

Product Name: Ultrabond ECO™ 420

Product Description: **All-Weather Outdoor Carpet Adhesive**

IN THE EVENT OF A CHEMICAL EMERGENCY INVOLVING A SPILL, LEAK, FIRE, EXPLOSION, EXPOSURE OR ACCIDENT CONTACT THE FOLLOWING NUMBERS:

EMERGENCY 24 HOUR NUMBER (USA) CHEMTREC 1-800-424-9300 (Canada) CANUTEC 1-613-996-6666**CONSUMER STATEMENT:**

CAUTION - EYE IRRITANT. NON-TOXIC.

WORK AND HYGIENE PRACTICE:

Remove contaminated clothing immediately. Wash hands, after each use and before eating, drinking, or using toiletries. Minimize contact of product on skins.

I - GENERAL INFORMATION**MANUFACTURER:**

<u>USA and Puerto Rico</u>	<u>Canada</u>
MAPEI CORPORATION	MAPEI INC.
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MSDS PREPARED BY:

Regulatory Affairs Department - MAPEI North America

REVISION DATE (YYYY/MM/DD): 2005/07/15For most current MSDS, download document from: www.mapei.com**II - PHYSICAL CHARACTERISTICS**

Calculated VOC (See below.)	0 g/L
Boiling Point	>212°F (>100°C)
Vapor Pressure (mmHg)	1,0
Vapor Density (AIR=1)	1,10 - 1,20
Specific Gravity (H2O=1)	1,00 - 1,30
Melting/Freezing Point (F)	N/E
Evaporation Rate (Butyl Acetate=1)	Same as water.
Solubility in water	Soluble
pH (paste/liquid)	8,0 - 10,0
Appearance and Odor	Beige paste. Slight odor of latex.

*(VOC per CA South Coast Air Quality Management District, Rule 1168)***III - HAZARD ASSESSMENT****Hazardous Components**

(specific chemical identity; common names):	OSHA (PEL)	ACGIH (TLV-TWA)	Other Limits Recommended	% Percent (Optional)
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THIS PRODUCT CONTAINS NO HAZARDOUS INGREDIENTS AS DEFINED BY US OSHA HAZARD COMMUNICATION STANDARD - 29 CFR 1910.1200 OR SECTION 13 OF THE CANADIAN HAZARDOUS PRODUCTS ACT.

For California (Proposition 65): This product contains no chemicals reportable under Proposition 65.

All ingredients are listed within or exempted from US TSCA and Canadian DSL.

(USA) - HMIS (Hazardous Materials Identification System) Rating: Health - 1 Fire - 0 Reactivity - 0 Protection - B *** = chronic effect

(Canada) - WHMIS (Workplace Hazardous Materials Information System) Classifications: Not regulated under WHMIS.

IV - TRANSPORTATION**By GROUND - USA and Puerto Rico (DOT):**

Not Regulated

By GROUND - Canada (TDG):

Not Regulated

By SEA (IMDG):

Not Regulated

By AIR (IATA):

Not Regulated

V - FIRE AND EXPLOSION HAZARD DATA

Flash Point: >212°F (>100°C) Lower Explosive Limit (%) - N/E Upper Explosive Limit (%) - N/E

Unusual Fire and Explosion Hazards - Some decomposition products may be harmful.

Extinguishing Media:

Will not burn except under extreme temperatures. Water spray, carbon dioxide, dry chemical or foam.

Special Fire Fighting Procedures:

Wear standard fire fighting gear with self-contained breathing apparatus.

VI - REACTIVITY DATA**Stability:** Stable**Conditions to Avoid:** None known.

Incompatibility (Materials to Avoid): Strong oxidizing agents, strong acids, and strong bases.

Hazard Decomposition of By-products: Carbon monoxide, carbon dioxide, oxides of nitrogen, and other unidentified organic compounds.

Polymerization: Will Not Occur **Conditions to Avoid:** None known.

VII - HEALTH HAZARD DATA

Routes of entry during normal usage: Inhalation? YES Skin? YES Ingestion? NO

Health Hazards:

Acute: No effects are suspected under normal professional use.

Chronic: None known.

Carcinogenicity: NTP -NO IARC - NO OSHA - NO

Signs and Symptoms of Overexposure:

No effects are suspected under normal professional use.

Medical Conditions That Can Be Aggravated by Exposure:

Allergies, skin and respiratory disorders. Product sensitivity.

VIII - EMERGENCY AND FIRST AID PROCEDURE

Eyes: Flush with cool water for 15 minutes while holding eyelid open. If irritation persists, seek medical attention immediately.

Skin: Avoid contact with skin. Remove contaminated clothing. Wash affected area thoroughly with soap and water. If irritation persists, seek immediate medical attention.

Inhalation: Remove to fresh air if allowable concentrations of any of the hazardous ingredients are exceeded. If not breathing, trained personnel should initiate artificial respirations and immediate medical attention should be obtained.

Ingestion: Do not induce vomiting. Do not give anything by mouth to an unconscious person. Seek medical attention immediately.

IX - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken if Material is Leaked or Spilled:

Wear protective equipment. Contain by diking with inert absorbent materials and put into an approved waste container.

Waste Disposal Method: Dispose in accordance to local environmental regulation.

Precautions to be taken during Handling and Storage:

Keep container closed when not in use. Store at 60-95°F (15-35°C) and out of the sun. Use adequate ventilation to avoid breathing vapors when cover is removed.

Other Precautions: Avoid prolonged skins contact.

X - CONTROL MEASURES

Respiratory Protection:

If workplace exposure limit of product is exceeded, a NIOSH/MSHA approved air supplied respirator is required in absence of proper environmental control. Engineering or administrative controls should be implemented to reduce exposure.

Ventilation:	Local Exhaust - Use in WELL VENTILATED areas only.	Mechanical - Use only intrinsically safe devices.
	Special - N/A	Other - N/A

Eye Protection: Safety glasses or goggles as necessary to prevent eye contact.

Protective Gloves: Impervious. (Nitrile, rubber, or better)

Other Protective Equipment: As needed to minimize contact with skin.

N/A="Not Applicable" N/E="Not Established"

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