

DUROCAST TABLE TOP**1 - IDENTIFICATION OF THE PREPARATION AND THE COMPANY/BUSINESS****Identification of the substance or preparation**Name of product: **DUROCAST TABLE TOP****Use of the substance / preparation**

Article: Miscellaneous

Company / undertaking identification

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2 - IDENTIFICATION OF HAZARDS

Eye contact: Dust may cause irritation or corneal injury due to mechanical action. Elevated temperatures may generate vapor levels sufficient to cause eye irritation.

Skin contact: Essentially non-irritating to skin. Mechanical injury only. Skin absorption is unlikely due to physical properties. Molten material may burn skin.

Inhalation: Dust may cause irritation to upper respirator tract. At room temperature, exposure to vapors are unlikely due to physical properties; normal processing temperatures may generate vapors which may cause irritation if ventilation is inadequate.

Ingestion : Single dose oral toxicity is considered to be extremely low. No hazards anticipated from swallowing small amounts incidental to normal handling operations.

Systemic (other target organ) effects: No specific data; however, repeated exposures to the unheated material are not anticipated to cause any significant adverse effects.

3 – COMPOSITION/INFORMATION ON INGREDIENTS

Polyurethane from Methylenediphenyl diisocyanate, 1,4-butanediol and polyester polyol >98%

Additives < 2%

Notes:

All additives are physically bound (encapsulated) in the compound. They are not expected to create any hazard when the product is used, handled and processed.

4 - FIRST AID

Skin contact: Wash off in flowing water or shower.

Eye contact: Flush eyes with plenty of water.

Inhalation: Remove to fresh air if effects occur. Consult a physician.

Ingestion: Not a likely route of exposure. No adverse effects anticipated .

NOTE TO PHYSICIAN: If burn is present, treat as any thermal burn, after decontamination. No specific antidote. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient.

DUROCAST TABLE TOP**5 - FIRE-FIGHTING MEASURES**

Suitable extinguishing media: Water, carbon dioxide or dry chemical.

Fire fighting instructions: Keep people away. Isolate fire area and deny unnecessary entry. Cool surroundings with water to localize fire zone. Hand held carbon dioxide or dry chemical extinguishers may be used for small fires. Soak thoroughly with water to cool and prevent reignition.

Special protective equipment: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, pants, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

Other flammability information: Dense smoke is emitted when burned without sufficient oxygen. Mechanical handling can cause formation of dusts. To reduce the potential for dust explosion, do not permit dust to accumulate.

6 - MEASURES TO BE TAKEN IN THE EVENT OF ACCIDENTAL SPILLAGE

Safety precautions: No difficulty is expected because the product is a sheet.

Cleaning methods: Sweep-up.

7 - HANDLING AND STORAGE

Handling: No special measures.

Storage: Store in a cool, dry place.

8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure limit values: None known.

Exposure controls: Overall room ventilation and/or local exhaust at points of fume generation in the work area.

Occupational exposure controls:

Respiratory protection: None under normal usage. In dusty atmospheres, use an approved dust respirator.

Hand protection: Protective gloves according to EN 407 are required when handling hot material.

Eye protection: Not a probable route of exposure. Use safety glasses according to EN 166 as a good general safety practice.

Hygiene measures: Wash hands before handling food and at the end of work.

9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Pigmented polyurethane sheet
Odor:	None
pH:	Not applicable
Vapor pressure:	Not applicable
Vapor density:	Not applicable
Solubility in water:	Insoluble.
Flash point:	Not applicable
Specific gravity:	1.1-1.2

10 - STABILITY AND REACTIVITY

Conditions to avoid: Heating above 260°C.

Materials to avoid: None known.

DUROCAST TABLE TOP

Hazardous decomposition products: Under fire conditions polymers decompose. The smoke may contain polymer fragments of varying compositions in addition to unidentified toxic and/or irritating compounds. Hazardous combustion products may include and are not limited to carbon monoxide and carbon dioxide and trace amounts of aromatic hydrocarbons and hydrogen cyanide.

Additional information: The product is stable at the handling and storage conditions recommended per § 7 of the safety data sheet and under normal processing conditions.

11 - TOXICOLOGICAL INFORMATION

See section 3 for potential health effects. Other toxicological data are not available.

12 - ECOLOGICAL INFORMATION

Movement & Partitioning: No bioconcentration is expected because of high molecular weight (MW > 1000). In the terrestrial environment, material is expected to remain in the soil. In the aquatic environment, material will sink and remain in the sediment.

Degradation & Persistence: This water insoluble polymeric solid is expected to be essentially unreactive in the environment over a period of many years. Surface photodegradation is expected with exposure to sunlight. No appreciable biodegradation is expected.

Ecotoxicity: Not expected to be acutely toxic.

13 - DISPOSAL CONSIDERATIONS

Disposal recommendations: Disposal of the product and the packaging must be done in compliance with local, state and federal regulations. Do not dump into any sewers or on the ground.

Product: European waste key numbers: 070213 = Plastic waste

Contaminated packaging: Waste key number 150101 – Paper and cardboard packaging.

Waste key number 150102 – Plastic packaging.

14 - TRANSPORT INFORMATION

Not classified as hazardous under transport regulations (ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport).

15 - REGULATORY INFORMATION

This preparation was classified in compliance with the directive known as <All preparations> 88/379/EEC and its adaptations. It is not subject to labeling according to EC directives.

16 - OTHER INFORMATION

This bulletin cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. It is your responsibility to use this information to develop appropriate work practice guidelines and employee instructional programs for your operation.

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