



Stars Management DMCC

SUBMITTAL

713

**LAGGING ADHESIVE
AND COATING**



Vimasco Corporation

713
713-R

LAGGING ADHESIVE AND COATING

713-R is a high-quality, fire-resistant lagging adhesive and coating to be used over moderate temperature insulation systems. 713-R has a full bodied consistency which minimizes sagging and dripping during application and has excellent brushability.

713-R is normally used in conjunction with lagging cloth to secure and seal pipe insulation (or similar types of insulation). When dry, it provides a tight moisture resistant bond between cloth and insulation, and a surface which is resistant to mild alkalis, asphalt, acids and salts.

713-R CONTAINS NO ASBESTOS, LEAD, MERCURY OR MERCURY COMPOUNDS.

713-R may be applied by brush, spray or roller; when cured, it presents a washable and repaintable surface. Palm grade is available upon request.

713-R, until thoroughly cured, must be protected during and after application from: precipitation, freezing, oil, grease and foot traffic.

NOTE:

Do not thin.

Protect from freezing.

Can be supplied to meet MIL-DTL-24244D(SH) & NRC 1.36.

U.S. Coast Guard Approval No. 164.112/138/0. approved for use under IMO requirements.

Complies with: MIL-A-3316C and latest amendment, Class 1, Grade A & B (QPL listed)

Test reports showing specification compliance are available on each production batch of 713-R.

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.

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 - Grade A; Red - Grade B

COVERAGE (ASTM C 461)

43 sq ft/gal @ .015 inch dry (1.03 m²/liter @ .38mm)

DRYING TIME (ASTM D 1640-69)

To touch: 2 hours; Through: 12 to 48 hours
(Depending upon temperature and relative humidity.)

WEIGHT PER U.S. GALLON (ASTM D 1475-60)

11.2 pounds (1.34 kg/liter)

SOLIDS:

55% by weight 41% ± 2% by volume

SERVICE TEMPERATURE RANGE

20°F to 180°F (-7°C to 82°C)

VOLATILE ORGANIC COMPOUND CONTENT (VOC)

0 g/L (0 lb/gal)

MEETS REQUIREMENT FOR LEED CREDIT 4.1

APPLICATION TEMPERATURE RANGE

40°F to 120°F (4°C to 49°C)

CLEANUP

Wet State: water; Dry state: safety solvent

RECOMMENDED SHELF LIFE

18 months in unopened container

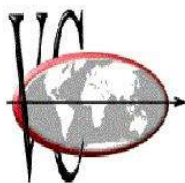
@ 40°F (4°C) to 90°F (32°C)

WET FLAMMABILITY INFORMATION

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

UNDERWRITER LABORATORIES, INC.[®] SURFACE BURNING CHARACTERISTICS (ASTM E 84-77a) @51 sq.ft.gal. (.013) inch dry

Flame Spread	0
Fuel Contributed	0
Smoke Developed	15



VIMASCO CORPORATION

MATERIAL SAFETY DATA SHEET — 16 Sections

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier 713 and 713-R White & Red		February 21, 2014	
Product Use Lagging Adhesive & Coating			
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
Chlorinated Paraffin	3.5 – 4.2	63449-39-8 85535-85-9	Not available	Not available

SECTION 3 — HAZARDS IDENTIFICATION

Primary Routes of Entry: Dermal or inhalation

Eye: May be an irritant; **Skin:** Prolonged contact may cause irritation dermatitis;

Ingestion: No information assumed to cause gastro irritation. Low toxicity;

Inhalation: May cause irritation to the respiratory tracts. Overexposure could cause headache, nausea, fatigue.

Product Identifier - 713 and 713-R, 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. 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

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.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Viscous, paste	Odor : Mild latex odor	Wt/Gal: 11 lbs.
Specific Gravity: 1.31	Vapor Density (air = 1): Lighter than air	Viscosity: Approx. 75,000 cps
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 gm/L; 0 lbs/gal (less water)	Volatile Volume: 58%

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability: Stable

Avoid materials that are incompatible with water and oxidizers.

Thermal decomposition will yield CO, CO₂, HPO_x, HCL and fragmented short-chain hydrocarbons.

Decomposition Temp: Approx. 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. Spills may be slippery. 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