

# MATERIAL SAFETY DATA SHEET

9/12/2012

**PRODUCT NAME:** Recycled Rubber Pads including:  
Kid Kushion, SportPlay, EquiTile, Paver Tile, DeckTop

## SECTION 1: MANUFACTURER IDENTIFICATION

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Company: Environmental Molding Concepts LLC  
Address: 14050 Day Street  
City/St/Zip: Moreno Valley, CA 92553  
Emergency Phone: (909) 472-9161  
Office Phone: (888) 836-2665

## SECTION 2: HAZARDOUS INGREDIENTS

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Component:		CAS #	TLV(ACGIH)	OSHA PEL
Methylene BIS (Phenyl Isocyanate)		101-68-8 64742-05-8	.005 ppm	.002 ppm
Vulcanized Rubber Compound		N/A	N/A	N/A
Talc		14807-96-6	2.0mg/m3	2.0mg/m3
Light Naphthenic Distillate		64742-35-4	5mg/m3	5mg/m3
Light Naphthenic Extract		64742-03-6	5mg/m3	5mg/m3

## SECTION 3: PHYSICAL DATA

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Appearance and Odor:	Solid with slight rubber odor	Vapor Pressure (mm Hg):	N/A
Specific Gravity (H2O = 1):	.95 - 1.40	Vapor Density (AIR = 1):	N/A
Melting Point:	N/A	Solubility in Water:	Insoluble
Boiling Point:	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A

## SECTION 4: FIRE & EXPLOSION HAZARD DATA

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Flash Point (Method Used):	Ignition temperature of dust cloud: 320° C (approximately 608° F)
Flammable Limits:	N/A
Extinguishing Media:	Water, foam, dry powder, encapsulating fire suppressant
Special Fire Fighting Procedures:	Noxious gases may be formed under fire conditions. West NIOSH approved self contained apparatus
Unusual Fire and Explosion Hazards:	N/A

## SECTION 5: REACTIVITY DATA

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Stability:	Stable
Conditions to Avoid:	Conditions that will cause ignition or burning
Incompatibility (Materials to avoid):	Avoid strong oxidizing agents
Hazardous Decomposition or Byproducts:	Thermal decomposition may produce carbon monoxide, carbon dioxide, zinc oxide fume/dust, sulfur dioxide, liquid and gaseous hydrocarbons
Conditions to Avoid:	Do not store hot materials in hoppers due to the possibility of spontaneous combustion

## SECTION 6: HEALTH HAZARD DATA

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Routes of Entry (raw material form):	Inhalation
Health Hazards (raw material form):	This product can contain fine fibers that may cause itching. Otherwise not known. This material is generally thought to be a nuisance dust.
Carcinogenicity:	Rubber is not listed as a carcinogen
Signs and symptoms of exposure:	Itching of skin, irritation of mucous membranes and eyes, sneezing

Medical conditions generally aggravated by exposure: Not known; however, could potentially aggravate allergies  
Emergency and First Aid procedures: Normal washing of skin with soap and water.

#### SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

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Steps to be taken in case material is released or spilled (raw materials): Sweep up or vacuum into disposal containers  
Waste disposal method: Product not defined as hazardous waste  
Precautions to be taken in handling and storage: Do not store near flame or ignition source. Do not store hot material in tubs or containers where spontaneous ignition could occur.  
Other Precautions: If material burns, an oily residue will result. This residue must be disposed of in accordance with federal, state and local regulations  
Respiratory Protection (raw materials): Use any dust and mist respirator noted for up to 10mg/m<sup>3</sup>.

#### SECTION 8: CONTROL MEASURES

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Ventilation: Yes  
Local exhaust: Yes, if dusty conditions occur  
Special: None  
Mechanical: Dust collector and exhaust fans  
Protective Gloves: Recommended  
Eye Protection: Use safety goggles to prevent dust entry  
Work/Hygen Practices: Good personal hygiene: frequent washing with soap and water  
Other Protective Clothing or Equipment: Enough fresh air should flow past the user to prevent exposure to airborne fibers and particles

#### SECTION 9: SHIPPING DATA

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D.O.T. Labels Required (CFR172.101-102): None  
D.O.T. Placards Required (CFR172.504): None

#### SECTION 10: SARA TITLE III REGULATORY INFORMATION

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This product contains the following substances subject to reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

Chemical Name: Methylnene BIS (Phenyl Isocyanate). CAS #101-68-8 Concentration: <20%

- A) An immediate Health Hazard
- B) A delayed Health Hazard
- C) A reactive Health Hazard

PROPOSITION 65: To the best of our knowledge, this product contains no levels of listed substances; therefore is not subject to Proposition 65 Rules and Regulations.

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