PRODUCT: Vimasco Cable Coating No. 1-A

Allegheny Power System

| DATE ISSUED |
| --- |
| June 7, 1977 |
| ISSUED BY |
| Vimasco Corp. |

PLAINTIFF'S EXHIBIT VIM-8

# CHEMICAL SAFETY DATA

## I PRODUCT IDENTIFICATION

| | |
| --- | --- |
| MANUFACTURER'S NAME Vimasco Corporation | REGULAR TELEPHONE NO. (304) 755-3328<br>EMERGENCY TELEPHONE NO. (304) 342-8495 |
| ADDRESS Plant Road, P. O. Box 516, Nitro, W. Va. 25143 | |
| TRADE NAME Vimasco Cable Coating No. 1-A | |
| SYNONYMS Water-dispersed vinyl-acetate/dibutyl-maleate emulsion with selected binders, fillers, and fire-retardant ingredients | |

## II HAZARDOUS INGREDIENTS

| MATERIAL OR COMPONENT | Wet % by weight | *HAZARD DATA* |
| --- | --- | --- |
| Asbestos, chrysotile | Less than 5% | Acute local: Irritant 1<br>Inhalation 2 |
| | | Acute systemic: 0 |
| | | Chronic local: Inhalation 3 |
| | | Chronic systemic: U<br>TLV: 5 mppcf |
| Antimony oxide | Less than 5% | TLV: 0.5 mg/m$^3$ |
| Silica | 9% | TLV: 20 mppcf |

* NOTE: These ingredients present no known hazard in either the wet or cured product; they are thoroughly dispersed and encapsulated in the finished product.

## III PHYSICAL DATA FOR WET PRODUCT AS SHIPPED

| | | | |
| --- | --- | --- | --- |
| BOILING POINT, 760 MM HG | 212°F | MELTING POINT | N/A |
| SPECIFIC GRAVITY ($H_2O$=1) | 1.3 | VAPOR PRESSURE | N/A |
| VAPOR DENSITY (AIR=1) | N/A | SOLUBILITY IN $H_2O$, % BY WT. | Water-dispersible |
| % VOLATILES BY VOL. | 42% | EVAPORATION RATE (BUTYL ACETATE=1) | N/A |
| APPEARANCE AND ODOR | Moderate-viscosity mastic consistency, color gray or as selected; mild odor of polyvinyl-acetate latex | | |

FORM C 23-038

## IV FIRE AND EXPLOSION DATA FOR WET PRODUCT AS SHIPPED

| | | | | | |
|---|---|---|---|---|---|
| FLASH POINT (TEST METHOD) | N/A | | AUTOIGNITION TEMPERATURE | N/A | |
| FLAMMABLE LIMITS IN AIR, % BY VOL. | | LOWER | N/A | UPPER | N/A |
| EXTINGUISHING MEDIA | N/A | | | | |
| SPECIAL FIRE FIGHTING PROCEDURES | N/A | | | | |
| UNUSUAL FIRE AND EXPLOSION HAZARD | N/A | | | | |

## V HEALTH HAZARD INFORMATION

HEALTH HAZARD DATA: No known health hazard in wet or dry state

ROUTES OF EXPOSURE

- INHALATION: Never experienced
- SKIN CONTACT: Non-toxic
- SKIN ABSORPTION: Not known to occur
- EYE CONTACT: Primary irritation
- INGESTION: Never experienced

EFFECTS OF OVEREXPOSURE

- ACUTE OVEREXPOSURE: No known effects
- CHRONIC OVEREXPOSURE: No known effects

EMERGENCY AND FIRST AID PROCEDURES

- EYES: Flush immediately with large amounts of clean water
- SKIN: Wash with soap and water
- INHALATION: No known hazard
- INGESTION: Induce vomiting; flush with large amounts of clean water

NOTES TO PHYSICIAN: This is a water-dispersed, latex-based, pigmented, moderate-viscosity mastic material, which cures to a flexible film. It is for industry/professional use only. As formulated and shipped, it has no known toxicity either wet or dry.

VI REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY

None known

INCOMPATIBILITY

None known

HAZARDOUS DECOMPOSITION PRODUCTS Small amounts of HCl gas can be released when the cured film is exposed to fire under certain conditions. Since this is a fire-retardant coating, the net amount of toxic products of combustion released during a fire would normally be less than what would have been released from uncoated cables if the coating had not been used. Under no known circumstances of normal use will the coating result in a significant addition of toxic products of fire conditions.

CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION

Hazardous polymerization is not known to occur under any conditions.

## VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED Clean up with water or rags before the material cures.

NEUTRALIZING CHEMICALS N/A

WASTE DISPOSAL METHOD Follow federal, state, and local regulations for disposal of water-borne latex products.

## VIII SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS During application and curing, ventilate area as well as possible.

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY (SPECIFY IN DETAIL) Material is non-toxic. Under normal conditions of use, no respiratory equipment is required.

EYE Use goggles during spray application.

GLOVES Use normal work gloves.

OTHER CLOTHING AND EQUIPMENT Use same safety precautions you normally follow for water-dispersed, latex-based products.

## IX SPECIAL PRECAUTIONS

**PRECAUTIONARY STATEMENTS**

For industry/professional use only.
Product should not be ingested and should be kept out of the reach of children.
Follow normal precautions for storing and applying water-dispersed, latex-based products.

**OTHER HANDLING AND STORAGE REQUIREMENTS**

Protect from freezing and boiling (water-dispersed material).
Ideal storage temperature is 60-80°F. Do not store below 40°F.

PREPARED BY: Vimasco Corporation

DATE June 7, 1977

ADDRESS: Plant Road, P. O. Box 516, Nitro, W. Va. 25143

# INSTRUCTIONS FOR PREPARING THE CHEMICAL SAFETY DATA SHEET

## General Information

All sections of the Chemical Safety Data Sheet may not be applicable. When this is the case, the words "not applicable" shall be written in that section. However, Part V, Health Hazard Data, and Part VIII, Special Protection Information, shall be completed.

When a temperature is requested, it shall be listed in degrees Fahrenheit with degrees centrigrade in parentheses, e.g.,°F (°C).

## Part I - Product Identification

The manufacturer's name listed should be a source of detailed backup information on the hazards of the product.

## Part II - Hazardous Ingredients

... of volume may be listed as a range or maximum amount, e.g., 10-40% ... or 10% maximum weight.

Hazard data shall be: (1) Stated in terms of concentration, mode of exposure or test, and animal used, e.g., 74 ppm LC man, or,

(2) Permissible exposure from 29 CFR 1910.93.

## Part III - Physical Data

The information in this section shall apply to the total mixture.

## Part IV - Fire and Explosion Data

This section shall contain complete fire and explosion data for the product. If the product presents no fire hazard, write "no fire hazard" on the line labeled "extinguishing media."

## Part V - Health Hazard Information

Health hazard data should be a combined estimate of the hazard of the total product, expressed as a time-weighted average concentration or permissible exposure.

The comments in each category under Principal Routes of Absorption should reflect the potential hazard from absorption by this route. Comments should indicate the severity of the effect and the basis for the statement, if possible. A typical comment might be, "Prolonged or repeated contact--mild irritation and possibly some blistering."

All statements should be written in lay language.

Part VI - Reactivity Data

Comments in this section relate to safe storage and handling of the product.

Those products released under fire conditions and aging of the product are to be listed. Shelf life of the product should also be listed.

Part VII - Spill or Leak Procedures

This section shall contain detailed procedures for cleanup and disposal with emphasis on precautions to be taken to protect workers assigned to cleanup detail. Specific neutralizing chemicals or procedures should be specified in detail. Disposal methods should be explicit. Specific procedures shall be identified.

Part VIII - Special Protection Information

Specific information is required in this section. Ventilation requirements should be specific as to type and preferred methods. Respirators shall be specific as to type and NIOSH approval class. Protective equipment must be specified as to type and materials of construction.

Part IX - Special Precautions

Additional information on any aspect of safety or health not covered in other sections should be listed here, along with references to published guides on procedures for handling and storage.

Take Your Copy

AREA CODE 304
PHONE 736-0208

# VIMASCO CORPORATION

P. O. BOX 311
[illegible], WEST VIRGINIA [illegible]

June 7, 1977

Mr. Harold R. Trader
Supervisor--Power Station Safety, Training, and Security
Allegheny Power System
Bulk Power Supply
Cabin Hill
Greensburg, Pennsylvania 15601

Dear Mr. Trader:

Here is the Chemical Safety Data Sheet (Allegheny Form C 23-038) you asked for on Vimasco Cable Coating No. 1-A.

Safety data for Vimasco Cable Coating No. 1 are substantially identical to those for Cable Coating No. 1-A. Cable Coating No. 1 was a predecessor product to Cable Coating No. 1-A and is no longer available commercially.

I apologize for the fact that you had to call us a second time on this. The delay was my fault, but was not intentional.

Cordially,

William A. Pugh, Jr.
Assistant to the President

WAP/sms

Enclosure: As noted