
PRODUCT NAME: SCS-HR Primer/CLEAR SEAL PRIMER

PRODUCT CODE: BUR-UB

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

Manufacturer's Name : Solar Coating Systems
Address : P.O. Box 794
 : MAPLE VALLEY, WASHINGTON 98038
 : INITIAL (FIRST CALL) CHEMTREC (800) 424-9300
INFORMATION PHONE : (206) 748-1458
TOLL FREE : BACKUP (800) 644-4132
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~~~~ SECTION 2 ~~~~ HAZARDOUS INGREDIENTS/SARA III INFORMATION ~~~~~

Reportable Components CAS Number MM HG @ Temp Weight %
Acrylic Polymer Mixture 17 mm Hg 20C/68F 91
Contains Aqua Ammonia, CAS #1336-21-6 at <0.2%
Exposure guidelines for ammonia: ACGIH: TLV: 25 ppm. STEL: 35 ppm.~
Water 7732-18-5 UNK UNK 6
No OEL's Established~
2,2,4-Trimethyl-1,3-Pentanediol Monoisobutyrate 25265-77-40.0168F 2
No occupational exposure limits have been 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 in the
product base.~
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 reportableThis 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:

Contact causes moderate skin irritation. Causes drying of
the skin.

Ingestion:

May cause abdominal pain, nausea and vomiting.

Inhalation:

Irritation of mucous membranes may occur. Concentrated
vapors may cause dizziness, headache and nausea.

~~~~ 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. If swallowed, give 2 glasses of water to drink. 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 ~~~~

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**Flammable Properties**

Flash Point: 248F/120C

Lower Flammable Limits: 0.62

Upper Flammable Limit: 4.24

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 ~~~~

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**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.

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~~~~ 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.

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 ~~~~

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Boiling Range: 212F/100C - 471F/243C

Melting Point: N/A

Specific Gravity(H<sub>2</sub>O=1): 1.0507

Vapor Density(Air=1): Not determined.

Vapor Pressure: Not determined.

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

Coating V.O.C.: 0.47 lb/gl                      Coating V.O.C.: 56 g/l

Material V.O.C.: 0.19 lb/gl                      Material V.O.C.: 23 g/l

Solubility in Water: Soluble

Appearance: GRAY TACKY COMPOUND ON BACKING.    VARIOUS COLORS

Odor: FAINT AMMONIACAL ODOR.

pH: N/A

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

Stability:

Stable

Conditions To Avoid:

Avoid heat and open flame. Keep air tight and free of moisture.

*Incompatible Materials:**Strong oxidizing agents**Hazardous Decomposition Products**Acrylic monomer, carbon monoxide, carbon dioxide, aldehydes, fumes, smoke and other unidentified products of 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:**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:**Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: mouth and throat irritation, stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways).**Identified Carcinogens/Longterm Effects:**NO DATA**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**Chemical Fate :**This product is not expected to be biodegradable. Avoid spillage into the environment.*

~~~~ 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: 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 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:

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/NDSL. 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:*

NONE KNOWN

*Idaho:*

NONE KNOWN

*Massachusetts:*

NONE KNOWN

*Michigan:*

NONE KNOWN

*Minnesota:*

NONE KNOWN

*New Jersey:*

NONE KNOWN

*New York:*

NONE KNOWN

*Pennsylvania:*

NONE KNOWN

*Washington:*

NONE KNOWN

*Wisconsin:*

NONE KNOWN

*West Virginia*

NONE KNOWN

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

## HMIS® III

Health : 1

Flammability : 0

Physical Hazard : 0

\*Following Health rating Indicates Chronic/Carcinogenic Effects

HMIS® III Personal Protection : H

*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.*