



Galvanode® VP

Safety Data Sheet

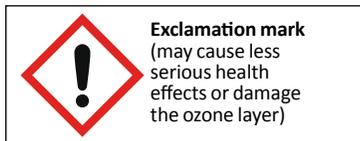
1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Vector Galvanode VP
 APPLICATION: Embedded Zinc Anode, which acts to prevent corrosion of reinforcing steel in concrete
 COMPANY: Vector Corrosion Technologies
 474B Dovercourt Drive, Winnipeg, Manitoba, Canada, R3Y 1G4
 TELEPHONE: +1-204-489-9611

2. HAZARD IDENTIFICATION

CLASSIFICATION: Skin Irritation, Category 2 May cause skin irritation.
 Serious Eye Damage/Irritation, Category 1 Causes serious eye damage/eye irritation.
 Skin Sensitization, Category 1 May cause an allergic skin reaction..
 Specific Target Organ Toxicity
 – Single Exposure, Category 3 May cause respiratory irritation.

LABEL ELEMENTS: **Hazard Pictograms:**



Signal Word: Danger

Hazard Statements:

H315 / Causes serious eye damage.
 H317 / May cause an allergic skin reaction.
 H318 / Causes serious eye damage.
 H335 / May cause respiratory irritation.

Precautionary Statements:

P260 / Do not breathe dust or mist.
 P280 / Wear protective gloves/protective clothing/eye protection/face protection.
 P301/P330/P331 / IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.
 P302/P313/P333/P352 / IF ON SKIN (or hair): Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.
 P261/P304/P312/P340 / IF INHALED: Remove victim to fresh air and keep at rest in a comfortable position for breathing.
 P305/P338/P351 / IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 / Immediately call a poison control center or doctor/physician.

OTHER HAZARDS: None

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS #	EC #	Classification	Concentration %	Symbols
Cement, Portland	65997-15-1	266-043-4	Skin Irritation, 2, H315 Eye Damage, 1, H318 STOT-SE, 3, H335 Skin Sensitization, 1, H317	>5 <30	Xi

All constituents of this product are listed in EINECS (European Inventory of Existing Commercial Chemical Substances) or ELINCS (European List of New Chemical Substances) or are exempt.
 Refer to Section 8 for Occupational Exposure Limits





Galvanode® VP

Safety Data Sheet

4. FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES:

- EYES:** Immediately wash eyes with plenty of eyewash solution or running water, hold eyelids apart for 15 minutes. Do not rub eyes in order to avoid possible cornea damage as a result of mechanical stress. Always seek further specialist medical/eye specialist attention to check that all particles have been removed.
- SKIN:** Wash immediately with copious quantities of soap and water for several minutes. Remove contaminated clothing and/or shoes immediately. Obtain medical advice if skin disorders develop.
- INHALATION:** Move to fresh air. Dust in throat and nasal passages should clear spontaneously. Seek medical attention if irritation persists or later develops or if discomfort, coughing or other symptoms persist.
- INGESTION:** Rinse out mouth with water. Do NOT induce vomiting. Obtain medical attention urgently.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

- SYMPTOMS:** Gastrointestinal discomfort
Cough
Respiratory disorder
Dermatitis
See Section 11 for more detailed information on health effects and symptoms.
- RISKS:** Health injuries may be delayed.
Corrosive effects
Irritant effects

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

- TREATMENT:** Treat symptomatically

5. FIRE FIGHTING MEASURES

- SUITABLE EXTINGUISHING MEDIA:** Product is not combustible. Dry chemical, CO₂, water spray or regular foam surrounding fire.
- HAZARDOUS COMBUSTION PRODUCTS:** Product is not combustible.
- ADVICE FOR FIREFIGHTERS:** Wear full protective clothing and self-contained breathing apparatus approved for firefighting.
- FURTHER INFORMATION:** Standard procedure for fighting chemical fires.

6. ACCIDENTAL RELEASE MEASURES

- PERSONAL PRECAUTIONS:** Wear rubber boots in addition to the recommended personal protective equipment.
- ENVIRONMENTAL PRECAUTIONS:** Prevent entry into drains, sewers and water courses.
- METHODS FOR CLEANING UP:** Avoid the creation of dust in atmosphere. Gather into suitable container.

7. HANDLING AND STORAGE

- HANDLING:** Avoid creating dust. Avoid breathing dust. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid skin and eye contact.
- STORAGE:** Store in cool, dry area.





Galvanode® VP

Safety Data Sheet

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL PARAMETERS:

Components	CAS-No	Value	Control Parameters	Basis
Cement, Portland	65997-15-1	TWA	10 mg/m ³	GB EH40
		TWA	4 mg/m ³	GB EH40

ENGINEERING CONTROL MEASURES: Atmospheric levels of dust must be maintained within the Occupational Exposure Limit. Where mechanical methods are inadequate or impractical, appropriate personal protective equipment must be used.

PERSONAL PROTECTIVE EQUIPMENT: Impervious gloves (eg PVC). Goggles / Safety glasses. Approved dust mask. Change contaminated clothing immediately and clean before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Powder
COLOUR:	Light grey/brown
ODOUR:	Odourless
ODOUR THRESHOLD:	Not applicable
pH(working dilution):	>11
BOILING POINT/RANGE (°C)	Not applicable
MELTING POINT/RANGE (°C):	Not applicable
EVAPORATION RATE:	Not applicable
FLASH POINT (closed, (°C):	Not applicable
AUTO-IGNITION TEMP (°C):	Not applicable
IGNITION TEMP (°C):	Not applicable
OXIDIZING PROPERTIES:	Not applicable
VAPOUR PRESSURE:	Not applicable
LOWER EXPLOSION LIMIT (Vol-%):	Not applicable
UPPER EXPLOSION LIMIT (Vol-%):	Not applicable
FLAMMABILITY (Solid/gas):	Not applicable
RELATIVE DENSITY (AT 20°C):	3.0
WATER SOLUBILITY:	Insoluble
VISCOSITY :	Not applicable





Galvanode® VP

Safety Data Sheet

10. STABILITY AND REACTIVITY

REACTIVITY:	Reacts with acids.
CHEMICAL STABILITY:	The product is chemically stable.
POSSIBILITY OF HAZARDOUS REACTIONS:	Stable under recommended storage conditions.
CONDITIONS TO AVOID:	Contact with acids.
INCOMPATIBLE MATERIALS:	Acids
HAZARDOUS DECOMPOSITION PRODUCTS:	None

11. TOXICOLOGICAL INFORMATION

SKIN CORROSION/IRRITATION:	Prolonged contact in combination with abrasion may cause severe burns.
EYE DAMAGE/IRRITATION:	Severe irritation. Causes irreversible damage to eye tissue if not removed promptly.
RESPIRATORY OR SKIN SENSITIZATION:	May cause mild to severe dermatitis.
GERM CELL MUTAGENICITY:	No data available.
CARCINOGENICITY:	No data available.
REPRODUCTIVE TOXICITY:	No data available.
INHALATION:	Irritating to respiratory system. Inflammation of the nasal mucous membrane by exposure to cement dust.
REPEATED EXPOSURE:	Cement, cementitious grouts and mortars are known to cause both irritant and allergic contact dermatitis. Prolonged skin contact can result in chemical burns.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL ASSESSMENT:	Little detailed information is available on the ecological effects of this product, but its overall environmental impact is not regarded as significant.
TOXICITY:	No data available for the product.
PERSISTENCE / DEGRADABILITY:	No data available for the product.
BIOACCUMULATIVE POTENTIAL:	No data available for the product.
MOBILITY IN SOIL:	No data available for the product.

13. DISPOSAL CONSIDERATIONS

Disposal must be in accordance with local, regional, and national legislation.	
UNUSED PRODUCT:	Dispose of in an approved manner
USED/CONTAMINATED PRODUCT:	Dispose of in an approved manner
PACKAGING:	The method of disposal must be acceptable to the local authority

14. TRANSPORT INFORMATION

This product is NOT classified as dangerous for transport.



Galvanode® VP

Safety Data Sheet

15. REGULATORY INFORMATION

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS
SPECIFIC FOR THE SUBSTANCE OR MIXTURE: No data available for the product.

16. OTHER INFORMATION

May 1, 2020. All sections revised, new format.

This SDS has been prepared to meet U.S. Osha Hazard Communication Standard, 29 CFR 1910.1200 and Canada's Workplace Hazardous Materials Information System (WHMIS) Requirements.

The data and advice given apply when the product is used for the stated application or applications. The product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet may give rise to risks not mentioned in this sheet. The product should not be used other than for the stated application or applications without seeking advice from Vector Corrosion Technologies.

If this product has been purchased for supply to a third party for use at work, it is the purchaser's duty to take all necessary steps to ensure any person handling or using the product is provided with the information in this sheet.

It is the responsibility and duty of the employer to inform employees and others who may be affected of any hazards described in this sheet and of any precautions which should be taken.

This sheet does not constitute or substitute for the users own assessment of workplace risk, as required by other health and safety legislation.

The information in the Safety Data Sheet was obtained from sources we believe are reliable. The information, however, is provided without any representation or warranty, expressed or implied regarding the accuracy or correctness.

The condition or methods of handling, storage, use and disposal of the product are beyond our control. We do not assume responsibility and expressly disclaim liability for loss, damage or exposure arising out of or in any way connected with the handling, storage, use or disposal of the product

Vector Corrosion Technologies Ltd.

474B Dovercourt Drive
Winnipeg, MB R3Y 1G4
Phone: (204) 489-9611
Fax: (204) 489-6033

info@vector-corrosion.com
www.vector-corrosion.com

Vector Corrosion Technologies, Inc.

8413 Laurel Fair Circle, Suite 200A
Tampa, FL 33610
Phone: (813) 830-7566
Fax: (813) 830-7565

info@vector-corrosion.com
www.vector-corrosion.com

Vector Corrosion Technologies Limited

27A Upper High Street
Cradley Heath, UK B64 5HX
Phone: (44) 1384 671 400

infoEU@vector-corrosion.com
www.vector-corrosion.eu

Rev. May 2020

