

# ULTRA-GUARD 5700 MASTIC

## HIGH SOLIDS ELASTOMERIC SILICONE MASTIC

**ULTRA-GUARD 5700 SILICONE MASTIC** is a high-solids, heat resistant, single-component, brush/trowel grade silicone mastic. Ultra-Guard 5700 Mastic can be used to seal around penetrations, reinforce seams and waterproof low areas, including drains and scuppers.

Ultra-Guard 5700 Mastic features exceptional adhesion, low temperature flexibility, high tensile, and outstanding UV resistance.

### RECOMMENDED USES

- Polyurethane Foam
- Roof Membranes
- BUR
- Metal

### PACKAGING

3.5 gallon pail

### COLOR

White

### TECHNICAL DATA

#### PHYSICAL PROPERTIES (BASED ON DRAW DOWN FILM)

Property	ASTM-Test Method	Value
Total Solids by Volume	ASTM D2697	94% ± 2
Total Solids by Weight	ASTM D1644	94% ± 2
Flash Point	ASTM D56	142°F
Elongation	ASTM D412	200%
Adhesion to SPF	ASTM C794	2.3 pli
Tensile Strength (Die C)	ASTM D412	300 psi
Tear Resistance Die C	ASTM D624	45 lbs/in
Impact Resistance	ASTM D2794	>160
Durometer Hardness: Shore A	ASTM D2240	7.9
Weathering QUV 5,000 hours	ASTM D822	No Degredation
Volatile Organic Compound	ASTM D2369-81	39.5 g/l (0.33 lbs/gal)

*The information contained herein is for purposes of identifying the product and does not constitute a warranty that the product will conform to that description. Product specifications and performance will vary depending on application methodologies, raw materials and other factors.*

### REQUIREMENTS

Ultra-Guard 5700 Mastic should only be applied by professional applicators. Consult General Coatings Manufacturing Corp. for specific application requirements and end uses.

### COVERAGE

Ultra-Guard 5700 Silicone Mastic approximate coverage is 25 square feet per gallon.

### APPLICATION

Ultra-Guard 5700 Silicone Mastic is applied by brush or trowel at thicknesses up to 1/4".

Ultra-Guard 5700 Silicone Mastic should be applied directly from the container without thinning.

## **JOB-SITE PROTECTION**

Overspray from Ultra-Guard 5700 Mastic can carry considerable distances and attention should be given to the following:

1. Post warning signs a minimum of 100 feet from the work area.
2. Cover all intake vents near the work area.
3. Minimize or exclude all personnel not directly involved with the spray application.
4. No welding, smoking or open flames.
5. Have CO<sub>2</sub> or other dry chemical fire extinguisher available at the jobsite.
6. Provide adequate ventilation.

## **PERSONAL PROTECTIVE EQUIPMENT**

Since the coatings are atomized into a very fine particle distribution during spray application, it is essential that maximum effort is made to protect the spray mechanic and others near the workplace from undue exposure.

## **SHELF LIFE AND STORAGE**

Ultra-Guard 5700 Silicone Mastic has a shelf life of one (1) year from date of manufacture in original, factory-sealed containers when stored indoors at a temperature between 32-100°F (0-38°C). Keep containers closed and store in a dry, cool place away from direct sunlight, heat, sparks, open flame, and moisture.

## **FREIGHT CLASSIFICATION**

Liquid Plastic Material - NOIBN

## **HEALTH AND SAFETY**

GCMC is committed to the health and safety of our customers. GCMC products shall only be installed by certified contractors. Applicators are required to follow all proper handling, safety and installation procedures. Safety Data Sheets (SDS) are available on this material. Any individual who may come in contact with these products should read and understand the SDS. Avoid breathing of vapor or spray mist. Care should be taken to exclude all personnel not directly involved with the spray application. Ultra-Guard 5700 HS should not be applied when the wind is of sufficient velocity to cause overspray of adjacent areas, buildings or people.

## **VAPOR INHALATION**

The best form of protection against organic solvents or potentially sensitizing vapors in the workplace is a fresh air supply. Numerous manufacturers, including the 3M Company and MSA, make full face fresh air masks. For maximum protection, we recommend use of NIOSH/MSHA approved self-contained breathing apparatus with a full-face piece operated in a positive pressure mode. In well-ventilated application conditions, the use of Type C organic vapor cartridge respirators is acceptable. Effects of overexposure to vapor are characterized by nasal and respiratory irritation, dizziness, nausea, headache, fatigue, possible unconsciousness or even asphyxiation.

Vapor inhalation problems are characterized by coughing, shortening of breath and tightness in the chest. Anyone exhibiting these types of symptoms should be immediately removed from the workplace and administered oxygen or fresh air. If the condition is prolonged or extreme, SUMMON EMERGENCY TRAINED MEDICAL ATTENTION IMMEDIATELY.

## **SKIN CONTACT**

To prevent excessive skin contact with the sprayed product, we recommend use of fabric coveralls and neoprene or other resistant gloves. Skin contact with liquid components can result in a rash or other irritation. Wash the affected skin area with water. Wipe residual liquid from the skin with a clean cloth, then wipe the affected area with 30% solution of rubbing alcohol. Follow the alcohol wipe with repeated washings with soap and water. If a rash or other irritation develops, see a physician.

## **EYE CONTACT**

Wear a full-face mask or OSHA-approved protective goggles. Eye Contact with liquid or sprayed components can result in corneal burns or abrasions. Upon exposure, eyes should be flushed with water for an extensive period. SUMMON EMERGENCY TRAINED MEDICAL ATTENTION IMMEDIATELY.

## **FLAMMABILITY**

Flash point is 142°F (61°C). Avoid open flame or spark sources. Avoid excessive heat. Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors or other ignition sources at locations distant from the material-handling point. Never use a welding or cutting torch on or near the drum. In case of fire, use CO<sub>2</sub>, steam, dry chemicals or water fog.

## **TECHNICAL SERVICES**

Additional information, such as brochures, technical assistance, roof energy evaluations, life cycle cost analysis, and other roof management services are also available from a General Coatings Manufacturing Corp. Technical Consultant.

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**LIMITED WARRANTY.** We warrant our Products to be free of manufacturing defects and to comply with the Product's current published physical properties when tested under controlled conditions. Our sole responsibility is limited to replacement of that portion of any Products found to be defective at the time of manufacture. There are no other warranties of any nature whatsoever, whether expressed or implied, including an express disclaimer of any warranty of merchantability or fitness for a particular purpose. Further, we disclaim any liability for damages of any type, however caused, including remote, consequential damages, or special damages resulting from any theory of liability, whether based on tort, negligence, or strict liability. We disclaim responsibility for any claims of intellectual property infringement through use of our Products in any manner. Where Products are used as a waterproofing membrane or floor coating, no warranty or guarantee is issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, abnormal wear and tear, or improper application by the applicator. Damage caused by abuse, neglect, lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded. In all instances and as a pre-condition to any available remedy, we reserve the right to conduct sample testing and performance analysis on any materials claimed to be defective, performed prior to any repairs being made by owner, general contractor, or applicator. Our limited warranty is void if repairs have been made or attempted, or if the claimed defect has been adulterated prior to our ability to conduct a formal investigative analysis.

**DISCLAIMER:** Please read all information in the general guidelines, technical data sheets, application guide and safety data sheets (SDS) before applying material. Products are for professional use only and should only be applied by professionals who have prior experience with our Products or have undergone specific training in their proper application. Published technical data and instructions are subject to change without notice. Contact your local representative or visit our website for current technical data and instructions. All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of these tests are not guaranteed and are not to be construed as a warranty, either expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with any product. It is the user's responsibility to satisfy himself, by his own information and tests, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his own use of the product. We do not suggest or guarantee that any hazards listed herein are the only ones that may exist. We are not liable to the purchaser, end-user, or any third party for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, our Products. Recommendations or statements, whether verbal or in writing, shall not be binding upon us unless in writing and signed by one of our authorized corporate officers. Technical and application information is provided for establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and we make no claim that these tests or any other tests, accurately represent all environments. We are not responsible for typographical errors. © General Coatings Manufacturing Corporation. All Rights Reserved. Revision ULTRA-GUARD 5700 MASTIC\_08172020EA