



Stars Management DMCC

SUBMITTAL

WC-7

**(Condensation Control
Cork-Filled Mastic)**



VIMASCO
CORPORATION

**WC-7
Type C**

CONDENSATION CONTROL CORK-FILLED MASTIC

WC-7 Type C is a cork-filled mastic which retards unwanted moisture condensation on moderately cold surfaces. It is specially formulated for a high degree of cost effectiveness and ease of application. WC-7 Type C will effectively retard condensation on tanks, piping or equipment operating at a temperature below the dew point of the ambient air.

WC-1 Type C is suitable for application by trowel or spray. Surfaces to which WC-7 Type C is to be applied MUST be clean from oil or other contaminants. Carbon steel must be primed with a primer approved by Vimasco (Such as Amerlock 400 from Ameron Protective Coatings) prior to application of WC-7 Type C.

After proper application and complete curing, WC-7 Type C provides excellent corrosion protection, condensation control and sound deadening properties.

It is recommended that up to 4 applications of WC-7 Type C be used to obtain the specified dried thickness (depending on the desired thickness and the application conditions). Each coat should be allowed approximately 24 hours drying time (depending upon ambient conditions) before applying more material over it.

WC-7 Type C is a water-based product so it poses no health or flammability hazards on the job site.

WC-7 Type C should not be applied where it will be exposed to continual standing or running water as this will eventually soften and degrade the coating.

COLOR

E2 Gray, Black
(Special colors available upon request)

COVERAGE (ASTM C 461)

4 sq. ft/gal @ 1/4" dry thickness
(.11 m²/liter) @ (6.35 mm)

DRYING TIME (ASTM D 1640-69)

To touch: 2 hours
Through: 72 – 120 hours
Must have minimum of 24 hours drying time between applications.

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

7.2 pounds (.86 kg/liter)

SOLIDS

61% by weight
63 ± 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 when cured)

WET FLAMMABILITY INFORMATION

No flash to boiling (212°F) closed cup (ASTM D 93)

CLEANUP

Wet state - water
Dry state - safety solvent

THERMAL CONDUCTIVITY (ASTM C 518 70)

160 btu-in/hr-ft²-°F

VOLATILE ORGANIC COMPOUND CONTENT (VOC)

ASTM D 3960
37gm/L, meets requirements for LEED IEQ 4.2 low emitting material

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.

WC-7 Type C must be protected, during and after application, from precipitation, freezing, oil, grease and foot traffic UNTIL IT IS THOROUGHLY CURED. It must be protected from freezing at all times prior to application during storage and shipment.

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

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.

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.



VIMASCO CORPORATION

S D S SAFETY DATA SHEET — 16 Sections

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier WC-7 Type C		February 12, 2015	
Product Use Cork-Filled Vinyl Acrylic 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 Ingredient (<i>specify species</i>)
Dipropylene Glycol Dibenzoate	3 – 4	20109-39-1	Not established	2.29 x 10 ⁻⁷ mmHg 77°F

SECTION 3 — HAZARDS IDENTIFICATION

Primary Routes of Entry: Dermal or inhalation

Dipropylene Glycol Dibenzoate: Mild irritation to eyes, skin and nasal passages.

LD₅₀(oral) 2,500 mg/kg RAT LD₅₀ (dermal) 2,500 mg/kg Rabbit LD₅₀ (inhalation) 200 mg/l (4 hr.) RAT

Medical Conditions Prone to Aggravation by Exposure: None known

Product Identifier - WC-7 Type C, 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

Product Identifier: WC-7 Type C, Vimasco Corporation

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: 7.8 lbs.
Specific Gravity: 1.26	Vapor Density (air = 1): Lighter than air	Viscosity: Approx. 80,000 cps (spray grade);
Evaporation Rate: Slower than ether	Boiling Point : 212°F	Freezing Point : 32°F (0°C)
pH 8.0 to 9.0	VOC (lbs/gal): 37 gm/L; (0.31 lbs/gal)	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.

Decomposition Temperature: Approximately 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