



MATERIAL SAFETY DATA SHEET

9/12/2012

9/23/2024: File reviewed, more current MSDS/SDS not available. CAS

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

SECTION 1: MANUFACTURER IDENTIFICATION

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

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

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

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

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

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

Emergency and First Aid procedures:

Not known; however, could potentially aggravate allergies
Normal washing of skin with soap and water.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

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/m³.

SECTION 8: CONTROL MEASURES

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

D.O.T. Labels Required (CFR172.101-102):

None

D.O.T. Placards Required (CFR172.504):

None

SECTION 10: SARA TITLE III REGULATORY INFORMATION

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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