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Revision: 08.02.2016
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01 Identification of the substance/mixture and of the company/undertaking

- 1.1 Product identifier
- Trade name:
VIACRETE PU-MF VM Comp. D (colour paste)
- Article number:
02456005
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
- Application of the substance / the preparation
Coating material
- 1.3 Details of the supplier of the safety data sheet
- Manufacturer/Supplier:
VIACOR ASIA Sdn Bhd
No. 5, Jalan Sungai Terap 32/182
Bukit Rimau Industrial Park
40460 Shah Alam, Selangor Darul Ehsan
Malaysia
- Further information obtainable from:
Tel. +603 5131 7777
Fax +603 5131 7878
info@viacor.asia
- 1.4 Emergency telephone number:
VIACOR ASIA Sdn Bhd
fon: +603 5131 7777

02 Hazards identification

- 2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008
Void
- 2.2 Label elements
- Labelling according to Regulation (EC) No 1272/2008
Void
- Signal word
Void
- Hazard statements
Void
- 2.3 Other hazards
- Results of PBT and vPvB assessment
- PBT:
Not applicable.
- vPvB:
Not applicable.

03 Composition/information on ingredients

- 3.2 Chemical characterization: Mixtures
- Description:
The product contains no substances classified as hazardous to health in concentrations which should be taken into account according to EC directives.

- Dangerous components:

CAS NO.	Description Index R-phrases	%
1332-37-2	Iron oxide	53,00
7732-18-5	EC number: 215-570-8 water, distilled, conductivity or of similar purity EC number: 231-791-2	47,00

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- 4.1 Description of first aid measures
- After inhalation:
Take affected persons into fresh air and keep quiet.
- After skin contact:
Immediately wash with water and soap and rinse thoroughly.
- After eye contact:
Rinse opened eye for several minutes under running water.
- After swallowing:
Do not induce vomiting; call for medical help immediately.
- Information for doctor:
- 4.2 Most important symptoms and effects, both acute and delayed
No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed
No further relevant information available.

05 Firefighting measures

- 5.1 Extinguishing media
- Suitable extinguishing agents:
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire extinguishing methods suitable to surrounding conditions.
- For safety reasons unsuitable extinguishing agents:
Water with full jet
- 5.2 Special hazards arising from the substance or mixture
No further relevant information available.
- 5.3 Advice for firefighters
- Protective equipment:
Wear self-contained respiratory protective device.

06 Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
Not required.
- 6.2 Environmental precautions:
No special measures required.
- 6.3 Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- 6.4 Reference to other sections

07 Handling and storage

- Handling:
- 7.1 Precautions for safe handling
Ensure good ventilation/exhaustion at the workplace.
- Information about fire - and explosion protection:
No special measures required.
- 7.2 Conditions for safe storage, including any incompatibilities
- Storage:
- Requirements to be met by storerooms and receptacles:
No special requirements.
- Information about storage in one common storage facility:
Not required.
- Further information about storage conditions:
Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.
- 7.3 Specific end use(s)
No further relevant information available.

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08 Exposure controls/personal protection

- 8.1 Control parameters
- Ingredients with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- Additional information:
The lists valid during the making were used as basis.
- 8.2 Exposure controls
- Personal protective equipment:
- General protective and hygienic measures:
The usual precautionary measures are to be adhered to when handling chemicals.
- Respiratory protection: Not required.
- Protection of hands: Protective gloves Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- Material of gloves
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
Butyl rubber, BR
Nitrile rubber, NBR
- Penetration time of glove material
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye protection: Not required.

09 Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Fluid
Colour:	Different according to colouri
Odour:	Odourless
Odour threshold:	Not determined.
pH-value:	at 20 °C 9

Change in condition

Boiling point/Boiling range:	0 °C
Flash point:	> 100 °C DIN 51376
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	
Decomposition temperature:	Not determined.
Self-igniting:	Not determined.
Danger of explosion:	Not determined.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapour pressure:	Not determined.
Density:	1,5500 - 1,7500 g/cm3
Solubility in / Miscibility with water:	Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.

9.2 Other information No further relevant information available.

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10 Stability and reactivity

- 10.1 Reactivity
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided:
No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions
No dangerous reactions known.
- 10.4 Conditions to avoid
No further relevant information available.
- 10.5 Incompatible materials:
No further relevant information available.
- 10.6 Hazardous decomposition products:
No dangerous decomposition products known.

11 Toxicological information

- 11.1 Information on toxicological effects
- Acute toxicity:
- Primary irritant effect:
 - on the skin:
No irritant effect.
 - on the eye:
No irritating effect.
- Sensitization:
No sensitising effects known.
- Additional toxicological information:
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

12 Ecological information

- 12.1 Toxicity
- Aquatic toxicity:
No further relevant information available.
- 12.2 Persistence and degradability
No further relevant information available.
- Behaviour in environmental systems:
- 12.3 Bioaccumulative potential
No further relevant information available.
- 12.4 Mobility in soil
No further relevant information available.
- Additional ecological information:
- General notes:
Do not allow product to reach ground water, water course or sewage system.
- 12.5 Results of PBT and vPvB assessment
- PBT:
Not applicable.
- vPvB:
Not applicable.
- 12.6 Other adverse effects
No further relevant information available.

13 Disposal considerations

- 13.1 Waste treatment methods
- Uncleaned packaging:
- Recommendation:
Disposal must be made according to official regulations.

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14 Transport information

- 14.1 UN-Number
ADR Void
IMDG Void
IATA Void
- 14.2 UN proper shipping name
ADR Void
IMDG Void
IATA Void
- 14.3 Transport hazard class(es)
ADR
Class Void
IMDG
Class Void
IATA
Class Void
- 14.4 Packing group
ADR Void
IMDG Void
IATA Void
- 14.5 Environmental hazards:
Not applicable.
- 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not applicable.

15 Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- National regulations:
- Classification according to VbF:
-
- Waterhazard class:
Generally not hazardous for water. Self-assessment
- 15.2 Chemical safety assessment:

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Department issuing MSDS:
Environment protection department.
Department for product safety
- Abbreviations and acronyms:
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organisation
ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VbF: Verordnung über brennbare Flüssigkeiten, Österreich (Ordinance on the storage of combustible liquids, Austria)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative