

# Material Safety Data Sheet

## SEALMARK RESTORATION COATING

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Sealmark Restoration Coating

**OTHER/GENERIC NAMES:** Acrylic Paint

**PRODUCT USE:** Waterproof Exterior Paint/ Coating

**MANUFACTURER:** Sealmark Corporation  
P.O. Box 91  
Donora, Pa. 15033

**EMERGENCY PHONE**  
724-379-4442

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT NAME</u>	<u>CASE NUMBER</u>
Water	773-18-5
Texanol	252265-77-4
Acrylic Copolymers	Proprietary
Tetrachloroisophthalonitrile (Biocide)	1897-45-6
Propylene Glycol Methyl Ether	107-98-2
Clay	67-63-0
Titanium Dioxide	13463-67-7
Calcium Carbonate	1317-65-3
Aluminum Silicate	1332-58-7

### 3. HAZARDS IDENTIFICATIONS

**EMERGENCY OVERVIEW:** May cause irritations to nose, eyes, and skin.

#### POTENTIAL HEALTH HAZARDS

**SKIN:** Can cause skin irritation.

**EYES:** Can cause eye irritation.

**INHALATION:** Can be irritating to nose and upper airway.

**INGESTION:** Ingestion may cause abdominal discomfort and diarrhea.

**DELAYED EFFECTS:** Persons with pre-existing central nervous system disease, skin disorders, or Chronic respiratory disease should avoid exposure to this product.

Ingredients found on one of the OSHA designated carcinogen lists are listed below.

<u>INGREDIENT NAME</u>	<u>NTP STATUS</u>	<u>IARC STATUS</u>	<u>OSHA LIST</u>
Tetrachloroisophthalonitrile (Biocide)	Positive	2B-possibly carcinogenic to humans	Not listed

### 4. FIRST AID MEASURES

**SKIN:** Remove contaminated clothing; thoroughly wash exposed area with soap and water. Do not use Solvents or thinners to remove from skin; product can be removed with waterless hand cleaners, and vegetable or mineral oil. If irritation persists seek medical attention.

**EYES:** Flush immediately with running water for 15 minutes, lifting upper and lower lids occasionally. Remove contact lenses.

**INHALATION:** Remove to fresh air.

**INGESTION:** If swallowed, give water or milk to drink and seek medical attention immediately. Do not induce vomiting. Consult medical personnel.

**ADVICE TO PHYSICIAN:** None

## 5. FIRE FIGHTING MEASURES

### FLAMMABLE PROPERTIES

<b>FLASH POINT:</b>	Not applicable – water based product
<b>FLASH POINT METHOD:</b>	Not applicable
<b>AUTOIGNITION TEMPERATURE:</b>	> 300 F
<b>UPPER FLAME LIMIT (volume % in air):</b>	Not applicable
<b>LOWER FLAME LIMIT (volume % in air):</b>	Not applicable
<b>FLAME PROPAGATION RATE (solids):</b>	Not applicable
<b>OSHA FLAMMABILITY CLASS:</b>	Not determined

**EXTINGUISHING MEDIA:** Extinguish with carbon dioxide, dry chemical, universal-type foam, water fog and water.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Not available

**SPECIAL FIRE PRECAUTIONS / INSTRUCTIONS:** Do not enter any enclosed or confined fire space without proper protective equipment, including self contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

**IN CASE OF SPILL OR OTHER RELEASE:** (Always wear recommended personal protective equipment.) This material may be toxic to aquatic organisms and should be kept out of sewage and drainage systems and all bodies of water. Keep people away. Recover free product; add sand, earth or other suitable absorbents. Minimize skin contact and breathing vapors. Ventilate confined spaces; open all windows and doors. Keep product out of sewers, water courses by diking or impounding. Conform with all applicable governmental regulations.

Spills and releases may have to be reported to **Federal and/ or local authorities. See Section 15 regarding reporting requirements.**

## 7. HANDLING AND STORAGE

**NORMAL HANDLING:** (Always wear personal protective equipment.) Keep containers tightly closed. Keep containers cool and dry. Use this product with adequate ventilation.

**STORAGE RECOMMENDATIONS:** Keep containers closed when not in use. Do not store near heat, sparks, flame, or strong oxidants. Keep product from freezing.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Ventilation should be adequate to maintain vapor and particulate levels below applicable exposure limits.

### PERSONAL PROTECTIVE EQUIPMENT

**SKIN PROTECTION:** Use chemical resistant gloves, if needed, to avoid prolonged and repeated skin contact. Use chemical resistant apron or other impervious clothing, if needed to avoid contaminating regular clothing which could result in prolonged or repeated skin contact.

**EYE PROTECTION:** Use splash goggles or face shield when eye contact may occur.

**RESPIRATORY PROTECTION:** Use NIOSH / MSHA approved respirator when spraying product or when TLV may be exceeded.

**ADDITIONAL RECOMMENDATIONS:** Minimize breathing vapor or mist. Avoid prolonged or repeated contact with skin. Remove contaminated clothing; launder before reuse. Remove contaminated shoes and thoroughly clean and dry before reuse. Cleanse skin thoroughly after contact, before breaks and meals, and at end of work period. Product is readily removed with waterless hand cleaners followed by washing with soap and water.

#### EXPOSURE GUIDELINES

INGREDIENT NAME	ACGIH YLV	OSHA PEL
Paint film preservative	0.5 mg/m <sup>3</sup>	none

**OTHER EXPOSURE LIMITS FOR POTENTIAL DECOMPOSITION PRODUCTS:** None.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE:</b>	Off white color
<b>PHYSICAL STATE:</b>	Thick liquid
<b>ODOR:</b>	Sweet acrylic odor
<b>SPECIFIC GRAVITY:</b>	approx. 1.0
<b>SOLUBILITY IN WATER:</b>	Soluble
<b>ph:</b>	8. to 9
<b>BOILING POINT:</b>	212 F
<b>VAPOR PRESSURE:</b>	Not determined
<b>VAPOR DENSITY:</b>	Not determined
<b>EVAPORATION RATE:</b>	Not determined
<b>% VOLATILES:</b>	45g/L
<b>FLASH POINT:</b>	Not applicable

#### 10. STABILITY AND REACTIVITY

**NORMALLY STABLE? (CONDITIONS TO AVOID):** Stable

**INCOMPATIBILITIES:** Avoid contact with strong oxidizing agents.

**HAZARDOUS POLYMERIZATION:** Will not occur.

#### 11. TOXICOLOGICAL INFORMATION

##### **IMMEDIATE (ACUTE) EFFECTS:**

Biocide: Oral LD50 – rat 1620 mg/kg  
Dermal LD50 – rabbit > 2000 mg/kg

Acrylic: Oral LD50 – rat 2000 mg/kg  
Dermal LD50 – rat 2000 mg/kg

##### **DELAYED (SUBCHRONIC AND CHRONIC) EFFECTS:**

Biocide: Carcinogenic in 2- year rat feeding study at time weighed average doses of 5063 ppm and 10,126 ppm

**OTHER DATA:** Positive in in-vitro mammalian genetic assays.

#### 12. ECOLOGICAL INFORMATION

This Material may be toxic to aquatic organisms and should be kept out of sewage and drainage systems and all bodies of water.

#### 13. DISPOSAL CONSIDERATIONS

##### RCRA

**Is the unused product a RCRA hazardous waste if discarded?** Below levels that require reporting.

**OTHER DISPOSAL CONSIDERATIONS:** Dispose in compliance with state and local regulations.

This information offered here is for the product as shipped. Use and/ or alterations to the product such as mixing with other materials may significantly change the characteristics of the material and alter the RCRA classification and the proper disposal method.

#### 14. TRANSPORT INFORMATION

US DOT HAZARD CLASS: Not applicable

US DOT ID NUMBER: Not applicable

15. REGULATORY INFORMATION

**TOXIC SUBSTANCE CONTROL ACT (TSCA)**

TSCA INVENTORY STATUS: Ingredients are listed on the TSCA Inventory.

OTHER TSCA ISSUES: None

**SARA TITLE III/CERCLA**

"Reportable Quantities" (RQs) and/or "Threshold Planning Quantities" (TPQs) exist for the following ingredients.

<u>INGREDIENT NAME</u>	<u>SARA/ CERCLA RQ (lb)</u>	<u>SARA EHS TPQ (lb)</u>
No ingredient listed in this section		

Spills or releases resulting in the loss of any ingredient at or above its RQ requires immediate notification to the National Response Center (800-424-8802) and your local Emergency Planning Committee.

SECTION 311 HAZARD CLASS: None

SARA 313 TOXIC CHEMICALS: Below levels that require reporting.

**STATE RIGHT TO KNOW**

In addition to the ingredients found in Section 2, the following are listed for state right-to-know purposes

<u>INGREDIENT NAME</u>
No ingredient listed in this section.

**ADDITIONAL REGULATORY INFORMATION:** This product contains chemicals known to the State of California to cause cancer, birth defects, and/or other reproductive harm.  
Tetrachloroisophthalonitrile 13463-67-7

WHMIS CLASSIFICATION (CANADA): Not determined

FOREIGN INVENTORY STATUS: Not determined

16. OTHER INFORMATION

CURRENT ISSUE DATE: December, 2002

OTHER INFORMATION: **Hazardous Materials Identification System:** (HMIS RATING)  
Health-1 Flamibility-0 Reactivity-0

Hazard Ranking: 0-Least 1-Slight 2-Moderate 3-High 4- Extreme

**DISCLAIMER:**

The information in this MSDS was obtained from sources we believe are reliable. However, the information is provided without any representation or warranty, expressed or applied, regarding its accuracy or completeness.

The conditions of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product.

Disposal of containers should be in accordance with applicable federal, state, and local laws and regulations.



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## Technical Service Report

Sealmark Mfg. Inc.

Tony Cupec

480 Galiffa Dr. PO Box 91  
 Donora PA 15033

Ph: 724-379-4442 Fax: 724-379-8457

Project #: PX28B1A  
 Quote #: 2011-120  
 Date: 2/28/2011  
 PO#: 1000-22311

**Abstract:**

Analysis of one coating for Solar Reflectance per ASTM C1549 and Thermal Emittance per ASTM C1371.

MTI#	Description of Material	Receiving Date
MTI-110139	One panel of Sealmark #1000 Roof Coat	2/25/2011

Test	ASTM	Requirement	Result	Conclusion
Solar Reflectance	C 1549	N/A	94.7%	N/A
Thermal Emittance	C 1371	N/A	0.82	N/A

**Conclusion:**

Tested By:

*Janna Pearson*  
 Janna Pearson

Laboratory Technician

Reviewed By

*Cindy Campbell*  
 Cindy Campbell

Laboratory Manager

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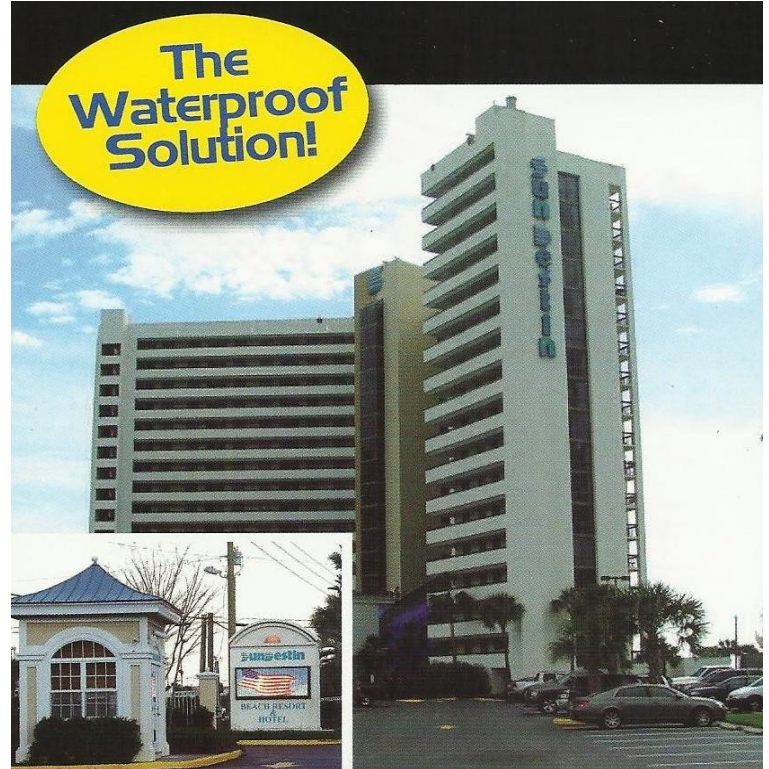


# RESTORATION COATING

By:  **Sealmark**  
Supply

## FOR COMMERCIAL, INDUSTRIAL, AND RESIDENTIAL USE

Restoration coating is far superior to other elastomeric products and paint solutions. This space-age, specially formulated, rubber/acrylic compound helps to eliminate air flow through exterior walls acting as a thermal barrier to provide greater energy efficiency. Restoration Coating can be applied to virtually any surface from existing stucco to glazed brick, rubber, cured concrete, wood, metals or other structurally stable or painted substrates. Over 500 colors available. The Superior properties allow Restoration Coating to adhere and maintain surface integrity allowing it to handle the stresses of subtle building movement and temperature changes.



 **Sealmark**  
sealmarksupply@gmail.com *Supply*



# Sealmark

## RESTORATION COATING

### FORMULATED FOR THE GREEN REVOLUTION !

#### NO TOXIC MATERIALS



Sealmark Coatings are VOC-Compliant, meeting all government standards. It is environmentally safe in both suspension and cured state, water soluble prior to curing and will not support combustion. (ASTM-E-108)

#### RESISTS MOLD OR MILDEW



When tested against fungal resistance in ASTM- D03273-73T (tropical chamber exposure). Results proved extremely resistant to mold and mildew.

### UNMATCHED PROTECTION FROM THE OLD PROBLEMS !

#### RESISTS CRACKS



The ability of Sealmark technology allows for a minimum of 200% elongation (ASTM-D-412) and passes the ICBO SPEC for severe freeze/thaw cycles. No cracks, no water migration.

#### NO SERIOUS COLOR FADING



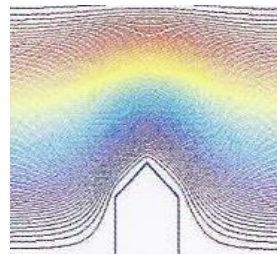
UV rays are the single most damaging element attacking exterior surfaces. Our thermospheres are encapsulated into the coating helping the coating to be less prone to fading.

#### NO PEELING / DISBONDING



Sealmark is specially formulated to protect exterior walls against damaging UV rays and environmental exposure, helping to guard against surface breaks resulting in chipping and flaking.

#### NO AIR LEAKS



Sealmark is proven to reduce heating and cooling energy loss. By reducing air flow through exterior walls Sealmark not only reduces energy cost but saves costly future repairs from moisture damage.



# Sealmark

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