

M A T E R I A L S A F E T Y D A T A S H E E T

ELASTUFF 210 PART B WHITE

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PRODUCT NAME: ELASTUFF 210 PART B WHITE
PRODUCT CODE: EL-210-B-WH

~~~~ SECTION 1 ~~~~ MANUFACTURER IDENTIFICATION ~~~~

Manufacturer's Name : UNITED COATINGS MANUFACTURING CO  
Address : 2810 SOUTH 18<sup>TH</sup> PLACE  
: PHOENIX, ARIZONA 85034  
: INITIAL(FIRST CALL)CHEMTREC(800)424-9300  
INFORMATION PHONE : (480) 754-8900  
TOLL FREE : BACKUP(800)541-4383  
DATE PRINTED : 4/21/2005  
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~~~~ SECTION 2 ~~~~ HAZARDOUS INGREDIENTS/SARA III INFORMATION ~~~~

| Reportable Components | CAS Number | MM HG @ Temp | Weight % |
|---|------------|-------------------|----------|
| Aspartic Ester | MIXTURE | 0.000014 68F(20C) | 69 |
| Aspartic Ester Contains:
Aspartic Ester (60-100% of ingredient): CAS: proprietary, No OEL's est
Monoaspartate (5-10% of ingredient): CAS: unknown, No OEL's established.
Aliphatic carboxylic ester (1-5% of ingredient): CAS# 623-91-6 No OEL's est
~ | | | |
| Titanium dioxide | 13463-67-7 | N/A N/A | 19 |
| Contains: Titanium dioxide, CAS#13463-67-7,
ACGIH TLV TWA: 10mg/m3, total dust, OSHA PEL TWA: 15mg/m3, total dust.
Aluminum hydroxide, CAS#21645-51-2, no exposure limits established.
Amorphous silica, CAS# 112926-00-8, (7631-86-9) ACGIH TLV TWA: 10mg/m3,
OSHA PEL TWA: 10mg/m3
~ | | | |
| Aliphatic Polyamine | MIXTURE | Ukn Ukn | 11 |
| Contains: Aldimine (65-75%) CAS# 54914-37-3 No OEL's established
Organomodified Siloxane (25-35%) CAS# Proprietary, No OEL's established
~ | | | |

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

Indicates carcinogenic chemical.

NOTE: If tinted may contain Carbon Black CAS#1333-86-4 AND/OR Crystalline Silica CAS#14808-60-7. If tinted DARK GRAY or BLACK consider these levels to be reportable.

This MSDS may be used for other container sizes of this product. When parts A & B are combined, the hazard warnings for both components are present.

~~~~ SECTION 3 ~~~~ HAZARDS IDENTIFICATION ~~~~

Potential Health Effects

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**Eyes:**

Contact with vapor and/or spray mist may result in irritation, contact with liquid may result in severe irritation

**Skin:**

May cause burns resulting in severe irritation with pain, redness and swelling, blister formation, and possible tissue destruction. May cause skin sensitization.

**Ingestion:**

Can result in irritation & corrosive action in the mouth, stomach tissue & digestive tract. Symptoms can include sore throat, abdominal pain, nausea, vomiting and diarrhea.

**Inhalation:**

Vapor or spray mist may cause irritation of nasal and respiratory passages.

~~~~ SECTION 4 ~~~~ FIRST AID MEASURES ~~~~

Eyes:

Immediately flush with copious amounts of water for at least 15 minutes. If redness, itching, or burning sensations persist consult a physician or ophthalmologist immediately.

Skin:

Wash with plenty of soap and water. Remove contaminated clothing and shoes, wash before reuse. Consult a physician immediately.

Ingestion:

Do not induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician immediately.

Inhalation:

Remove from source of exposure and into fresh air. If symptoms persist consult a physician immediately. If not breathing, give artificial respiration and call emergency medical services immediately.

Note to Physician:

None for this material.

~~~~ SECTION 5 ~~~~ FIRE FIGHTING MEASURES ~~~~

**Flammable Properties**

**Flash Point:** 270F/132.2C

**Lower Flammable Limits:** N/A

**Upper Flammable Limit:** N/A

**Auto Ignition Temperature:** Not available

**Extinguishing Media:** Foam, dry chemical, carbon dioxide or any Class B

extinguishing agent. Water may be unsuitable as an extinguishing media, but helpful in keeping adjacent containers cool.

**Special Fire Fighting Procedures:**

Full emergency equipment with self-contained breathing apparatus should be worn by firefighters. During a fire irritating, toxic gases and smoke are present from decomposition/combustion. Closed containers may explode when exposed to extreme heat.

~~~~ SECTION 6 ~~~~ ACCIDENTAL RELEASE MEASURES ~~~~

Small Spill:

Wear skin, eye & respiratory protection during clean-up. Evacuate area of all non-essential personnel. Dike, and contain and/or absorb with inert material (sand, earth or other suitable non-combustible material) to prevent entry into storm drains, sewers and other unauthorized treatment/drainage systems and natural waterways. Scoop up and place in approved containers for proper disposal. Cover with lid. If spill occurs near air inlets or inside, turn off heating or air-conditioning equipment to prevent contaminating building.

Large Spill:

Use same procedure as small spill.

~~~~ SECTION 7 ~~~~ HANDLING AND STORAGE ~~~~

**Handling & Storage:**

Store in a cool, dry, well-ventilated area away from incompatible materials. Keep container tightly closed when not in use. Do not use pressure to empty container. Ground container while pouring and limit free fall to a few inches. Do not puncture, cut, grind, weld or drill on or near this container. Closed containers may explode if exposed to extreme heat.

**Other Precautions:**

Closed containers may explode due to pressure build-up if exposed to extreme heat. Do not get in eyes, on skin or on clothing. Avoid prolonged or repeated breathing of vapor or spray mist. Keep container tightly closed when not in use. Empty containers, especially drums, should be completely drained, properly bunged and promptly returned to a drum reconditioner, or properly disposed of. Use only in a well ventilated area. Keep out of the reach of children.

~~~~ SECTION 8 ~~~~ EXPOSURE CONTROLS/PERSONAL PROTECTION ~~~~

Engineering Controls:

General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits as determined by air sampling or are unknown, appropriate respiratory protection should be

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worn. Follow OSHA Respirator Regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.

In outside mixing and application operations, situate workers upwind of operation & provide airflow in a downwind direction so as to carry fumes and residual spray away from workers. If there is a lack of air movement monitor for maximum exposure limits as indicated in section 2 and if exceeded, use appropriate Respiratory Equipment.

Respiratory Protection:

Wear a NIOSH approved respirator appropriate for the vapor or mist concentration at the point of use. Appropriate respirators may be a full-face piece or a half mask air-purifying cartridge respirator equipped for organic vapors/mists, a self-contained breathing apparatus in the pressure demand mode, or a supplied-air respirator. Refer to OSHA standard 29 CFR 1910.134 for additional information.

Skin Protection:

Chemical resistant gloves determined to be impervious under the conditions of use.

Eye Protection:

Chemical goggles. If splashing may occur or during spray operations wear a face shield, unless a full-face piece respirator is used. Do not wear contact lenses as they may contribute to the severity of injury to the eye from contact with liquid and spray mist.

~~~~ SECTION 9 ~~~~ PHYSICAL AND CHEMICAL PROPERTIES ~~~~

Boiling Range: N/A

Specific Gravity(H<sub>2</sub>O=1): 1.2664

Vapor Density(Air=1): Not determined.

Evaporation Rate(N-Butyl Acetate=1) : Unknown

Coating V.O.C.: 0.01 lb/gl                      Coating V.O.C.: 2 g/l

Material V.O.C.: 0.01 lb/gl                      Material V.O.C.: 2 g/l

Solubility in Water: Insoluble-reacts.

Appearance: Light yellow liquid Odor: Mild odor.

~~~~ SECTION 10 ~~~~ STABILITY & REACTIVITY DATA ~~~~

Stability:

Stable

Conditions To Avoid:

Avoid extreme heat conditions and water contact. Reaction with water can result in pressure buildup of the container resulting in rupture of the container.

Incompatible Materials:

Avoid contact with oxidizers, acids, and water or ambient

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moisture. Also avoid extreme temperatures, sparks or other sources of ignition.

Hazardous Decomposition Products

Thermal decomposition may yield carbon monoxide, carbon dioxide, nitrogen oxide and unburned ammonia. Unidentified organic compounds in fumes and smoke may be formed during combustion.

Hazardous Polymerization:

Not expected to occur

~~~~ SECTION 11 ~~~~ TOXICOLOGICAL INFORMATION ~~~~

\*Data is for individual components of preparation.

**Materials having a known chronic/acute effects on eyes:**

Aspartic Ester: Moderately irritating (rabbit)

**Materials having a known dermal toxicity.**

Aspartic Ester: LD50: >2,000mg/kg (rat)

Non-irritating (rabbit)

Titanium Dioxide CAS#13463-67-7 Dermal LD50 (rabbit) >10 g/kg

**Materials having a known oral toxicity.**

Aspartic Ester: LD50: >2,000mg/kg (rat)

TITANIUM DIOXIDE CAS#13463-67-7 Oral LD50 (rat) >25 g/kg

**Materials having a known Inhalation hazard:**

Aspartic Ester: LC50: >4,224mg/l, 4hr (rat)

TITANIUM DIOXIDE CAS#13463-67-7 LC50 (rat)>6.82 mg/l(4 hr)

**Identified Carcinogens/Longterm Effects:**

This product may cause dermal sensitization in susceptible persons.

**Identified Teratogens:**

NO DATA

**Identified Reproductive toxins :**

NO DATA.

**Identified Mutagens:**

NO DATA.

~~~~ SECTION 12 ~~~~ ECOLOGICAL INFORMATION ~~~~

Ecotoxicological effects on plants and animals:

Aspartic Ester

LC50: 66mg/l (Zebra fish, 96hrs)

EC50: 88.6mg/l (Water flea, 48hrs)

EC50: 3,110mg/l (scenedesmus subspicatus) (aquatic plant)

Terrestrial Plant 113mg/l (72hrs)

Data is based on similar product.

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Titanium Dioxide CAS#13463-67-7 96 Hr LC50 (Fathead minnows)>1,000mg/l

Chemical Fate :

This product is not expected to be biodegradable. Avoid spillage into the environment.

~~~~ SECTION 13 ~~~~ DISPOSAL CONSIDERATIONS ~~~~

**Instructions:**

This material is hazardous for disposal. Waste must be disposed of in accordance with federal, state, and local environmental control regulations. Incineration is the preferred method. Empty containers must be handled with care due to product residue. Decontaminate containers prior to disposal. DO NOT HEAT OR CUT EMPTY CONTAINER WITH ELECTRIC OR GAS TORCH (See section 5, Fire Fighting Measures and section 10, Stability and Reactivity Data)

~~~~ SECTION 14 ~~~~ TRANSPORT INFORMATION ~~~~

Shipping Information:

DOT INFORMATION - 49 CFR 173

DOT DESCRIPTION:

POLYAMINE MIXTURE, LIQUID, CORROSIVE, N.O.S., (Aliphatic Polyamine),8, UN2735, II.

~~~~ SECTION 15 ~~~~ REGULATORY INFORMATION ~~~~

(Not meant to be all inclusive-selected regulations represented)

**US Regulations:**

**Status Of Substances Lists:**

The Concentrations Shown In Section II Are Maximum Ceiling Levels (Weight %) to be used for calculations for regulations.

A reportable quantity is a quantity of a hazardous substance that triggers reporting requirements under the Comprehensive Environmental Response Compensation And Liability Act (CERCLA).

If a spill of a substance exceeds it's reportable quantity (RQ) in CFR 302.3,Table 40 302.4 Appendix A & 302.4 Appendix B, the release must be reported to The National Response Center At (800) 424-8802, The State Emergency Response Commission (SERC), And community emergency coordinators likely to be affected.

**Components present that could require reporting under the statute are:**

NONE KNOWN

Superfund Amendments And Reauthorization Act Of 1986 (SARA) Title III Requires emergency planning based on the Threshold Quantities(TPQ'S)and release reporting based on Reportable Quantities (RQ'S) In 40 CFR 355 Appendix A&B Extremely Hazardous Substances. The emergency planning and release requirements of 40 CFR 355 apply to any facility at which there is present any amount of any extremely hazardous substance(EHS) equal to or in excess of it's Threshold Planning Quantity(TPQ).

**Components present that could require reporting under the statute are:**

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NONE KNOWN

EPCRA 40 CFR 372(Section 313) Requires EPA and the States to annually collect data on releases of certain toxic materials from industrial facilities, and make the data available to the public in the Toxics Release Inventory(TRI). This information must be included in all MSDS'S that are copied and distributed or compiled for this material. Reporting Threshold: Standard: A facility must report if it manufactures (including imports) or processes 25,000 pounds or more or otherwise uses 10,000 pounds or more of a listed toxic chemical during the calendar year.

**Components present that could require reporting under the statute are:**

**See Section II**

The components of this product are listed or excluded from listing on the US Toxic Substance Control Act (TSCA) chemical substance inventory. Mixtures shall be assumed to present the same health hazards as do the Components Which Comprise One Percent(By Weight Or Volume) or greater of the Mixture,except that the mixture shall be assumed to present carcinogenic hazard if it has a component in concentrations of 0.1 percent greater.For a list of hazardous ingredients:

**See Section II**

the remaining percentage of unspecified ingredients, if any, are not contained in above DeMinimis concentrations and/or are believed to be non-hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200), and may consist of pigments, fillers, defoamers, wetting agents, resins, dryers,anti-bacterial agents, water and/or solvents in varying concentrations.

**International Regulations:**

**Canadian WHMIS:**

CLASS E:CORROSIVE

**Canadian Environmental Protection Act (CEPA):**

All of the components of this product are exempt or listed on the DSL.See Section II For Composition/Information on Ingredients.

**EINECS:**

All of the components of this product are listed in the EINECS inventory or are exempt from notification requirements.

**State Regulations:**

**California:**

California Proposition 65: The following Statement is made in order to comply with The California Safe Drinking Water and Toxic Enforcement Act of 1986

"WARNING:This product contains the chemical(s) appearing below known to the State of California to:

**A: Cause Cancer**

NONE KNOWN

\*If tinted contains Carbon Black:CAS#1333-86-4 and may also contain trace amounts of Crystalline Silica:CAS#14808-60-7

**B: Cause Birth Defects or other Reproductive Harm :**

NONE KNOWN

In addition to the above named chemical(s)(if any),this product may contain trace amounts of chemicals, known to the State of California, to cause Cancer or Birth Defects and other Reproductive Harm

**Delaware:**

NONE KNOWN

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**Florida:**

NONE KNOWN

**Massachusetts:**

NONE KNOWN

**Michigan:**

NONE KNOWN

**Minnesota:**

NONE KNOWN

**New Jersey:**

NONE KNOWN

**New York:**

NONE KNOWN

**Pennsylvania:**

Titanium Dioxide                                   CAS#13463-67-7       CODE:--

**Washington:**

NONE KNOWN

~~~~ SECTION 16       ~~~~ OTHER INFORMATION ~~~~

HMIS® III

Health :

Flammability :

Physical Hazard :

*Following Health rating Indicates Chronic/Carcinogenic Effects

HMIS® III Personal Protection :

This rating is for the product as it is packaged. This rating will need to be adjusted by the user based on conditions of use.

The information contained herein relates only to the specific material identified. United Coatings believes that such information is accurate and reliable as of the date of this material safety data sheet, but no representation, guarantee or warranty, expressed or implied, is made as to the accuracy, reliability, or completeness of the information. To assure proper use & disposal of these materials & the safety & health of employees & customers,United Coatings urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application.