

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

#ELASTUFF 302 PRIMER PART A

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PRODUCT NAME: #ELASTUFF 302 PRIMER PART A
PRODUCT CODE: PR-302-A

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

**Manufacturer's Name** : UNITED COATINGS MANUFACTURING CO  
**Address** : 19011 EAST CATALDO AVE.  
: SPOKANE VALLEY, WASHINGTON 99016-9423  
: INITIAL(FIRST CALL)CHEMTREC(800)424-9300  
**INFORMATION PHONE** : (509) 926-7143  
**TOLL FREE** : BACK-UP(800)541-4383  
**DATE PRINTED** : 11/21/2005  
**DATE REVISED** : November 2005

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

| Reportable Components | CAS Number | MM HG @ Temp | Weight % |
|---|------------|--------------|------------|
| * Methyl N propyl ketone (MPK) | 107-87-9 | 27.8 | 68F/20C 49 |
| ACGIH TLV: 200ppm TWA, 250ppm STEL.
OSHA PEL: 200ppm TWA: 250ppm.
Methyl N Propyl Ketone contains 4-7% Methyl isobutyl ketone, CAS#108-10-1,
ACGIH TLV TWA: 50ppm. STEL: 75ppm. OSHA PEL TWA: 100ppm. | | | |
| ~ | | | |
| Vinyl Resin (hydroxyl modified) | 41618-91-1 | N/A | N/A 20 |
| Contains: 2-Propenoic acid, 2-hydroxypropyl ester, polymer with
chloroethene and ethenyl acetate CAS# 41618-91-1, (96.5%),
No exposure guidelines established for this chemical however,
as a nuisance dust: ACGIH 10mg/m3 (inhalable particulate)
ACGIH TWA 3mg/m3 (respirable particulate)
Acetone, CAS# 67-64-1,
OSHA TWA: 1000ppm, ACGIH STEL: 750ppm, ACGIH TWA: 500ppm.
Isopropanol, CAS#67-63-0,
ACGIH TWA: 400ppm, ACGIH STEL: 500ppm, OSHA TWA: 400ppm | | | |
| ~ | | | |
| * Zinc phosphate | 7779-90-0 | N/A | N/A 15 |
| OSHA PEL (as nuisance dust): 10 mg/m3 (total dust),
5 mg/m3 (respirable dust) | | | |
| ~ | | | |
| Titanium dioxide | 13463-67-7 | N/A | N/A 7 |
| 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, ACGIH TLV TWA: 10mg/m3,
OSHA PEL TWA: 10mg/m3 | | | |
| ~ | | | |
| # Crystalline silica | 14808-60-7 | N/A | N/A 5. |
| OSHA PEL TWA: 0.1 mg/m3. ACGIH TLV TWA: 0.1 mg/m3.
NIOSH MPC: 0.05 mg/m3, 10 hr. Workday, 40 hr. Week. | | | |
| ~ | | | |
| # Rheological additive | MIXTURE | N/A | N/A 3.2 |

Skin:

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

Ingestion:

If person is conscious give two glasses of water (16 oz) but do not induce vomiting. If vomiting occurs spontaneously lower head to avoid aspiration into lungs, give fluids again. Never give anything by mouth to an unconscious or convulsing person. Consult a physician immediately.

Inhalation:

Remove to fresh air. If breathing is difficult, administer oxygen. Give artificial respiration if breathing has stopped. Get prompt medical attention.

Note to Physician:

This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin, lung (for example, asthma-like conditions), liver, kidney.

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

**Flammable Properties**

**Flash Point:** 46F/7.8C

**Lower Flammable Limits:** 1.56@93F

**Upper Flammable Limit:** 8.7@144F

**Auto Ignition Temperature:**

Not available

**Extinguishing Media:**

Foam, CO2, dry chemical, water fog or spray, as appropriate for surrounding fire.

**Special Fire Fighting Procedures:**

Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment. Refer to the personal protective equipment section of this MSDS.

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

Small Spill:

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

Large Spill:

Eliminate all ignition sources (flares, flames, including pilot lights, electrical sparks). Persons not wearing protective

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equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source. Prevent product and wash water from entering drains, sewers, streams or other bodies of water. Prevent from spreading. If runoff occurs, notify authorities as required. Pump or vacuum (with explosion proof vacuum system) spilled product to clean containers for recovery. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal. Store in tightly closed containers.

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

**Handling & Storage:**

Warning: Can form explosive atmospheres. Sensitivity to static discharge: electrostatic charge may build up during handling. Grounding of containers and equipment is recommended. Keep away from sources of ignition, heat, sparks, flame, and oxidizers. Store in a cool, dry, well-ventilated area away from incompatible materials. Avoid breathing vapors. Store in closed containers, above ground surrounded by dikes to contain leaks or spills. Vent containers in warm weather to relieve pressure. Use only non-sparking tools. Do not use pressure to empty container. Do not get in eyes, on skin or on clothing.

**Other Precautions:**

Containers, even those that have been emptied, will retain product residue (liquid and/or vapor) and can be dangerous. Always obey hazard warnings and handle empty containers as if they were full. Do not pressurize, puncture, cut, weld, braze, solder, drill, grind, or otherwise expose such containers to heat, flame, sparks, static electrical charges, electricity, or other sources of ignition. They may explode and/or emit toxic vapors causing injury or death. 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. Concentrated vapors of this product are heavier than air and will collect in low areas such as pits and storage tanks and other confined spaces. Vapors could migrate to sources of ignition. 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. 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.

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

Respiratory Protection:

The specific respirator selected must be based on contamination levels found at the work site, must not exceed the working limits of the respirator and be jointly approved by the national institute for occupational safety and health and the mine safety and health administration (NIOSH-MSHA). Follow OSHA regulation 29 CFR 1910.134 for respirator use. Use a respirator that respirator supplier has demonstrated to be effective when the specific chemical vapor/mist concentrations exceed the recommended limits. If the product is a two-component material (i.e. part A & part B) the hazards of both part A and part B may be exhibited when combined. Where over spray is present, or if concentration of vapors is unknown, or high concentrations are present, the use of a NIOSH/MSHA approved dust, fume and mist respirator is recommended.

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: 213F/101C

Specific Gravity(H2O=1): 1.1768

Vapor Density(Air=1): Heavier than air

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

Coating V.O.C.: 4.77 lb/gl

Coating V.O.C.: 572 g/l

Material V.O.C.: 4.76 lb/gl

Material V.O.C.: 570 g/l

Solubility in Water: Soluble

Appearance: Slightly viscous liquid.

Odor: Mild ketone odor.

PH: N/A

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

Stability:

Stable

Conditions To Avoid:

Smoking, open flames, sparks, heat, and other potential source of ignition, including static electricity.

Incompatible Materials:

Avoid contact with strong oxidizing agents.

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Hazardous Decomposition Products

Combustion may yield carbon monoxide, carbon dioxide, traces of monomers and unidentified organics in smoke.

Hazardous Polymerization:

Will not occur

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

\*Data is for individual components of preparation.

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

NO DATA

**Materials having a known dermal toxicity.**

NO DATA.

**Materials having a known oral toxicity.**

NO DATA.

**Materials having a known Inhalation hazard:**

NO DATA

**Identified Acute/ Short-term Effects:**

Headache, nausea, abdominal pain and irritation of the nose, throat and lungs. Skin and eye irritation.

**Identified Carcinogens/Longterm Effects:**

Contains crystalline silica CAS#14808-60-7. Overexposure to respirable crystalline silica dust can cause silicosis, a form of progressive pulmonary fibrosis. This dust can be formed when sanding or otherwise mechanically abrading the dried product surface. Follow all OSHA guidelines and precautions to avoid over exposure. The international agency for research on cancer (IARC) has evaluated in volume 68, monographs on the evaluation of the carcinogenicity risk of chemicals to humans, crystalline silica in the form of quartz and amorphous silica (1997), that there is "sufficient evidence for the carcinogenicity of inhaled crystalline silica in the form of quartz or cristobalite from occupational exposures has been classified as a group 1 carcinogen by the IARC.

**Identified Teratogens:**

NOT TERATOGENIC

**Identified Reproductive toxins :**

No animal data available.

**Identified Mutagens:**

Collective data indicate non-mutagenic.

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

Ecotoxicological effects on plants and animals:

NO DATA

Chemical Fate :

NO DATA.

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

**Instructions:**

Dispose of unused product or contaminated product and

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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 173

DOT DESCRIPTION: Flammable Liquid, N.O.S.(Contains Methyl N Propyl Ketone),3,UN 1993, PG II. FLASH POINT 46F/7.7C

~~~~ 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:**

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:**

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**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 a carcinogenic hazard if it has a component in concentrations of 0.1 percent or greater. 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 B - FLAMMABLE AND COMBUSTIBLE MATERIALS  
Division 2 - Flammable Liquid

CLASS D - POISONOUS AND INFECTIOUS MATERIALS  
Division 2 Materials Causing Other Toxic Effects  
Subdivision B - Toxic Materials

**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

**Florida:**

Silica CAS#14808-60-7 listed as toxic  
Methyl normal propyl ketone CAS# 107-87-9 listed as toxic



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SKIN:UNK

UNK

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

HMIS® III

Health : 2*
Flammability : 3
Physical Hazard : 0

*Following Health rating Indicates Chronic/Carcinogenic Effects

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