

MATERIAL SAFETY DATA SHEET

1. Product Information**Trade Name**

Durcon® Epoxy Resin Work Surface

Manufacturer's Name

Durcon, Inc.

Manufacturer's Address206 Allison Drive
Taylor, TX 76574**Emergency Phone Number**

512.595.8000

Information Phone Number

512.595.8000

Date of MSDS

January 04, 2011

2. Composition, Information on Ingredients

CAS#	Chemical Name	Percent	EINECS/ELINCS
0-00-0	Polymerized Epoxy Resin Top Material	>99.0	unlisted

Hazard Symbols: None listed.**Risk Phrases:** None listed.**3. Hazard Identification****Emergency Overview**

Caution! 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**Route of Exposure**

Inhalation (during drilling, cutting or grinding operations only)

Health Effects**Skin**

No adverse health effects to the skin are anticipated from the normal use of this product. Dust generated from drilling, cutting or grinding operations may cause mechanical irritation or skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material.



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3. Hazard Identification (cont'd)

Eye

No adverse health effects to the eye are anticipated from the normal use of this product. Dust generated from cutting or drilling operations may cause eye irritation and/or conjunctivitis.

Inhalation

No adverse health effects to the respiratory system are anticipated from the normal use of this product. Dust and/or thermal decomposition products from cutting or drilling operations may cause irritation to the respiratory system. The dust generated from cutting or drilling the product may contain crystalline silica which may cause silicosis and may be carcinogenic (lung cancer).

Ingestion

No adverse health effects to the digestive system are anticipated from the use of this product. Ingestion of dust from cutting or drilling operations may cause gastric irritation.

4. First-Aid Measures

Skin

If irritation develops, flush skin with running water for 15-minutes. If irritation persists, contact a physician.

Eye

If irritation develops, flush eyes with running water for 15-minutes. If irritation persists, contact a physician.

Inhalation

If irritation develops, remove to fresh air until symptoms clear. Contact a physician.

Ingestion

If ingested, do not induce vomiting. Contact a physician.

Medical Conditions Aggravated by Exposure

Exposure to dust from cutting, grinding or drilling operations may aggravate existing respiratory conditions, such as asthma.

Recommendations to Physician

Treat symptomatically.

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5. Fire-Fighting Measures

Flash Point

Not applicable.

Flammable Limits

LEL

Not applicable.

UEL

Not applicable.

Autoignition Temperature

Unknown.

Unusual Fire and Explosion Hazards

There are no unusual fire and explosion hazards associated with this product. The product does not readily burn, however thermal decomposition products may be hazardous should temperatures be sufficiently high to support combustion.

Special Fire-Fighting Procedures

Use SCBA and appropriate personal protective equipment when fighting fire.

6. Accidental Release Measures

Spill and Leak Response Procedures

Product is a preformed article as sold. No spill or leak procedures should be necessary. Particles generated from cutting or drilling operations should be collected in a manner to minimize dust generation. Avoid inhaling dust.

7. Handling and Storage

Work and Hygiene Practices

No special work or hygiene practices should be necessary under normal use conditions of this product as sold. Workers involved with cutting or drilling operations should wash exposed skin thoroughly after each shift, and change dust-contaminated clothing before leaving work area, and wear adequate personal protective equipment as outlined in Section 8.

Storage and Handling Practices

No special storage or handling practices should be necessary under normal use conditions of this product as sold. Cutting and drilling operations should be conducted in a manner that minimizes the generation of airborne dust (i.e., wet-cutting/drilling), and measures should be taken to prevent worker exposures to airborne particles resulting from such operations. Construction processes should be conducted to avoid combustion of the product in order to prevent the release of potentially harmful thermal decomposition products.

Other Practices

Not applicable.

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8. Exposure Control and Personal Protective Equipment**Ventilation and Engineering Controls**

No special ventilation or engineering controls are necessary for the product under normal use conditions. Adequate local ventilation should be used during drilling or cutting operations.

Respiratory Protection

No respiratory protection is necessary for the product under normal use conditions. A High-Efficiency Particulate Air (HEPA) respirator should be worn during cutting or drilling operations to prevent the possibility of exposure to airborne dust.

Eye Protection

No eye protection is necessary for the product under normal use conditions. Safety glasses or goggles meeting ANSI Z87.1 standards should be worn during drilling or cutting operations.

Skin Protection

No special skin protection is necessary for the product under normal use conditions. Work clothing should cover exposed skin during drilling or cutting operations to prevent prolonged dust exposure.

9. Physical and Chemical Properties**Specific Gravity (Water=1)**

>1

Solubility in Water

Insoluble

Appearance and Color

Solid epoxy resin countertop; assorted colors

Odor

None

Vapor Pressure (mmHg)

Not applicable

Vapor Density (Air=1)

Not applicable.

Evaporation Rate (nBuAc=1)

Not applicable.

Melting/Freezing Point (°F)

>400

Boiling Point (°F)

Not applicable

pH (neat)

Not applicable.

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10. Stability and Reactivity

Stability

Stable.

Conditions to Avoid

Extreme heat.

Incompatible Materials

None known.

Decomposition Products

Thermal decomposition products can include carbon dioxide and/or carbon monoxide.

Hazardous Polymerization

Hazardous polymerization will not occur.

11. Toxicological Information

RTECS#:

CAS# 0-00-0 unlisted.

LD50/LC50:

Not available.

Carcinogenicity:

CAS# 0-00-0: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

Epidemiology: No data available.

Teratogenicity: No data available.

Reproductive Effects: No data available.

Neurotoxicity: No data available.

Mutagenicity: No data available.

Other Studies: No data available.

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12. Ecological Information

Environmental Stability

Although not tested, the product is anticipated to remain stable and unreactive within the environment.

Effect of Material on Terrestrial Ecosystems

No data available. Not anticipated to pose a hazard to terrestrial ecosystems.

Effect of Material on Aquatic Ecosystems

No data available. Not anticipated to pose a hazard to aquatic ecosystems.

13. Disposal Information

Preparing Waste Material for Disposal

Product as sold is not considered a hazardous waste under federal regulations. Waste generators must determine whether this material, when discarded, is classified as a hazardous waste under federal (40 CFR Part 261.3) or state regulations.

EPA Waste ID Number

Not applicable.

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EPA Waste ID Number

Not applicable.

14. Transportation Information

Proper Shipping Name

This product is not subject to the rules and regulations governing the transportation of hazardous materials.

Hazard Class

Not applicable.

UN Identification Number

Not applicable.

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14. Transportation Information (cont'd)

Packing Group

Not applicable.

DOT Label Required

Not applicable.

ERG Number

Not applicable.

Marine Pollutant

Not applicable.

15. Regulatory Information

United States Federal

TSCA

CAS# 0-00-0 is not listed on the TSCA inventory. It is for research and development use only.

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b

None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA

SARA

CERCLA Hazardous Substances and corresponding RQs

None of the chemicals in this material have an RQ.

SARA Section 302 Extremely Hazardous Substances

None of the chemicals in this product have a TPQ.

Section 313

No chemicals are reportable under Section 313.

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Clean Air Act:

This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depleters. This material does not contain any Class 2 Ozone depleters.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

U.S. STATE REGULATORY INFORMATION

CAS# 0-00-0 is not present on state lists from CA, PA, MN, MA, FL, or NJ.

California No Significant Risk Level: None of the chemicals in this product are listed.

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Not available.

Risk Phrases: N/A

Safety Phrases:

WGK (Water Danger/Protection)

CAS# 0-00-0: No information available.

Canada - DSL/NDSL

None of the chemicals in this product are listed on the DSL or NDSL list.

Canada - WHMIS: No classification

Canadian Ingredient Disclosure List: N/A

Exposure Limits: N/A



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Other Information

Prepared By

Durcon, Inc.
206 Allison Drive
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Date Prepared

January 04, 2011

The information contained in this Material Safety Data Sheet is based upon information that is considered accurate, and has been compiled using resources considered reliable. No warranty, either expressed or implied, is made regarding the accuracy of any of the information contained herein or the subsequent use of said information by a third party. The product user assumes responsibility for the use or misuse of the product. Durcon assumes no responsibility for injury or illness resulting from the misuse of the product by a third party.