

SAFETY DATA SHEET

UPC 777 Perfect Patch Part B

SDS REVISION DATE: 05/05/2016

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Perfect Patch Part B

MANUFACTURER: Universal Polymer Coatings, Inc.
DIVISION: Floor Coating
ADDRESS: 737 W. Taft Avenue, Orange CA 92865

EMERGENCY PHONE: 800-255-3924
CHEMTEL PHONE: 800-255-3924
OTHER CALLS: 714-279-1199
FAX PHONE: 714-279-8070

PRODUCT USE: Floor Coating
PREPARED BY: Universal Polymer Coatings, Inc.

SECTION 2: HAZARDS IDENTIFICATIONS

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:
GHS-US CLASSIFICATION

Acute Toxicity – Aspiration 1
Flam. Liq. 4
Eye Damage/Irritation 2A
Aquatic Chronic 3
Aquatic Acute 3

LABEL ELEMENTS:
GHS LABEL ELEMENTS
HAZARD PICTOGRAMS:



SIGNAL WORD: Danger

HAZARD STATEMENTS:

H227 Combustible liquid
H319 Causes serious eye irritation
H304 May be fatal if swallowed and enters airways
H402 Harmful to aquatic life
H412 Harmful to aquatic life with long lasting effects

PRECAUTIONARY STATEMENTS:

PREVENTION: P280 Wash, thoroughly after handling....Wear protective gloves/protective clothing/eye protection/face protection
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P264 Wash thoroughly after handling.
P273 Avoid release to the environment

RESPONSE: P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P331 Do NOT induce vomiting
P337+P313 If eye irritation persists: Get medical advice/attention
P370-P378 In case of fire: use water spray, dry powder, carbon dioxide or foam to extinguish

STORAGE: P403+P235 Store in a well-ventilated place. Keep cool.
P405

DISPOSAL: P501 Dispose of contents/container to hazardous or special waste collection point.

OTHER HAZARDS:

None known

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS:	CAS #	AMOUNT
• Tetrahydroxypropylethylenediamine	102-60-3	≥25 – <50%
• Propanoic acid, 2-methyl-, 2,2-dimethyl-1-(1-methylethyl)-1,3-propanediyl ester	6846-50-0	≥3 - <5%
• Solvent naphtha (petroleum), heavy aliph	64742-96-7	≥0 - <15%
• Distillates (petroleum), hydrotreated light	64742-47-8	≥0 - <15%
• Calcium oxide	1305-78-8	≥0 - <2%

Any remaining components are trade secret.

SECTION 4: FIRST AID MEASURES

GENERAL ADVICE:	First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways positions (recover position). Immediately remove contaminated clothing.
INHALATION:	Keep patient calm, remove to fresh air, and seek medical attention.
SKIN:	Immediately wash thoroughly with soap and water, see medical attention
EYES:	Wash affected areas for at least 15 minutes under running water with eyelids held open, consult an eye specialist.
INGESTION:	Rinse mouth and then drink 200 – 300 ml of water, seek medical attention.
MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:	Symptoms: The most important known symptoms and effects are described in the labeling (see section 2) and/or in section 11. Hazards: No hazards anticipated.
NOTES TO PHYSICIANS/SPECIAL TREATMENT:	Treat according to symptoms (decontamination, vital functions), no known specific antidote. If seeking medical attention, provide SDS document to physician.

SECTION 5: FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA:	Water spray, dry powder, carbon dioxide, foam
SPECIFIC (UNUSUAL) HAZARDS:	No particular hazards known
ADVICE FOR FIRE-FIGHTERS:	Firefighters should be equipped with self-contained breathing apparatus and turn-out gear. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:	Use personal protective clothing
ENVIRONMENTAL PRECAUTIONS:	Do not empty into drains. Do not discharge into the subsoil/soil
METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:	Spills should be contained, solidified, and placed in suitable containers for disposal

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:	Ensure thorough ventilation of stores and work areas. Protect against moisture. No explosion proofing necessary
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CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Segregate from foods and animal feeds. Segregate from acids. Segregate from oxidants. Suitable materials for containers: carbon steel (iron), High density polyethylene (HDPE), Low density polyethylene (LDPE, Stainless steel 1.4301 (V2))
Further information on storage conditions: No special precautions necessary. Avoid extreme heat. Store protected against freezing.
Storage temperature: 64 - 84°F (18 - 29 °C)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS:

Chemical Name	ACGIH TLV	OSHA PEL
Calcium oxide	TWA: 2 mg/m ³	PEL 5 mg/m ³ ; TWA: 5 mg/m ³
Distillates (petroleum), hydrotreated light	TWA: 200 mg/m ³	

ENGINEERING MEASURES: Provide local exhaust ventilation to control vapors/mists.

PERSONAL PROTECTION



EYE PROTECTION: Tight fitting safety goggles (chemical goggles). Wear face shield if splashing hazard exists.

SKIN PROTECTION: Standard work clothes and shoes

HAND PROTECTION: Chemical resistant protective gloves

RESPIRATORY PROTECTION: Wear a NIOSH-certified (or equivalent) organic vapor/particulate respirator as needed.

SPECIAL INSTRUCTIONS: Avoid contact with skin. Handle in accordance with good industrial hygiene and safety practice. Wear protective clothing as necessary to prevent contact. Avoid inhalation of vapors/mists. Wash soiled clothing immediately.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

Physical state	Liquid
Color	Tan to brown
ODOR:	Phenol-like
ODOR THRESHOLD:	No data available
pH:	7.0
MELTING POINT:	No data available
FREEZING POINT:	32°F, (0°C)
BOILING POINT:	340°F (171°C) (>20.000000 mm/Hg)
FLASH POINT:	>141.8°F (>61°C) (closed cup)
EVAPORATION RATE:	Value can be approximated from Henry's Law Constant or vapor pressure
FLAMMABILITY (solid, gas):	Flammable liquid
FLAMMABILITY LIMIT IN AIR	
Upper:	For liquids not relevant for classification and labeling
Lower:	For liquids not relevant for classification and labeling. The lower explosion point may be 41 - 59°F (5 - 15°C) below the flash point.
VAPOR PRESSURE:	0.52 mmHg @ 68°F (20°C)
WATER SOLUBILITY:	Slightly soluble
RELATIVE VAPOR DENSITY:	No data available
RELATIVE DENSITY:	No data available
PARTITION COEFFICIENT:	No data available

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AUTO-IGNITION TEMP:	449°F (232°C)
DECOMP TEMP:	No decomposition if stored and handled as prescribed/indicated
VISCOSITY:	300.000 mPa.s @ 77°F (25°C)
MOLECULAR WEIGHT:	No data available
DENSITY:	8.2000 lb/USg @ 77°F (25°C)

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Product is stable if stored and handled as prescribed/indicated.
POSSIBILITY OF HAZARDOUS REACTIONS:	No hazardous reactions if stored and handled as prescribed/indicated. No corrosive effect on metal. Not an oxidizer.
CONDITIONS TO AVOID:	Temperature: <32°F (<0°C)
MATERIAL TO AVOID:	Acids, oxidizing agents, isocyanates.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:	Hazardous decomposition products; carbon monoxide, carbon dioxide, nitrogen oxide, hydrogen cyanide No decomposition if stored and handled as prescribed/indicated.

SECTION 11: TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

LIKELY ROUTES OF EXPOSURE

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Effects on Eye:	No data available
Effects of Skin:	No data available
Inhalation Effects:	No data available
Ingestion Effects:	No data available
Symptoms:	No data available

ACUTE TOXICITY

Oral:	No data available
Inhalation:	No data available
Dermal:	No data available
Skin corrosion/irritation:	No data available
Eye damage/irritation:	Eye contact causes irritation
Sensitization to respiratory:	No data available
Skin sensitisation:	No data available

CHRONIC TOXICITY OR EFFECTS FROM LONG TERM EXPOSURES

Carcinogenicity:	No data available
Reproductive toxicity:	No data available
Germ cell mutagenicity:	No data available

Specific target organ systemic toxicity:

Single exposure: Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

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Repeated exposure: Repeated oral uptake of the substance did not cause substance-related effects. Repeated inhalative uptake of the substance did not cause substance-related effects. Repeated dermal uptake of the substance did not cause substance-related effects.

Aspiration hazard: May also damage the lung at swallowing.

SECTION 12: EGOLOGICAL INFORMATION

ECOTOXICITY EFFECTS

Aquatic toxicity: No data available

Toxicity to other organisms: No data available

PERSISTENCE AND DEGRADABILITY

Biodegradability: Poorly biodegradable

Mobility in soil: Absorption to solid soil phase is not expected.

Bioaccumulation: Accumulation in organisms is not to be expected

Additional information: This product contains no organically-bound halogen. The product has not been tested. Do not discharge product into the environment without control.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Incinerate or dispose of in a licensed facility. Do not discharge substance/product into sewer system. Steel drums must be emptied and can be sent to a licensed drum reconditioner for reuse, a scrap metal dealer or an approved landfill. Do not attempt to refill or clean containers since residue is difficult to remove. Under no circumstances should empty drums be burned or cut open with gas or electric torch as toxic decomposition products may be liberated. Do not reuse empty containers.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

DOT: Classified as combustible liquid in containers greater than 119 gallons

IATA: Not classified

IMDG: Not classified

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): None

EPA SARA Title III Section 311/312 (40 CFR 370) Hazard Classification: Acute; Fire

US California Safe Drinking Water & Toxic Enforcement Act (Proposition 65): This product contains a chemical(s) known to the state of California to cause cancer and birth defects or other reproductive harm

State Right-To-Know: Massachusetts, New Jersey, Pennsylvania

SECTION 16: DISCLAIMER

OTHER INFORMATION

HMIS Rating:

Health: 2
Flammability: 2
Physical Hazard: 1

NFPA Rating:

Health: 2
Fire: 2
Reactivity: 1

DISCLAIMER: The information herein is given in good faith, but no warranty expressed or implied is made. Universal Polymer Coatings, Inc. urges suppliers and users of this product to evaluate its suitability and compliance with local regulations as Universal Polymer Coatings, Inc. cannot foresee the nature of the final application or final location of usage.