

ELASTUFF 120/ UNIFLEX 1500 SPRAY GRADE Part B

PRODUCT NAME: ELASTUFF 120/ UNIFLEX 1500 SPRAY GRADE Part B
 PRODUCT CODE: EL-120-B/UF-1500-B-SG

~~~~ 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 : BACK-UP(800)541-4383  
 DATE PRINTED : 01/15/2009  
 DATE REVISED : March 2006

~~~~ SECTION 2 ~~~~ HAZARDOUS INGREDIENTS/SARA III INFORMATION ~~~~

| Reportable Components | CAS Number | MM HG @ Temp | Weight % |
|---|------------|------------------|----------|
| CASTOR OIL | 8001-79-4 | UNKNOWN N/A | 54 |
| OSHA PEL: NOT EST., ACGIH TLV: NOT EST., STEL: NOT EST. | | | |
| * POLYMERIC RESIN(HYDROXY TERMINATED 1,3-BUTADIENE HOMOPOLYMER).69102-90-5N | | | |
| 1,3-butadiene, homopolymer, Hydroxy terminated CAS#69102-90-5 | | | |
| No exposure guidelines have been established for this chemical. | | | |
| 4-Vinylcyclohexene, CAS#100-40-3, ACGIH/TWA .1ppm/.44mg/m3; | | | |
| 1,3-butadiene CAS#106-99-0, ACGIH /TWA 2ppm/4.4mg/m3. | | | |
| ~ | | | |
| Titanium Dioxide | 13463-67-7 | N/A N/A | 4 |
| ACGIH total dust TLV-10mg/m3 | | | |
| OSHA Total Dust, 8 HR TWA, PEL-15 mg/m3, | | | |
| 5mg/m3 Respirable dust | | | |
| ~ | | | |
| Diethyltoluenediamine | 68479-98-1 | .97mmHG 259F/126 | 3 |
| No exposure limits established for this chemical. | | | |

*** No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. ***

This msds may be used for other colors and container sizes of this product. When parts a and b are combined, the hazard warnings for both components are present.

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

**Potential Health Effects**

**Eyes:**

May cause severe irritation with corneal injury, which may result in permanent impairment of vision, even blindness.

**Skin:**

Prolonged exposure may cause slight skin irritation. A single Prolonged exposure is not likely to result in the material being

ELASTUFF 120/ UNIFLEX 1500 SPRAY GRADE Part B

Absorbed through skin in harmful amounts.

**Ingestion:**

While this material has a low degree of toxicity, ingestion of large quantities may cause irritation of the digestive tract.

**Inhalation:**

May cause burning of the upper respiratory tract and/or temporary or permanent lung damage.

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

Eyes:

Immediate and continuous irrigation with flowing water for at least 30 minutes is imperative. Consult a physician or ophthalmologist immediately.

Skin:

Immediately wash skin with lots of soap and water. Remove Contaminated clothing and shoes and wash before reuse. If irritation persists consult a physician.

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 not breathing, give artificial respiration. If symptoms persist consult a physician immediately.

Note to Physician:

No specific antidote. Supportive care, treatment based on judgment of the physician in response to reactions of the patient.

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

**Flammable Properties**

**Flash Point:** 275F/135C

**Lower Flammable Limits:** N/A

**Upper Flammable Limit:** N/A

**Auto Ignition Temperature:**

NOT AVAILABLE

**Extinguishing Media:**

Foam, CO2, dry chemical, water fog

**Special Fire Fighting Procedures:**

Do not enter any enclosed or confined fire space without full protective equipment, including self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) to protect against the hazardous effects of combustion products and

ELASTUFF 120/ UNIFLEX 1500 SPRAY GRADE Part B

oxygen deficiency.

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

Small Spill:

Absorb liquid with vermiculite, floor absorbent or other absorbent material and transfer to drum.

Large Spill:

Wear skin, eye & respiratory protection during clean-up. Evacuate area of all non-essential personnel. ventilate spill area. Dike, and contain and/or absorb with inert material (sand, earth or other suitable 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.

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

**Handling & Storage:**

Keep from freezing. Keep container cool and dry. Use and store this product with adequate ventilation. Keep product containers tightly closed when not in use. Avoid subjecting this product to extreme temperature variations.

**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:

In outside spray, mixing and rolling applications situate workers upwind of operation & provide airflow in a downwind direction so as to carry fumes and residual spray away from workers. Local exhaust ventilation recommended if generating vapor, dust or mist. Turn off heating and/or air conditioning equipment to prevent contaminating building.

If exhaust ventilation is not adequate, use MSHA or NIOSH approved respirator. Refer to OSHA standard 29 CFR 1910.94 for guidelines.

Mechanical exhaust ventilation, with volume and pattern capable of maintaining a fresh air supply, may be necessary in confined spaces.

ELASTUFF 120/ UNIFLEX 1500 SPRAY GRADE Part B

Respiratory Protection:

Use NIOSH approved respiratory protection where airborne level is unknown or exceeds the occupational exposure limit.

(Note: ***part A contains isocyanate***. Extreme caution must be used as the hazards of both part A and part B will be exhibited when the A and B components are combined).

Skin Protection:

The use of gloves impermeable to the specific material handled is advised to prevent skin contact and possible irritation. Note that PVA degrades in water.

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: 586F/308C - 2500-3000C

Specific Gravity(H<sub>2</sub>O=1): .9832

Vapor Density(Air=1): Heavier than air

Evaporation Rate(N-Butyl Acetate=1) :

Coating V.O.C.: 0.03 lb/gl                      Coating V.O.C.: 4 g/l

Material V.O.C.: 0.03 lb/gl                      Material V.O.C.: 4 g/l

Solubility in Water: Not Established

Appearance: Moderately viscous pigmented liquid, various colors.

Odor: Aromatic odor.

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

Stability:

Stable

Conditions To Avoid:

Extremely hot or cold temperatures

Incompatible Materials:

Avoid contact with strong oxidizing agents. Contact with the following materials may cause a reaction generating heat or decomposition: water.

Hazardous Decomposition Products

Carbon monoxide, carbon dioxide, aniline, oxides of nitrogen and other unidentified organic compounds in smoke.

Hazardous Polymerization:

Will not occur

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

ELASTUFF 120/ UNIFLEX 1500 SPRAY GRADE Part B

\*Data is for individual components of preparation.

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

TOXICOLOGY: CASTOR OIL (CAS# 8001-79-4);  
EYE IRRITATION, RABBIT: 500 MG-MILD.

**Materials having a known dermal toxicity.**

SKIN IRRITANCY FOR CASTOR OIL; RABBIT; MILD, SKIN IRRITANCY,  
HUMAN; 48 HR PATCH TEST - NOT IRRITATING.

**Materials having a known oral toxicity.**CASTOR OIL: THE ORAL LD50 FOR  
RATS IS >5,000MG/KG.

**Materials having a known Inhalation hazard:**

NO DATA

**Identified Carcinogens:**

NOT ESTABLISHED

**Identified Teratogens:**

NO DATA

**Identified Reproductive toxins :**

NO DATA.

**Identified Mutagens:**

NO DATA.

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

Ecotoxicological effects on plants and animals:

NO DATA AVAILABLE

Chemical Fate :

NO DATA.

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

**Instructions:**

Dispose of unused product or contaminated product and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate federal, state and local regulatory agencies to ascertain proper disposal procedures. Incineration is acceptable and the preferred method of disposal, however; nitrogen oxide emissions controls may be required to meet specifications. Chemical and biological degradation is possible. Empty containers will retain product residue and vapors and are subject to proper waste disposal, as above.

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

Shipping Information:

DOT INFORMATION - 49 CFR 172.101

DOT DESCRIPTION: NOT REGULATED

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

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

ELASTUFF 120/ UNIFLEX 1500 SPRAY GRADE Part B

**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:**

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:**

THIS PRODUCT IS NOT LISTED IN ANY DIVISION, CLASS, OR SUBDIVISION.CLASS D - POISONOUS AND INFECTIOUS MATERIALS  
Division 2 Materials Causing Other Toxic Effects  
Subdivision B - Toxic Materials

ELASTUFF 120/ UNIFLEX 1500 SPRAY GRADE Part B

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

NONE KNOWN All of the components of this product are exempt or listed on the DSL. See Section II For Composition/Information on Ingredients

**EINECS:**

NO INFORMATION. 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#14-808-60-7

**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:**

**Florida:**

**Massachusetts:**

**Michigan:**

**Minnesota:**

**New Jersey:**

NONE KNOWN

**New York:**

**Pennsylvania:**

NONE KNOWN

**Washington:**

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

HMIS® III

Health : 1

Flammability : 1

Physical Hazard : 0

*Following Health rating Indicates Chronic/Carcinogenic Effects

ELASTUFF 120/ UNIFLEX 1500 SPRAY GRADE Part B

HMIS® III Personal Protection : J

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 is furnished without warranty of any kind. Users should consider these data only as a supplement to other information gathered by them & determine the suitability & completeness of information from all sources to assure proper use & disposal of these materials & the safety & health of employees & customers