

MATERIAL SAFETY DATA SHEET

UPC 7007 Hybrid Satin Top Coat Part B

FILE NO.:

MSDS DATE: 2/1/07

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Hybrid Satin Top Coat Part B
PRODUCT CODES: UPC 7007

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

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

CHEMICAL NAME: Isocyanate (HDI)
CHEMICAL FAMILY: Polyaspartic

PRODUCT USE: Floor Coating
PREPARED BY: UPC

SECTION 1 NOTES: This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). In addition, other substances not Hazardous per this OSHA Standard may be listed. Where proprietary ingredient shows, the identity may be made available as provided in this standard.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS: Aliphatic Polyisocyanate Blend (Mixture)
T.S. 100%

SECTION 3: HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

EYES: Prolonged contact can cause reddening, swelling and a rash. Use only with adequate ventilation.

SKIN CONTACT: May cause skin sensitization.

INGESTION: Not considered to be a relevant route of exposure, however, any cause severe and permanent damage to mouth, throat and stomach. High amounts could be fatal! Do not induce vomiting!
CONTACT MEDICAL ASSISTANCE IMMEDIATELY!

INHALATION: Long term exposure of vapors/ mists may be damaging to upper respiratory tract. Use only with adequate ventilation.

SYSTEMIC AND OTHER EFFECTS:

SECTION 4: FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Rinse continuously with water while on way to get medical attention.

SKIN: Immediately remove contaminated clothing or shoes, wipe excess from skin and flush with plenty of water for at least 15 minutes. Use soap if readily available, or follow by thoroughly washing with soap and water. Do not reuse contaminated clothing.

INGESTION: Do not induce vomiting. If victim is drowsy, convulsing, or unconscious, seek medical attention immediately.

INHALATION: Remove victim to fresh air and provide oxygen if breathing is difficult. Get medical attention if necessary.

NOTES TO PHYSICIANS: THIS PRODUCT IS NOT CONSIDERED A CARCINOGEN UNDER THE STATE OF CALIFORNIA LAW.

SECTION 5: FIRE-FIGHTING MEASURES

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FLAMMABLE LIMITS IN AIR:
(% BY VOLUME)

UPPER LIMITS: N/A
LOWER LIMITS: N/A

FLASH POINT: T.C.C.

F: Over 350°
C: Over 176.66°

AUTOIGNITION:

F: 815°
C: 435°

METHOD USED:

NFPA HAZARD RATING:

4 = EXTREME	3 = HIGH	2 = MODERATE	1 = SLIGHT	0 = INSIGNIFICANT
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NFPA HAZARD CLASSIFICATION:

HEALTH: 2
FLAMMABILITY: 1
REACTIVITY: 1
OTHER: 0

HMIS HAZARD CLASSIFICATION:

HEALTH:
FLAMMABILITY:
REACTIVITY:
OTHER:

EXTINGUISHING MEDIA:

Dry chemical or CO2, foam and water spray for large fires.

FIRE FIGHTING
PROCEDURES:

Do not enter confined fire space without full bunker gear, including a positive pressure niosh approved self-contained breathing apparatus. Cool fire exposed containers with water.

UNUSUAL FIRE AND
EXPLOSION HAZARDS:

Delayed lung damage (pulmonary edema) can be experienced after exposure to combustion products, sometimes hours after the exposure. Nitrogen oxides and nitrogen containing organic compounds may be released upon combustion.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL
RELEASE MEASURES:

Prevent all bodily contact with spilled material. Wear appropriate respirator and full body protective clothing. Contain, and cover spill with vermiculite or an inert earth product. Dispose of in accordance with all local, state, and federal laws.

SECTION 7: HANDLING AND STORAGE

HANDLING AND
STORAGE:

Store in a cool, dry place with adequate ventilation. Keep away from open flames and high temperatures.

Containers, even those that have been emptied, can contain hazardous product residues. Wash with soap and water before eating, drinking, smoking, applying cosmetics, or using toilet facilities.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION :

Use ventilation as required to control vapor concentrations. Eye wash fountains and safety showers should be available for emergency use.

RESPIRATORY
PROTECTION:

Do not breath vapors or mists. If exposure may or does exceed occupational exposure limits use a niosh-approved respirator to prevent overexposure. Avoid breathing vapors which may be produced under some conditions such as heating or applications or uncured material in large surface areas. Avoid breathing aerosols and mists which may be formed by various methods of application.

EYE PROTECTION:

Do not get in eyes. Wear chemical goggles if there is potential contact with eyes.

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SKIN PROTECTION: Do not get on skin, or clothing. Wear chemical resistant protective clothing such as gloves, outer clothing or apron, overshoes and a face-shield suitable to potential exposure.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear

ODOR: N/A

PHYSICAL STATE: Liquid

BOILING POINT: Not measureable owing to decomposition
F: N/A
C: N/A

VAPOR PRESSURE (mmHg): 4.7 x 10-7mm Hg
F: 68°
C: 20°

VAPOR DENSITY (AIR = 1): N/A
F: N/A
C: N/A

SPECIFIC GRAVITY (H₂O = 1): 1.11 – 1.15 lbs. / gal

SOLUBILITY IN WATER: Limited

SECTION 10: STABILITY AND REACTIVITY

CONDITIONS TO AVOID (STABILITY): Stable under normal conditions. Avoid heat, flame and contact with strong oxidizing agents.

INCOMPATIBILITY (MATERIAL TO AVOID): See above.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Nitrogen oxides, carbon monoxide and unidentified organic compounds may be formed during combustion.

HAZARDOUS POLYMERIZATION: Can occur. Avoid heat, flame and contact with strong oxidizing agents.

SECTION 11: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with all local, state, and federal laws.

SECTION 12: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION
PROPER SHIPPING NAME: Not Regulated by D.O.T.
HAZARD CLASS:
ID NUMBER:
PACKING GROUP:
LABEL STATEMENT:

SECTION 13: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:
TSCA (TOXIC SUBSTANCE CONTROL ACT):
The components of this product are contained on the chemical substance inventory list.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):

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Requires notification of the National Response Center of release of quantities of Hazardous Substances equal to or greater than the reportable quantities (RQ's) in 40 CFR 302.4. Components present in this product at level which could require reporting under the statute are:

Chemical Name	CAS Number	% By Weight	RQ
N/A			

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

Sections 301-304 require emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities (RQs) in 40 CFR 355. Components present in this product at a level which could require reporting under this statute are:

Chemical Name	CAS Number	% By Weight
N/A		

311/312 HAZARD CATEGORIES:

Sections 311-312 require products be reviewed and applicable EPA Hazard Definitions be identified and made known.

EPA HAZARD CLASSIFICATIONS:

Acute Hazard	Chronic Hazard	Fire Hazard
Pressure Hazard	Reactive Hazard	

313 REPORTABLE INGREDIENTS:

Section 313 requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). This information must be included in all MSDSs that are copied and distributed for this material. Components present in this product at level which could require reporting under the statute are:

Chemical Name	CAS Number	% By Weight
N/A		

SECTION 15 NOTES:

If you are unsure if you must report more information, call the EPA Emergency Planning and Right-To-Know Hot Line: 800-535-0202 or 202-479-2449.

The concentrations shown in this document are maximum or ceiling levels (expressed in weight %, unless otherwise specified) to be used for regulations. Trade Secrets are indicated by "TS".

SECTION 14: DISCLAIMER

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 nor final location of usage.