The MSDS format adheres to the standards and regulatory requirements of the United States and may not meet regulatory requirements in other countries.

DuPont(TM) StoneTech(TM) Professional Epoxy Grout Haze Remover
6838CR Revised 21-JUL-2008

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Company Identification

MANUFACTURER/DISTRIBUTOR
DuPont StoneTech(R) Professional
370 North Wiget Lane, Suite 200
Walnut Creek, CA 94598

PHONE NUMBERS
Product Information : 800-441-7515 (outside U.S. 302-774-1000)
Transport Emergency : CHEMTREC: 800-424-9300 (outside U.S. 703-527-3887)
Medical Emergency : 800-441-3637 (outside U.S. 302-774-1000)

COMPOSITION/INFORMATION ON INGREDIENTS

Components

Material	CAS Number	%
Dimethyl Adipate	627-93-0	3-7
Dimethyl Succinate	106-65-0	5-10
Dimethyl Glutarate	1119-40-0	10-30
Triethyl Phosphate	78-40-0	3-7
Mineral Powder		1-5
Proprietary Polymer		1-5
Water	7732-18-5	60-80

HAZARDS IDENTIFICATION

Potential Health Effects

Eye contact may cause eye irritation with discomfort, tearing, or blurring of vision.

Skin contact may cause mild skin irritation.

May cause irritation to mouth and digestive tract if ingested.

Inhalation may cause irritation of the upper respiratory passages, with coughing and discomfort. Some individuals have experienced blurry vision with prolonged inhalation exposure or skin contact to dibasic esters. Based on observed effects from animal studies, some symptoms of pre-existing eye disease could be aggravated by prolonged exposure to this material.

(HAZARDS IDENTIFICATION - Continued)

Carcinogenicity Information

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

FIRST AID MEASURES

First Aid

INHALATION

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

SKIN CONTACT

Flush skin with water after contact. Wash contaminated clothing before reuse.

EYE CONTACT

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

INGESTION

If swallowed, do not induce vomiting. Immediately give 2 glasses of water. Never give anything by mouth to an unconscious person. Call a physician.

Notes to Physicians

Activated charcoal mixture may be beneficial. Suspend 50 g activated charcoal in 400 mL water and mix well. Administer 5 mL/kg, or 350 mL for an average adult.

FIRE FIGHTING MEASURES

Flammable Properties

Flash Point	: >200 F (>93 C)
Method	: Pensky-Martens Closed Cup - PMCC.

Extinguishing Media

Use media appropriate for surrounding material.

(FIRE FIGHTING MEASURES - Continued)

Fire Fighting Instructions

Evacuate personnel to a safe area. Wear self-contained breathing apparatus (SCBA) and full protective equipment.

ACCIDENTAL RELEASE MEASURES

Safeguards (Personnel)

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

Initial Containment

Dike spill. Prevent material from entering sewers, waterways, or low areas.

Spill Clean Up

Soak up with sawdust, sand, oil dry or other absorbent material.

HANDLING AND STORAGE

Handling (Personnel)

Avoid inhalation. Avoid contact with eyes, skin or clothing. Wash thoroughly after handling.

Handling (Physical Aspects)

Keep container tightly closed.

Do not spray.

Storage

Store between 46-104 F (8-40 C). Do NOT expose to direct sunlight.

Do not allow product to freeze.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

Use only with adequate ventilation.

Do not spray.

(EXPOSURE CONTROLS/PERSONAL PROTECTION - Continued)

Personal Protective Equipment

EYE/FACE PROTECTION

Wear safety glasses. Where splash potential exists, wear chemical splash goggles.

RESPIRATORS

Wear NIOSH approved respiratory protection, as appropriate.

PROTECTIVE CLOTHING

Where there is potential for skin contact have available and wear as appropriate impervious gloves, apron, pants and jacket.

Exposure Guidelines

Exposure Limits
DuPont(TM) StoneTech(TM) Professional Epoxy Grout Haze Remover
PEL (OSHA) : None Established
TLV (ACGIH) : None Established

Exposure Guideline Comments

Dibasic esters

DuPont AEL 1.5 ppm (10 mg/m3) 8- and 12-hr TWA

PHYSICAL AND CHEMICAL PROPERTIES

Physical Data

Boiling Point:	~100 C
% Volatile:	97%
Solubility in Water:	Complete
pH:	7
Odor:	Slight Almond
Form:	Viscous Liquid
Color:	Creamy White
Specific Gravity:	1.10

STABILITY AND REACTIVITY

Chemical Stability

Stable at normal temperatures and storage conditions.

Incompatibility with Other Materials

Incompatible with oxidizing agents and strong mineral acids.

(STABILITY AND REACTIVITY - Continued)

Decomposition

Decomposes with heat. Hazardous gases or vapors can be released, including carbon dioxide, carbon monoxide.

Polymerization

Polymerization will not occur.

TOXICOLOGICAL INFORMATION

Animal Data

The following information is based on toxicology tests conducted with a mixture of dibasic esters similar to the ratios present in this product: dimethyl glutarate 66%, dimethyl adipate 17%, and dimethyl succinate 17%.

Inhalation 4-hr LC50: > 11 mg/L in rats
Inhalation 1-hr LC50: > 10.7 mg/L in rats
Dermal LD50: > 2250 mg/kg in rabbits
Oral LD50 : 8191 mg/kg in rats

The mixture is a moderate eye and skin irritant in rabbits, but is not a skin sensitizer in guinea pigs. Toxic effects described in rats from exposure by inhalation include respiratory tract irritation. In the first of two 90-day inhalation studies, rats exposed to 160, 400 or 1000 mg/m3 of DBE exhibited degeneration of olfactory epithelium. Rats exposed to 400 or 1000 mg/m3 had decreased liver/body ratios and slightly depressed body weights were observed in rats exposed to 1000 mg/m3. In the second 90-day inhalation study rats were exposed to 20, 76, 390 mg/m3 of DBE. Degeneration of olfactory epithelium was observed in rats exposed to 76 or 390 mg/m3 of DBE.

In rabbits, a single 4-hr exposure to 60 ppm caused transient corneal opacity and transient increases in the distance from the cornea to the anterior surface of the lens of the eye. The administration of 10-100 uL caused corneal opacity, transient increases in corneal thickness, and transient corneal anesthesia. A single application of approximately 60 mg/kg to the skin caused transient increases in the distance from the cornea to the anterior surface of the lens of the eye. Studies have failed to show a deficit in visual function in rats treated with DBE. This mixture does not produce genetic damage in animals, or in bacterial cell cultures. Animal testing indicates that this mixture does not have developmental or reproductive effects.

Triethyl Phosphate:

Oral LD50: 1,311 mg/kg in rats

ECOLOGICAL INFORMATION

Ecotoxicological Information

AQUATIC TOXICITY:

Dibasic Ester Mixture:

48-hr EC50 study - Daphnia: 136 ppm
96-hr LC50 study - Fathead Minnow: > 18 mg/L and < 24 mg/L

DISPOSAL CONSIDERATIONS

Waste Disposal

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Do not flush to surface water or sanitary sewer system.

TRANSPORTATION INFORMATION

Shipping Information

Not Regulated as a hazardous material by DOT, IMO, or IATA.

OTHER INFORMATION

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Responsible for MSDS : MSDS Coordinator
> : DuPont Chemical Solutions Enterprise
Address : Wilmington, DE 19898
Telephone : (800) 441-7515

This information is based upon technical information believed to be reliable. It is subject to revision as additional knowledge and experience is gained.

End of MSDS