

October 2007

Material Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **V80M VCI Water Soluble Saturation/Coating Solution AW4-BW4**

SYNONYMS: None

CHEMICAL FAMILY: Confidential Formulation of Corrosion Inhibitors

MANUFACTURER Van Patten Industries, 4337 South Perryville Road, Cherry Valley, IL 61016
 For Product Information Call 1 877-464-4248

2. COMPOSITION/INFORMATION OF INGREDIENTS

OSHA REGULATED COMPONENTS			CARCINOGEN LISTING	
COMPONENT	CAS. NO.	%	TWA/CEILING	OSHA,NTP OR IRAC
Stryene Acrylic Polymer	Non-Hazardous	12-18	Not established	
Amine Salt of alkylarylsulfonic acid	Confidential	1-3	LD ₅₀ (rat)>5ml/kg	No

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

APPEARANCE AND ODOR: Light Amber Liquid, Characteristic odor - May be Customer Pigmented

STATEMENTS OF HAZARD: Will Cause burns to Skin & eyes.

POTENTIAL HEALTH EFFECTS

EFFECTS OF OVEREXPOSURE:

Direct contact with this material will cause severe irritation to eyes and skin.

Primary Route of entry – Dermal & inhalation.

4. FIRST AID MEASURES

In case of skin contact, remove contaminated clothing and wash affected areas of skin with soap and water.

In case of eye contact, immediately irrigate with plenty of water for 15 minutes. If symptoms persist, consult a doctor

In case of swallowing consult a doctor immediately.

Eczema or other dermatological conditions could be aggravated by exposure

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASHPOINT: Water Solution Not Flammable

FLAMMABLE LIMITS

Not Determined.

AUTOIGNITION TEMP: NA

DECOMPOSITION TEMP: Not Determined

EXTINGUISHING MEDIA AND FIRE FIGHTING INSTRUCTIONS

Use water, carbon dioxide or dry chemical to extinguish fires. Wear self-contained, positive breathing apparatus. Do not let contaminated extinguishing material enter the soil, groundwater or surface water.

In case of fire, nitrous gases, sulfur dioxide and other toxic gases may form.

Protective Equipment : In case of fire-fighting, respirators are necessary.

6. ACCIDENTIAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Personal-safety precautions – Wear personal protective equipment

Do not allow material to enter sewer, surface or ground water. Inform respective authorities in case of seepage in water course or sewage systems. Fill materials should be collected and stored in closed, labeled container.

7. HANDLING AND STORAGE

Keep away from heat, sparks and open fires. Do not reuse container. Do not mix with strong oxidizers.

Equipment, including venting systems, should be grounded. Provide adequate ventilation in areas of use to remove fumes and vapors.

Equipment and personnel should be grounded. Avoid sparks and electrostatic discharges.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

ENGINEERING CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT (PPE)

Engineering controls are not usually necessary if good hygiene practices are followed. Before eating, drinking, or smoking, wash face and hands thoroughly with soap and water. Avoid unnecessary skin contact. Impervious gloves are recommended to prevent prolonged skin contact. For operations where eye or face contact can occur, eye protection is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR Light Amber Liquid, characteristic odor – May be pigmented by customer.

BOILING POINT: >250⁰F @ 760 mm Hg

FREEZING POINT: 30⁰F

VAPOR PRESSURE: >0.5 mm.Hg

SPECIFIC GRAVITY: 1.07 @77F

VAPOR DENSITY >5 (air = 1)

% VOLATILE (BY WT): Not Applicable

pH: >85

SATURATION IN AIR (% BY VOL): Not Available

EVAPORATION RATE: <0.01 – Reference BuAc=1

SOLUBILITY IN WATER; Soluble

10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: Contact with acids and incompatible materials, high temperatures and flames

POLYMERIZATION: Will Not Occur

CONDITIONS TO AVOID: None known

INCOMPATIBLE MATERIALS: Strong acids and strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition or combustion may produce nitrous gases, sulfur dioxide, carbon dioxide and/or other toxic gases may form. .

11. TOXICOLOGICAL INFORMATION

No experimental data is available.

12. ECOLOGICAL INFORMATION

No aquatic LC50, BOD, or COD data available

OCTANOL/H2O PARTITION COEF.: Not available

12. DISPOSAL CONSIDERATIONS

The information on RCRA waste classification and disposal methodology provided below applies only to the product, as supplied. If the material has been altered or contaminated, or it has exceeded its recommended shelf life, the guidance may be inapplicable. Hazardous waste classification under federal regulations (40 CFR Part 261 et seq) is dependent upon whether a material is a RCRA “listed hazardous waste” or has any of the four RCRA “hazardous waste characteristics.” For Reactivity, see Section 10 (incompatible materials). Federal regulations are subject to change. State or local requirements, which may differ from or be more stringent than the federal regulations, may also apply to the classification of the material if it is to be disposed.

13. TRANSPORT INFORMATION This section provides basic shipping classification information. Refer to appropriate transportation regulations for specific requirements.

	D.O.T. SHIPPING INFORMATION	IMO SHIPPING INFORMATION
SHIPPING NAME:	Not Regulated when Packaged under 5000 lbs.	
HAZARD/CLASS	VCI Water Soluble /Saturation/Coating Solution. AW4-BW4 8	Not Applicable
PACKING GROUP	II	
UN NUMBER:	2735	Not Applicable
IMDG PAGE:	Not Applicable	Not Applicable
D.O.T. HAZARDOUS SUBSTANCES:	(Product Reportable Quantity) Not Applicable	Not Applicable
TRANSPORT LABEL REQUIRED:	None Required	None Required
SHIPPING NAME	ICAO/IATA NOT APPLICABLE/NOT REGULATED	TRANSPORT CANADA on DSL
HAZARD CLASS	8	Not Applicable
SUBSIDIARY CLASS:	Not Applicable	Not Applicable
UN/ID NUMBER:	2735	Not Applicable
PACKING GROUP:	II	Not Applicable
TRANSPORT LABEL	None Required	None Required

PACKING	Passenger Not Applicable	Not Applicable
INSTR:	Cargo Not Applicable	
<hr/>		
MAX NET QTY	Passenger Not Applicable	Not Applicable
	Cargo Not Applicable	

ADDITIONAL TRANSPORT INFORMATION

TECHNICAL NAME (N.O.S.): VCI Soluble Saturation/Coating .Solution AW4-BW4

14. REGULATORY INFORMATION

INVENTORY INFORMATION

US TSCA: This product is manufactured in compliance with all provisions of the Toxic Substances Control Act, 15 U.S.C. 2601 et.seq.

EEC EINECS: All components of this product are included in the Canadian Domestic Substances List and European Inventory of Existing Chemical Substances (EINECS) in compliance with Council Directive 67/548/EEC and its amendments.
California Proposition 65 Ingredients - NONE

OTHER ENVIRONMENTAL INFORMATION

The following components of this product may be subject to reporting requirements pursuant to Section 313 of CERCLA (40 CFR 372), Section 12(b) of TSCA, or may be subject to release reporting Requirements (40 CFR 307, 40 CFR 311, etc.) See Section 13 for Information on waste classification and waste disposal of this Product.
NONE
PRODUCT CLASSIFICATION UNDER SECTION 311 OF SARA
Not Applicable under SARA TITLE III

15. OTHER INFORMATION

NFPA HAZARD RATING (National Fire Protection Association)

Fire 0	FIRE: Materials that must be preheated before ignition can occur.
Health 2	HEALTH: Materials which on exposure under fire conditions would offer no hazard beyond that of ordinary combustible material.
Reactivity 0	- REACTIVITY: Materials which in themselves are normally stable, even under fire exposure conditions, and which are not reactive with water.
Protective Equipment AB	PROTECTIVE EQUIPMENT Materials should be handled with eye and hand protection

REASON FOR ISSUE:

Initial 10/25/07

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