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ROOF GOOP Roof Repair Mastic

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PRODUCT NAME: ROOF GOOP Roof Repair Mastic  
PRODUCT CODE: RM-BUHT-LG

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

Manufacturer's Name : ALL WEATHER SURFACES  
Address : 99-890 IWAENA STREET  
: AIEA, HI 96701  
: www.whitelava.com  
INFORMATION PHONE : (808) 487-3043  
DATE PRINTED : 1/5/06  
DATE TEMPLATE REVISED: February 2005

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

| Reportable Components   | CAS Number | MM HG @ Temp | Weight %   |
|---|------------|--------------|------------|
| Acrylic Polymer   | Mixture    | 17           | 68F-20C 54 |
| Contains: Aqua Ammonia, CAS#1336-21-6, 0.1%Max, .   |            |              |            |
| OSHA PEL: 50ppm, ACGIH TWA 25 ppm STEL 35ppm  |            |              |            |
| No other exposure limits have been established  |            |              |            |
| ~   |            |              |            |
| Calcium Carbonate   | 1317-65-3  | N/A          | N/A 26     |
| OSHA PEL: 15mg/m3, Total Dust, 5mg/m3, Respirable Dust  |            |              |            |
| ACGIH TLV: 10mg/m3, total dust containing no asbestos and <1% free Silica.  |            |              |            |
| If silica levels above 1.0% are present, the TLV value is 0.1mg/m3 of Respirable silica for both OSHA PEL and ACGIH TLV.            |            |              |            |
| ~   |            |              |            |
| Water   | 7732-18-5  | UNK          | UNK 5      |
| No OEL's Established  |            |              |            |
| ~   |            |              |            |
| Calcium carbonate   | 1317-65-3  | N/A          | N/A 4      |
| OSHA PEL: 15mg/m3, Total Dust, 5mg/m3, Respirable Dust  |            |              |            |
| ACGIH TLV:10mg/m3, total dust containing no asbestos and <1% free Silica.   |            |              |            |
| If silica levels above 1.0% are present, the TLV value is 0.1mg of Respirable silica per cu. Meter for both OSHA PEL and ACGIH TLV. |            |              |            |
| ~   |            |              |            |
| Isobutane (encapsulated in polymer)   | 75-28-5    | UKN          | UKN 4      |
| NIOSH: 800ppm, 1900mg/m3. No other limits established.  |            |              |            |
| ~   |            |              |            |
| Titanium dioxide  | 13463-67-7 | N/A          | N/A 2      |
| 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   |            |              |            |
| ~   |            |              |            |
| Petroleum derivatives   | MIXTURE    | <0.01        | 68F/20C 2  |
| Contains: Solvent refined heavy paraffinic distillate; CAS# 64741-88-4,   |            |              |            |
| OSHA&ACGIH TWA: 5mg/m3 (as oil mist), ACGIH STEL: 10mg/m3(as oil mist).   |            |              |            |

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Solvent refined/dewaxed heavy paraffinic distillate; CAS# 64742-65-0,  
OSHA&ACGIH TWA: 5mg/m3 (as oil mist), ACGIH STEL: 10mg/m3 (as oil mist).

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

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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 colors and container sizes of this  
product.

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

**Potential Health Effects**

**Eyes:**

May cause slight/moderate irritation to the eye

**Skin:**

Substance may cause slight skin irritation

**Ingestion:**

Irritation of the mouth, pharynx, esophagus and stomach can  
develop following ingestion.

**Inhalation:**

May cause irritation to respiratory tract.

~~~~ 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:**

Not considered a potential route of exposure. Never give  
anything by mouth to an unconscious person. Treat for shock. If  
unconscious and vomiting, turn the person on their side to avoid  
choking. 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:**

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:** N/A

**Lower Flammable Limits:** N/A

**Upper Flammable Limit:** N/A

**Auto Ignition Temperature:**

Not available

**Extinguishing Media:**

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

**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 oxygen deficiency.

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

**Small Spill:**

Contain spills immediately with inert materials (eg. sand, earth). If material is spilled in a confined area ventilate the area well. Keep spectators away. Floor may be slippery; use care to avoid falling. Transfer liquids and solid diking material to separate suitable containers for recovery or disposal. Caution: keep spills and cleaning runoff out of municipal sewers and open bodies of water.

**Large Spill:**

Use same procedure as small spill.

~~~~ 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:**

Containers of this material may be hazardous when emptied.

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Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

~~~~ 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. Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s).

**Respiratory Protection:**

Follow OSHA regulation 29 CFR 1910.134 for respirator use where over spray is present, or if concentration of product is not known or are above the exposure guidelines. When comfort levels may be exceeded, use an approved air-purifying respirator equipped with an ammonia/methylamine cartridge(s).

**Skin Protection:**

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

**Eye Protection:**

Safety glasses with side-shields. Eye protection worn must be compatible with respiratory protection system employed.

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

**Boiling Range:** 212F/100C

**Specific Gravity(H2O=1):** .97

**Vapor Density(Air=1):** Heavier than air

**Evaporation Rate(N-Butyl Acetate=1) :** Slower than ether

**Coating V.O.C.:** 0.09 lb/gl                      Coating V.O.C.: 10 g/l

**Material V.O.C.:** 0.06 lb/gl                      Material V.O.C.: 7 g/l

**Solubility in Water:** Soluble

**Appearance:** HIGHLY THIXOTROPIC LIQUID. VARIOUS COLORS AND TEXTURES.

**Odor:** FAINT AMMONIACAL ODOR.                      PH: 8.0

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

**Stability:**

Stable

**Conditions To Avoid:**

Extremely hot or cold temperatures

**Incompatible Materials:**

No hazardous reactions to other materials are expected to occur under normal industrial conditions.

**Hazardous Decomposition Products**

Thermal decomposition may yield acrylic monomer, carbon monoxide and carbon dioxide. Unidentified organic compounds in fumes and smoke may be formed during combustion.

**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.**

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

**Materials having a known oral toxicity.**

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

**Materials having a known Inhalation hazard:**

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

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

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

**Identified Carcinogens/Long-term Effects:**

NO DATA

**Identified Teratogens:**

No animal data available.

**Identified Reproductive toxins :**

No animal data available.

**Identified Mutagens:**

No animal data available.

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

**Ecotoxicological effects on plants and animals:**

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

**Chemical Fate :**

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

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

**Instructions:**

Dispose of 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. 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: NON HAZARDOUS

~~~~ 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:**

**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 or greater. The remaining percentage of unspecified ingredients,

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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.

**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:**

Listed on the Delaware Air Quality Management List:

ISOBUTANE(ENCAPSULATED IN POLYMER) CAS#75-28-5      DRQ 1000#

**Florida:**

NONE KNOWN

**Massachusetts:**

CALCIUM CARBONATE, CAS#1317-65-3

SUBSTANCE CODES:4

Titanium Dioxide CAS#13463-67-7      SUBSTANCE CODES:4

ISOBUTANE      CAS#75-28-5      SUBSTANCE CODES:6

**Michigan:**

NONE KNOWN

**Minnesota:**

THE FOLLOWING ARE LISTED IN THE MINNESOTA HAZARDOUS SUBSTANCES LIST

| CHEMICAL NAME | CAS# | CODES | HAZARDS | CARCINOGEN? |
|---------------|------|-------|---------|-------------|
|---------------|------|-------|---------|-------------|



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