



SAFETY DATA SHEET

1. PRODUCT INFORMATION

Name: EpoxySci-040 - Epoxy Resin Chemical Resistant Work Surface
Manufacturer's Name: American Stitchco Inc DBA American Epoxy Scientific
Manufacturer's Address: 500 East 16th Street
Mountain Home
AR 76253
Company Phone Number: 870-425-7777 / 870-701-5015
Emergency Phone Number: 870-701-5015

2. COMPOSITION INFORMATION ON INGREDIENTS

Cas#: 0-00-0 Chemical name: Polymerized Epoxy Resin Top Material
Percent: 100 EINECS/ELINCS: Unavailable

3. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

Caution! May cause allergic skin reaction. Cutting or grinding this material may generate dust possibly containing crystalline silica. Chronic inhalation of crystalline silica may lead to fibrotic lung disease, silicosis or cancer. Dust may contain phthalic anhydride, which may cause irritation, respiratory and skin sensitization.

Target Organs: lungs, skin.

Route of Exposure: Inhalation (drilling, cutting or grinding operations only)

Potential Health Effects

Eyes: Dust may cause mechanical irritation. Dusts may cause persistent eye irritation and conjunctivitis.

Skin: Dust may cause mechanical irritation. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material.

Ingestion: Ingestion of large amounts may cause gastrointestinal irritation.

Inhalation: Dust is irritating to the respiratory tract. May cause allergic respiratory reaction.

Chronic: Prolonged exposure to respirable crystalline quartz may cause delayed lung injury/fibrosis (silicosis). Cutting or grinding of the top material may generate dust which may contain crystalline silica.

4. FIRST AID MEASURES

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

Skin: Get medical aid if irritation develops or persists. Flush skin with plenty of soap and water.

Ingestion: If ingested do not induce vomiting. Get medical aid.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician: None



5. FIRE FIGHTING MEASURES

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Extinguishing Media: In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam.

Auto ignition Temperature: Not available.

Explosion Limits: Lower: Not available. Upper: Not available.

Flash Point: Not available.

NFPA Rating:

(estimated) Health: 1; Flammability: 0; Instability: 0

6. ACCIDENTAL RELEASE MEASURES

General Information: Product is a preformed article as sold. No spill or leak procedures should be necessary. Particles generated from cutting, grinding or drilling operations should be collated in a manner to minimize dust generation. Use proper personal protective equipment. Avoid inhaling dust.

Spills/Leaks: Reduce airborne dust and prevent scattering by moistening with water. Avoid generating dusty conditions. Carefully scoop up and place into appropriate disposal container.

7. HANDLING AND STORAGE

Handling:

Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

Storage:

Store in a dry area.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls:

No special ventilation or engineering controls are necessary for the finished product under normal use conditions. When drilling, grinding or cutting, however, use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Personal Protective Equipment

No special PPE are necessary for the finished product under normal use conditions. When drilling, grinding or cutting, however, to prevent possibility of exposure to airborne dust use:

Eyes: Wear dust-proof goggles or safety glasses meeting ANSI Z87.1

Skin: Wear appropriate gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to minimize contact with skin.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.



9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid
Color:	No information found.
Odor:	No information found.
pH:	No information found.
Vapor Pressure:	No information found.
Vapor Density:	No information found.
Evaporation Rate:	No information found.
Viscosity:	No information found.
Boiling Point:	No information found.
Freezing/Melting Point:	No information found.
Decomposition Temperature:	No information found.
Solubility in water:	No information found.
Specific Gravity/Density:	No information found.
Molecular Formula:	No information found.
Molecular Weight	No information found.

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable.
Conditions to Avoid:	Dust generation.
Incompatibilities with Other Materials:	Top material is a highly chemically resistant material.
Hazardous Decomposition Products:	None.
Hazardous Polymerization:	Will not occur.

11. TOXICOLOGICAL INFORMATION

RTECS:	CAS# 0-00-0 UNLISTED
Ld50/lc50:	Not available
CARCINGENICITY:	Not listed by ACGIH IARC NIOSH NTP OSHA
EPIDEMIOLOGY:	No information found.
TERATIGENICITY:	No information found.
REPRODUCTIVE EFFECTS:	No information found.
MUTAGENICITY:	No information found.
NEUROTOXICITY:	No information found.
OTHER:	No information found.

12. ECOLOGICAL INFORMATION

ECOTOXICITY:	Not anticipated to pose hazard - no test data found – no information found.
ENVIRONMENTAL:	Not anticipated to pose hazard – no test data found – no information found.
PHYSICAL:	Not anticipated to pose hazard – no test data found – no information found.



13. DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P Series Wastes: None of the components are on this list.
RCRA U Series Wastes: Component CAS# 85-44-9: waste number U190.

14. TRANSPORTATION INFORMATION

Proper Shipping Name: Not regulated as a hazardous material
Hazard Class: Not applicable
UN Number: Not applicable
Packing Group: Not applicable
DOT Label: Not applicable
ERG Number: Not applicable
Marine Pollutant: Not applicable

15. REGULATORY INFORMATION

US Federal
TSCA CAS# 0-00-0 is not listed on TSCA inventory

Health and Safety Reporting List: None of the components are on this list.
Chemical Test Rules: None of the components are on this list.
TSCA Section 12b: None of the components are on this list.
TSCA Significant New Use Rule (SNUR): None of the components are on this list.

CERCLA Hazardous Substances and corresponding RQs
CAS# 85-44-9: 5000 lb final RQ; 2270 kg final RQ

SARA Section 302 Extremely Hazardous Substances
None of the components are on this list.

SARA Hazard Categories
CAS# 85-44-9: acute, chronic, reactive.
CAS# 14808-60-7: chronic.
CAS# 1333-86-4: fire.
CAS# 1309-37-1: chronic.

SARA Section 313
This material contains Phthalic anhydride (CAS# 85-44-9, -%), which is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 372.



Clean Air Act - Hazardous Air Pollutants (HAPs)	CAS# 85-44-9 is listed as a hazardous air pollutant (HAP).
Clean Air Act - Class 1 Ozone Depletors	None of the components are on this list.
Clean Air Act - Class 2 Ozone Depletors	None of the components are on this list.
Clean Water Act - Hazardous Substances	None of the components are on this list.
Clean Water Act - Priority Pollutants	CAS# 147-14-8 is listed as a Priority Pollutant under the CWA.
Clean Water Act - Toxic Pollutants	CAS# 147-14-8 is listed as a Toxic Pollutant under the CWA. CAS# 147-14-8 is listed as a Toxic Pollutant under the CWA.
OSHA - Highly Hazardous	None of the components are on this list.
OSHA - Specifically Regulated Chemicals	None of the components are on this list.

US State

State Right to Know

Phthalic anhydride can be found on the following state Right-to-Know lists: California, New Jersey, Pennsylvania, Minnesota, Massachusetts.

Silica can be found on the following state Right-to-Know lists: New Jersey, Pennsylvania, Minnesota, Massachusetts. Carbon black can be found on the following state Right-to-Know lists: California, New Jersey, Pennsylvania, Minnesota, Massachusetts.

California Prop 65 Not available No information found. CAS# 85-44-9 No information found.

WARNING: This product contains Silica (listed as Silica, crystalline (general form)), a chemical known to the State of California to cause cancer.

WARNING: This product contains Carbon black, a chemical known to the State of California to cause cancer.

California No Significant Risk Level	No information found
European/International Regulations	European Labelling in Accordance with EC Directives
Hazard Symbols:	Not available
Risk Phrases:	n/a
Safety Phrases:	S 24/25 Avoid contact with skin and eyes.
WGK (Water Danger/Protection)	No information found.
Canadian DSL/NDSL	Components in this product CAS# 85-44-9 is listed on Canada's DSL List. CAS# 14808-60-7 is listed on Canada's DSL List. CAS# 1333-86-4 is listed on Canada's DSL List. CAS# 13463-67-7 is listed on Canada's DSL List.
Canadian WHMIS Classifications	This product does not have a WHMIS classification.
Canadian Ingredient Disclosure List	CAS# 85-44-9 is listed on the Canadian Ingredient Disclosure List. CAS# 14808-60-7 is listed on the Canadian Ingredient Disclosure List. CAS# 1333-86-4 is listed on the Canadian Ingredient Disclosure List. CAS# 1309-37-1 is listed on the Canadian Ingredient Disclosure List.



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Revision:

This MSDS is intended for review and guidance in the receipt, storage, handling, use and disposal of product purchased from American Stitchco Inc DBA American Epoxy Scientific, and for no other purpose. Use this product only as directed and in accordance with applicable instructions and warnings provided with the product. If you have obtained this SDS other than in connection with the supply of this product, this SDS should be consulted for general information only, and should not be relied upon for any purpose.