

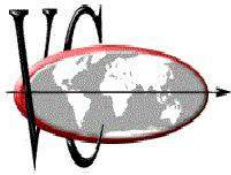


Stars Management DMCC

SUBMITTAL

WC-5 FR

**(Vinyl Acrylic Fire Retardant
Weather Barrier Mastic)**



VINYL ACRYLIC FIRE RETARDANT WEATHER BARRIER MASTIC

WC-5 FR is a special version of our standard WC-5 weather barrier mastic which has been formulated to provide maximum resistance to flame spread. WC-5 FR should be used in hazardous areas where protection against the spread of fire is a significant concern.

WC-5 FR is a heavy-bodied, water-based, vinyl-acrylic, breathing type mastic coating which can be used over all types of thermal insulation to provide excellent protection against weather, other moisture sources, and mechanical damage. WC-5 FR is also resistant to oil, grease, and mild alkalis.

WC-5 FR has a recommended dried film thickness of 1/16th inch, and it can be applied by brush, spray, palm or trowel (method of applications should be specified when ordering).

WC-5 FR must be protected from freezing during storage. It must be protected during and after application, from precipitation, freezing, oil, grease, and foot traffic until thoroughly cured.

WC-5 FR CONTAINS NO ASBESTOS, LEAD OR MERCURY COMPOUNDS.

CAUTION

The addition of water or any thinning agent to this product will change its physical properties and will adversely affect its performance. No expressed or implied warranty will be offered on applications where this product has been thinned or altered in any manner.

In accordance with OSHA Standard 29 CFR 1910.12 (Right to Know Law) a Material Safety Data Sheet is available for the product and all Vimasco products.

ALL VIMASCO PRODUCTS ARE ASBESTOS FREE AND CONTAIN NO LEAD OR MERCURY COMPOUNDS.

Vimasco products are designed to meet the needs of specific situations. They are warranted to be effective for their intended uses only. No further warranties are expressed or implied.

The methods and condition of application over which we can exercise no control are important factors in the performance of our products. We make specific recommendations for the application and use of all Vimasco products, but we cannot enforce our recommendations upon users; therefore, it is necessary that we state, as a condition of sale of our products, that we will replace or refund the purchase price of any Vimasco product found by our laboratories to be defective, but that we assume no responsibility beyond the purchase price of the materials. No representative of our company, distributor or agent has any authority to change or extend this condition of sale.

COLOR

White, E2 Gray, Black
(Special colors available upon request)

COVERAGE (ASTM C 461)

13sq. ft./gal. @ 1/16" dry (63 mils.)
(.32 m²/liter @ 1.6 mm)
20 sq ft/gal @ 40 mils dry thickness
(.5 m²/liter @ 1.0 mm)

DRYING TIME (ASTM D 1640-69)

To touch: 2 hours
Through: 24 to 48 hours
(depending upon temperature, relative humidity and substrate)

WEIGHT PER U.S. GALLON (ASTM D 1475)

10.1 pounds (1.21 kg/liter)

SOLIDS

60% by weight
51% ± 2% by volume

APPLICATION TEMPERATURE RANGE

40°F (4°C) to 120°F (49°C)

SERVICE TEMPERATURE RANGE

0°F to 180°F constant
(-17.8°C to 82.2°C)
-20°F to 200°F intermittent
(-29°C to 93°C)

FLAME SPREAD INFORMATION

ASTM E 162: 5
@ 1/16" dry film (1.59 mm)

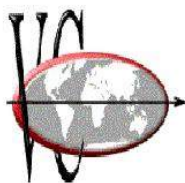
VOC (Volatile Organic Content, less water) (ASTM D 3960)

0 g/L

MEETS REQUIREMENTS FOR LEED CREDIT 4.2

CLEANUP

Wet state - water
Dry state - safety solvent



VIMASCO CORPORATION

S D S SAFETY DATA SHEET — 16 Sections

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier WC-5 FR		February 13, 2015	
Product Use Vinyl Mastic Weather Barrier			
Manufacturer's Name Vimasco Corporation		Supplier's Name	
Street Address		Street Address	
City	State:	City	
Postal Code	Emergency Phone	Postal Code	Emergency Telephone
Prepared by:	Phone Number		

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients (<i>specific</i>)	%	CAS Number	LD ₅₀ of Ingredient (<i>specify species and route</i>)	LC ₅₀ of
Triaryl Phosphate, Isopropylated	<5	68937-4-7, 115-86-6	Not established	17.5mmHG 70°F
Chlorinated Paraffin	<5	58410-99-1, 68527-02-6	Not established	Not available

SECTION 3 — HAZARDS IDENTIFICATION

Primary Routes of Entry: Dermal or inhalation

Chlorinated Paraffin: Under normal use, considered nontoxic by any route of exposure. Chronic exposure would suggest a slight hazard with the liver being the probable target organ.

Product Identifier - WC-5 FR, Vimasco Corporation

SECTION 4 — FIRST AID MEASURES

Skin: Wash with soap and water

Eyes: Flush with clean water at least 15 minutes, if irritation persists, consult physician.

Inhalation: Remove to fresh air. If breathing is difficult, administer oxygen. If irritation persists, consult physician

Ingestion: Give two glasses of water, induce vomiting, consult physician or poison control center. Never give anything by mouth to an unconscious person.

SECTION 5 — FIRE FIGHTING MEASURES

Flammable No	If yes, under which conditions?	
Means of Extinction: Foam, Alcohol Foam, CO ₂ , Dry Chemical, Water Fog		
Flashpoint: No flash to boiling 212°F (TCC)	Upper Flammable Limit (% by volume)	Lower Flammable Limit (% by volume)
Autoignition Temperature (°C)	Explosion Data: None known	Explosion Data — Sensitivity to Static Discharge
Hazardous Combustion Products : None known		
Product will not burn until water has boiled or evaporated. For dried film or residual solids, full protective equipment is recommended, including self-contained breathing apparatus		

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Spills should be collected for disposal; eliminate all ignition sources. Prevent material from entering drains, sewers and waterways. Spills may be slippery. Before drying product may be washed away with water; after drying, remove with a paint scraper or strong solvent.

SECTION 7 — HANDLING AND STORAGE

Thoroughly cleanse hands after handling. Launder contaminated clothing before reuse.

Protect from freezing.

Do not use empty containers for potables or edibles.

Store indoors at temperatures of 40°F to 90°F. Do not store at elevated temperatures, as containers could pressurize and rupture

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SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure limits: Not available

In restricted ventilation areas, use approved chemical respirator, avoid inhalation of airborne particulates by using an approved respirator. General (mechanical) room ventilation is expected to be satisfactory. Supplementary local exhaust and respiratory protection may be needed in poorly ventilated spaces, or evaporation from large surfaces when spraying.

Personal Protection: Impervious gloves, goggles, face shield or other eyewear to protect from splash. Thoroughly cleanses hands after handling. Launder contaminated clothing before reuse.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Paste consistency	Odor : Mild latex odor	Wt/Gal: 10.2 lbs.
Specific Gravity: 1.23	Vapor Density (air = 1): Lighter than air	Viscosity: Approx. 100,000 cps (spray grade); approx 200,000 (trowel grade)
Evaporation Rate: Slower than ether	Boiling Point : 212°F to 216°F	Freezing Point : 32°F (0°C)
pH 8.0 to 9.0	VOC (lbs/gal): 0	Volatile Volume: 50% (water)

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability: Stable

Avoid materials that are incompatible with water.

Thermal decomposition will yield CO, CO₂, HPO_x, HCl, and short-chain hydrocarbons ; Thermal Decomposition Temp: 240°F (115°C)

SECTION 11 — TOXICOLOGICAL INFORMATION

Not available

SECTION 12 — ECOLOGICAL INFORMATION

Not available

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SECTION 13 — DISPOSAL CONSIDERATIONS

Dispose of in accordance with all applicable regulations. Review hazard section of this sheet before attempting cleanup. Major spills should be collected for disposal. Minor spills may be flushed to sewer if regulations permit. Before drying product may be washed away with water; after drying, remove with a paint scraper, or strong solvent.

Empty containers are non hazardous under RCRA as industrial waste.

SECTION 14 — TRANSPORT INFORMATION

Not regulated.

SECTION 15 — REGULATORY INFORMATION

None

SECTION 16 — OTHER INFORMATION

For industry/professional use only. Not intended for retail sale or use by individual consumers.

HMIS Hazard Rating

Health: 1 Flammability: 0 Physical Hazard: 0

NFPA

Health: 1 Flammability: 0 Reactivity: 0