SUBMITTAL

714

LAGGING ADHESIVE AND COATING

VIMASCO CORPORATION

714

LAGGING ADHESIVE AND COATING

714 is a high-quality, fire-resistant lagging adhesive and coating to be used over moderate temperature insulation systems. 714 has a full bodied consistency which minimizes sagging and dripping during application and has excellent brushability.

714 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.

714 CONTAINS NO ASBESTOS, LEAD, MERCURY OR MERCURY COMPOUNDS.

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

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

714 meets the following qualifications:
Complies with MIL-A-3316C, Class 1; QPL Listed
Passes Electric Boat 4013 Fire Test
Can be supplied to meet MIL-DTL-24244D(SH) & NRC 1.36

NOTE:
Do not thin.
Protect from freezing.

COLOR:
White

COVERAGE (ASTM C 461)
60 sq ft/gal @ .015 inch dry
(1.47 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)
11.4 pounds (1.36 kg/liter)

SOLIDS:
65% by weight
55% ± 2% by volume

SERVICE TEMPERATURE RANGE
20°F to 180°F
(-7°C to 82°C)

APPLICATION TEMPERATURE RANGE
40°F to 120°F; (4°C to 49°C)

CLEANUP
Wet State: water
Dry state: safety solvent

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

VOC (Volatile Organic Content, less water) (ASTM D 3960)
26 g/L
MEETS REQUIREMENTS FOR LEED CREDIT 4.1

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 CORPORATION

MATERIAL SAFETY DATA SHEET — 16 Sections

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier 714 & 714 NG			October 14, 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 *(specific)*	%	CAS Number	LD_{50} of Ingredient *(specify species and route)*	LC_{50} of
Hexylene Glycol	<0.8	107-41-5	LD50(rat) 21800-4700 (oral)	N/A

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.

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: 11.4 lbs.
Specific Gravity: 1.37	Vapor Density (air = 1): Lighter than air	Viscosity: Approx. 75,000 cps
Evaporation Rate: Slower than ether	Boiling Point : 212^{o}F to 216^{o}F	Freezing Point : 32^{o}F (0^{o})C
pH 8.0 to 9.0	VOC (lbs/gal): 26 gm/L; 0.22 lbs/gal (less water)	Volatile Volume: 45%

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability: Stable

Avoid materials that are incompatible with water and oxidizers.

Thermal decomposition will yield CO, CO_2, and fragmented short-chain hydrocarbons.

Decomposition Temp: Approx. 240^{o}F (115^{o}C)

SECTION 11 — TOXICOLOGICAL INFORMATION

Not available

SECTION 12 — ECOLOGICAL INFORMATION

Not available

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 Instability: 0