



COATABLE

AUTO PREP

SINGLE PLY PRIMER

Product Information (02.02.22)

PRODUCT DESCRIPTION

AUTO PREP is a single component, solvent-based primer for single-ply membranes. AUTO PREP promotes adhesion when applying STOP HEAT coat to tar/bitumen, plastic, TPO, PVC, Vinyl and EPDM. AUTO PREP seals surfaces while offering superior surface adhesion for all topcoats.

RECOMMENDED USES

- Primer for STOP HEAT when applying over recreational vehicles (RV's)
- Excellent primer on sloped roofs with tar, rubber, TPO or EPDM

APPLICATION PROCEDURE

Do not shake the container. Stir thoroughly by hand for thirty seconds. Do not create a vortex when mixing. Use outdoors or in a well-ventilated area. Do not apply to surfaces that exceed 180F (82C). AUTO PREP must be applied to a dry surface as soon as possible after cleaning. It can be applied by conventional, airless or pump sprayers. Do not brush or roll. Airless machines need to spray at a minimum rate of one gallon per minute using a .007-.009 reversible tip, or a solvent ready hand pumped sprayer. Temperature must always be a minimum of 5 degrees above the dew point during application. Cure times are 60 minutes to tack free at 70F (21C). Overcoat times are 60 minutes at 70F (21C) at 40% relative humidity. Do not brush or roll.

NOTE: This product must not be applied on or within 2 inches of chlorinated rubber.

NOTE: Never use mineral spirits to prep surfaces or to thin this product.

NOTE: If you apply too thick, it can create solvent swell with the TPO or PVC causing it to gas off and wrinkle over the surface or under the top coat. Therefore, do not use a roller or brush to try and apply at such a thin rate. Most wrinkles will return to normal within a day or so.

PERFORMANCE CHARACTERISTICS

For new/old EPDM, PVC, TPO & Tar, AUTO PREP covers approximately 200 sq. ft. per gallon (18.5 sq. mtr/gallon) at 8 mils wet (200 microns wet), 1 mils dry (25 microns dry).

PRODUCT CHARACTERISTICS

- Solids: By weight 12% / By volume: 12%
- 60 minutes to tack free at 70°F (21°C)
- Overcoat: 1 hour when 70°F (21°C) at 40% relative humidity
- Full Cure: 24 Hours
- Lead and chromate free
- Cures by evaporation
- Weight: 8.4 lbs. per gallon
- Vehicle Type: Aqueous acrylic dispersion
- Shelf Life: Up to 3 years if unopened under appropriate storage conditions (See MSDS)
- VOC Level: 30 grams / liter
- Package Unit: 1 & 5 gallon pail
- Maximum Surface Temperature when applying: 180°F (82°C)
- Minimum Surface Temperature when applying: 40°F (5°C)
- Maximum Surface Temperature after curing: 180°F (82°C)
- Clean up may be done with acetone or other solvent.

CLEAN UP

Remove any uncured coating by wiping a surface with MEK or comparable solvent. Follow solvent manufacturers directions. Freshly cured product is removed with sandpaper or wire brush. If spraying, keep solvent ready to clean equipment before any brake and at the conclusion of job.

SAFETY PRECAUTIONS

Do not use this product without first taking all appropriate safety measures to prevent property damage and injuries. These measures may include, without limitation: proper ventilation, use of proper lamps, wearing of protective clothing and masks, tenting, and proper separation of application areas. This coating is flammable. Keep away from flame, fire, or other sources of ignition. For more safety procedures, please refer to the AUTO PREP Materials Safety Data Sheet. **KEEP OUT OF REACH OF CHILDREN.**

Limitation of Liability: The information contained in this data sheet is based upon tests that we believe to be accurate and is intended for guidance only. All recommendations or suggestions relating to the use of the products made by Coatable, whether in technical documentation, or in response to a specific enquiry, or otherwise, are based on data which to the best of our knowledge is reliable. The products and information are designed for users having the requisite knowledge and industrial skills, and the end-user has the responsibility to determine the suitability of the product for its intended use. Coatable has no control over either the quality of condition of the substrate, or the many factors affecting the use and application of the product. Therefore, Coatable does not accept any liability arising from loss, injury, or damage resulting from such use or the contents of this data sheet (unless there are written agreements stating otherwise) information contained in this data sheet is subject to modification as a result of experience and continuous product development. This data sheet replaces and previous issues and the user has the responsibility to ensure that this sheet is current experience and continuous product development. This data sheet replaces and annuls all previous issues and the user has the responsibility to ensure that this sheet is current prior to using the product.



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SURFACE PREPARATION

All surfaces must be completely dry and free of loose rust, loose paint, visible moisture, dirt, mildew, oil, wax, chlorides, and any other contaminants that may affect adhesion or performance prior to applying AUTO PREP. Use a general degreaser if needed. Clean surface using simple green or a citrus cleaner to release dirt and degreaser residue. Power wash if possible @ 1500 psi, or scrub using heavy duty broom. If surface is contaminated with salts, use Chlor-Rid or equivalent as part of the power wash. AUTO PREP must be applied during proper temperatures listed below. Maximum surface temperature when applying is 180 F (82C). Minimum surface temperature when applying is 40F (5C). Maximum surface temperature after curing is 180F (82C).

Surface must be completely dry before applying.

1. Use general degreaser if needed.
2. Clean surface using Simple Green or a citrus cleaner to release dirt and degreaser residue.
3. Pressure-wash, if possible, @ 1500 psi. or scrub using heavy duty broom.
4. Salt contamination on a surface can come as a result of salt water, fertilizers, and car exhaust. Use Chlor-Rid or equivalent to decontaminate surface if salts are present. Acceptable levels: Nitrates: 5-10 mcg/cm², Sulfates: 5-10 mcg/cm², Chlorides: 3-5 mcg/cm²

MIXING INSTRUCTIONS

AUTO PREP should be mixed by hand for 30 seconds.

APPLICATION

AUTO PREP must be applied to dry surfaces as soon as possible after cleaning. It can be applied by conventional air spray, airless spray equipment, or pump sprayer. Do not brush or roll. Airless machines need to spray at a minimum rate of one gallon per minute using a .007-.009 reversible tip, or a solvent-ready hand-pumped sprayer can be used.

NOTE: Temperatures must always be a minimum of 5 degrees above the dew point during application.

CURE TIME

1. 60 minutes to tack free at 70°F (21°C)
2. Overcoat: 1 hour when 70°F (21°C) at 40% Relative Humidity

TEMPERATURE

1. Apply between 50°F. and 100°F.
2. Store between 40°F. and 100°F.

CLEANING EQUIPMENT

1. After completion, spray systems should be flushed and cleaned with MEK or other comparable solvents.
2. Store between 40°F. and 100°F.

RECOMMENDED SPREAD RATES

EPDM, PVC, TPO, MOD BIT – APPLY AUTO PREP @ 200 SQ.FT./GALLON (18.5 SQ.MTR./GAL.); 8 MILS (200 MICRONS) WET/1 MIL (25 MICRONS) DRY.

1. AUTO PREP is to be used on all single-ply membranes (EPDM, TPO, PVC, MOD BIT) prior to applying STOP HEAT.
2. No age threshold applies. Apply to ALL membranes regardless of age.
3. AUTO PREP is to be applied after repairs are made, and the roof has been cleaned using Simple Green (or comparable) and scrubbed with a stiff- bristled concrete broom.

SAFETY PRECAUTIONS

Do not use this product without first taking all appropriate safety measures to prevent property damage and injuries. These measures may include, without limitation: proper ventilation, use of proper lamps, wearing of protective clothing and masks, tenting, and proper separation of application areas. This coating is flammable. Keep away from fire, or other sources of ignition. For more specific safety procedures, please refer to the AUTO PREP SDS. **KEEP OUT OF REACH OF CHILDREN.**



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Safety Data Sheet (02.02.22)

SECTION 1: Identification of the substance

1.1 PRODUCT IDENTIFIER: RUST BASE: GHS PRODUCT IDENTIFIER: Global Harmonized System #3208.90.0000

1.2 PRODUCT USE: Industrial solvent used as a primer over TPO/plastic roofing

1.3 COATABLE LLC: 916 W. Burbank Blvd, Unit C-279, Burbank CA 91506

1.4 EMERGENCY TELEPHONE NUMBER: 800-424-9300; 202/483-7616

SECTION 2: Hazard identification

2.1 Classification of the substance: This products is a flammable, solvent-based coating and should be treated according to all known safety precautions.

2.2 Label elements: Signal Word: WARNING

Hazard Symbol



Hazard Statement: Flammable liquid and vapor. Harmful in contact with skin. May cause cancer. Causes eye irritation. May cause respiratory irritation or damage to organs through prolonged or repeated exposure. May be fatal if swallowed and enters airways. May cause allergic or asthmatic symptoms or breathing difficulties if inhaled.

SECTION 3: Hazardous ingredients

HAZARDOUS INGREDIENTS	%	CAS/PIN
Solvent naphtha petroleum	80	64742-94-5
Modified chlorinated polypropylene with maleic anhydride	11.5	68609-36-9
Xylene	8.0	1330-20-7
Chloroform	0.5	67-66-3

SECTION 4: First aid measures

4.1 Description of first aid measures

INHALATION: Remove to fresh air. Give oxygen if required. Seek medical help.

EYES: Flush w/water for at least 15 minutes; rest eyes for 30 minutes and see physician if redness, burning or swelling persists.

SKIN: Remove contaminated clothing; wash affected areas w/mild soap & water.

INGESTION: Do not induce vomiting. Give 1-2 glasses milk or water. Seek medical attention according to amount of product ingested.



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SECTION 5: Firefighting measures

SPECIFIC HAZARDS: Carbon monoxide may be evolved if incomplete combustion occurs. Will float and can be reignited on surface water. The vapour is heavier than air, spreads along the ground and distant ignition is possible.

AUTOIGNITION TEMP.: 449-510C.

FLASH POINT & METHOD: 62-65.6C

FLAMMABLE LIMITS: 0.6-7%

SENSITIVITY TO STATIC DISCHARGE? NAV

MECHANICAL IMPACT? NAV

SPECIAL PROCEDURES: Firefighters should wear full-body protection & SCBA

MEANS OF EXTINCTION: Foam, water spray or fog. Dry chemical powder carbon dioxide, sand or earth may be used for small fires only. Do not discharge extinguishing waters into the aquatic environment. Do not use water jet. Keep adjacent containers cool by spraying with water.

SECTION 6: Accidental Release Measures

Use kitty litter or similar absorbent to contain spill. Transfer by mechanical means to a labelled, sealable container for product recovery or safe disposal. Do not flush away residues with water; retain as contaminated waste. Use protective clothing; use non-sparking tools.

SECTION 7: Handling and Storage

STORAGE REQUIREMENTS: Storage temperature-ambient; keep away from flammables; avoid prolonged contact with natural, butyl or nitrile rubbers.

HANDLING PROCEDURES/EQUIPMENT: Ground all containers; use non-sparking tools and remove all ignition sources; avoid breathing vapors. Containers, even those that have been emptied, can contain explosive vapors. Do not cut, drill, grind, weld or perform similar operations on or near containers.

SECTION 8: Exposure Controls and Personal Protection

PERSONAL PROTECTIVE EQUIPMENT: To be worn when spraying or within contained areas--Half-face respirator w/organic vapor filter, safety glasses w/shields, PVA or nitrile chemical-resistant gloves, skin protection; for all other applications, good judgement should be used.

ENGINEERING CONTROLS: To spray, mechanical exhaust ventilation is required

SECTION 9: Physical and Chemical Properties

PHYSICAL STATE:	Liquid
SOLUBILITY IN WATER:	Insoluble
APPEARANCE AND ODOR:	Colorless, aromatic odor
pH	NAV
DENSITY	Typical 893 kg/m3 @ 15C
BOILING POINT:	179-214C.
SPECIFIC GRAVITY:	0.88-0.91 @ 20C
ODOR THRESHOLD:	NAV
COEFF. WATER/OIL:	NAV
EVAPORATION RATE:	<1.0
VOLATILES:	80%
VAPOUR PRESSURE:	<1.3 kPa @ 20C/68F



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SECTION 10: Stability and Reactivity

CHEMICAL INCOMPATIBILITY: Strong oxidizing agents

CONDITIONS OF INSTABILITY: Stable under normal conditions of use; avoid heat, sparks, open flames & other ignition sources

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition is highly dependent on conditions; a complex mixture of airborne solids, liquids and gases, including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.

SECTION 11: Toxicology Information

ACUTE ORAL TOXICITY: Low toxicity; aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal

ACUTE DERMAL TOXICITY: Low toxicity

ACUTE INHALATION TOXICITY: Low toxicity; high concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea

CARCINOGENICITY: Limited evidence--naphthalene

SKIN IRRITATION: Slight

REPRODUCTIVE: Causes foetotoxicity in animals

EYE IRRITATION: Moderately irritating to eyes (but insufficient to classify)

RESPIRATORY IRRITATION: Inhalation of vapours or mists may cause irritation to the respiratory system; insufficient to classify

SENSITISATION: Not a skin sensitiser

SECTION 12: Ecological Information

Air: 8.36 lbs./gallon

Water: Floats on water; expected to be readily biodegradable

Soil: Absorbs to soil and has low mobility

SECTION 13: Disposal Consideration

Dispose of as paint/aluminum waste according to local regulations.

SECTION 14: Transport Information

Listed materials under Superfund Amendments & Reauthorization Act of 1988 (SARA) 311, 312, 313

PREPARED BY: Coatable, LLC

DATE: 5/12/15