classification Information: Not Classified.

The product is an article in its finished marketed form.

2.2 LABEL ELEMENTS:

Not Applicable

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

3.1 COMPOSITION:

<u>Ingredient Name</u>	<u>CAS #</u>	<u>EC #</u>	<u>% WT</u>	<u>CLP/GHS Classification</u>
Alumina Trihydrate	21645-51-2	244-492-7	<60	Not Classified
Cured Polyester Resin	Mixture	Mixture	42-93	Not Classified
Colorants	N/A	N/A	<2	Not Classified

REACH – Candidate List of Substances of Very High Concern for Authorisation (Article 59).

2-(Hydroxy-3,5-di-(tert)-amylphenyl)benzotriazole	25973-55-1	247-384-8	0-0.15	STOT Rep. Exp. 2 H373 Aquatic Chronic 4 H413
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SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES:

General notes:

Consult a physician. Show this safety data sheet to the doctor in attendance.

Relevant Routes of Exposure: Inhalation, eye and skin.

Inhalation:

For overexposure to heated resins, remove from exposure. If breathing is difficult, or has stopped, administer artificial respiration (mouth-to-mouth) or oxygen as indicated. Call a physician, immediately.

Skin Contact:

Wash affected area with soap and plenty of water. If irritation develops, call a physician.

Eye Contact:

Flush immediately with plenty of cool water for at least 15 minutes. Call a physician immediately.

Ingestion:

Product in its marketed form is inert. If large amounts are swallowed, call physician, immediately.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA:

Use water or dry chemicals to extinguish fire.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANTS OR MIXTURE:

Burning material may give off toxic products of combustion (CO, CO₂) when involved in a hot fire.

5.3 ADVICE FOR FIRE FIGHTERS:

Wear self-contained breathing apparatus and protective suit.

5.4 FURTHER INFORMATION:

Combustion products may include carbon dioxide, carbon monoxide and acrid smoke and fumes.

Flammable Limits in Air (% by Volume): N/A

Flash Point: N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Proper personal protective equipment should be utilized when handling this material.

6.2 ENVIRONMENTAL PRECAUTIONS: N/A

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:

If released or spilled, product may be cleaned up and disposed in the trash. Allow hot or heated material to solidify and cool before disposal.

6.4 REFERENCE TO OTHER SECTION(S):

See SECTION 7 for information on Safe handling.

See SECTION 8 for information on Personal Protective Equipment.

See SECTION 13 for information on Disposal.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING:

Avoid breathing of vapors, fumes and smoke which may be released during thermal processing. Since finished product has sharp edges, protective gloves should be worn when handling.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Store in cool dry area.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS:

Exposure Limit values: Not relevant

8.2 EXPOSURE CONTROLS:

Ventilation Requirements:

Local exhaust ventilation should be used to control the emissions of air contaminants. General dilution ventilation may assist with the reduction of air contaminant concentrations.

Eye/Face:

Employees should be required to wear chemical safety goggles to prevent eye contact. A face shield should be used when appropriate to prevent contact with hot material.

Skin:

Since finished material has sharp edges, wear protective gloves when handling. Polyvinyl alcohol and Teflon® protective garments have been recommended for protection against methyl methacrylate. When necessary, garments for protection against heated materials should be used to prevent skin contact with hot acrylate polymer.

Respiratory:

No personal respiratory protective equipment normally required. In case of dust formation, wear a dust mask.

Other Protective Clothing/Equipment:

Emergency eye wash stations and safety showers should be available in the work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: Solid sheet, various colors
Boiling Point: 290° F (143° C)
Molecular/Chemical Formula: Mixture
Evaporation Rate: N/A
Bulk Density: N/A
Freezing Point: N/A
Melting Point: N/A
Octanol/Water Partition Coefficient: N/A
Water/Oil Distribution Coefficient: N/A
Odor: Odorless
Odor Threshold: N/A
Percent Volatile: <1%

pH Value: N/A
Physical State: Solid sheet
Reactivity in Water: N/A
Solubility in Water: N/A
Specific Gravity or Density (Water=1): 1.13-1.28
Vapor Density: N/A
Vapor Pressure: N/A
Flammable Limits in Air (% by Volume): N/A
Flash Point: N/A

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY: Unreactive.

10.2 CHEMICAL STABILITY: Stable.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS: None known.

10.4 CONDITIONS TO AVOID:

Temperatures above 290° F (143° C) can release styrene.

10.5 INCOMPATIBLE MATERIALS: None known.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon dioxide, carbon monoxide, acrid smoke and fumes, possibly styrene.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS:

Product Based Information:

No toxicological information is available for the finished product. This product is generally believed to be inert based on available data.

Signs and Symptoms of Acute or Chronic Overexposure:

Product sold in its marketed form is not expected to present a serious health hazard; however, operations such as sawing, sanding, grinding or burning may generate dust, smoke or vapors which may be irritating. Inhalation of such dusts, smoke and vapors may cause upper respiratory tract irritation. Symptoms may include burning sensation, coughing, sneezing, and sore throat. Skin contact with dust may produce transitory mechanical irritation. Symptoms may include redness and itching. High concentrations of dusts may cause irritation to the eyes causing burning, redness, and tearing. This product is not expected to be toxic if ingested.

Medical Conditions Generally Aggravated By Exposure:

Individuals with chronic respiratory disorders may be adversely affected by any fume or airborne particulate matter exposure. Persons with preexisting skin disorders may be more susceptible to the effects of this material.

SECTION 12: ECOLOGICAL INFORMATION

12.1 ECOLOGICAL INFORMATION:

No ecological data is currently available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 DISPOSAL:

For uncontaminated material the disposal options include mechanical and chemical recycling or energy recovery. In some countries landfill is also allowed. For contaminated material the options remain the same, although additional evaluation is required. For all countries the disposal methods must be in compliance with national and provincial laws and any municipal or local by-laws. All disposal methods must be in compliance with the EU framework Directives 2008/98/EC and their subsequent adaptations, as implemented in National Laws and Regulations, as well as EU Directives dealing with priority waste streams. Transboundary shipment of wastes must be in compliance with Regulation (EC) No 1013/2006 and subsequent modifications. The definitive assignment of this material to the appropriate EWC group and thus its proper EWC code will depend on the use that is made of this material. Contact the authorized waste disposal services.

SECTION 14: TRANSPORT INFORMATION

14.1 TRANSPORT:

Proper Shipping Name: Not regulated as a hazardous material.

Hazard Class: None

ID Number: None

Packing Group: None

Marine Pollutant: No

SECTION 15: REGULATORY INFORMATION

U.S. Federal Regulations:

Toxic Substances Control Act (TSCA) Inventory- Yes

Superfund Amendments and Reauthorization Act (SARA 313)- N/A

State Regulations:

California Proposition 65 List.

This product does not contain any chemicals listed by the State of California to cause cancer and/or birth defects or other reproductive harm.

International Regulations:

Canadian Inventory (DSL)- Yes

Authorisation status under REACH:

The following substance/s contained in this product might be or is/are subject to authorization in accordance with REACH:

CAS-No.: 25973-55-1	Name: 2-(Hydroxy-3,5-di-(tert)-amylphenyl)benzotriazole
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Authorisation status: listed in the Candidate List of Substances of Very High Concern for Authorisation

SECTION 16: OTHER INFORMATION

ABBREVIATIONS AND ACRONYMS:

CLP= Classification, Labelling and Packaging

CAS= Chemical Abstract Service

N/A= Not Applicable

SARA= Superfund Amendment and Reauthorization Act

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