

V107U_A8

Safety Data Sheet VC-17M RED BASE



Bulk Sales Reference No.:
SDS Revision Date:
SDS Revision Number:

Sales
Order: {SalesOrd}
V107U
08/10/2015
A8-6

1. Identification of the preparation and company

1.1. Product identifier

Product Identity VC-17M RED BASE
Bulk Sales Reference No. V107U

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended Use See Technical Data Sheet.
Application Method See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name Akzo Nobel Coatings
International Paint LLC
6001 Antoine Drive
Houston, TX 77095

Emergency

CHEMTREC (USA) (800) 424-9300
International Paint (713) 527-3887
Poison Control Center (800) 854-681
Customer Service
International Paint (800) 589-1267
Fax No. (800) 631-7481

2. Hazard identification of the product

2.1. Classification of the substance or mixture

Eye Dam. 1;H318 Causes serious eye damage.
STOT SE 3;H336 May cause drowsiness or dizziness.
Aquatic Chronic 3;H412 Harmful to aquatic life with long lasting effects.

2.2. Label elements

Using the Toxicity Data listed in section 11 & 12 the product is labelled as follows.



Danger.

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.

P273 Avoid release to the environment.

P280 Wear protective gloves / eye protection / face protection.

P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P310 Immediately call a POISON CENTER or doctor / physician.

P501 Dispose of contents / container in accordance with local / national regulations.

HMIS Rating

Health: 2

Flammability: 3

Reactivity: 0

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

| Ingredient/Chemical Designations | Weight % | GHS Classification | Notes |
|---|----------|--|--------|
| Isopropyl alcohol CAS Number: 0000067-63-0 | 25 - 50 | Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336 | [1][2] |
| n-Propyl alcohol CAS Number: 0000071-23-8 | 25 - 50 | Flam. Liq. 2;H225 Eye Dam. 1;H318 STOT SE 3;H336 | [1][2] |
| Cellulose, ethyl ether CAS Number: 0009004-57-3 | 1.0 - 10 | ---- | [1] |
| Polytetrafluoroethylene CAS Number: 0009002-84-0 | 1.0 - 10 | ---- | [1] |

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.

4. First aid measures

4.1. Description of first aid measures

| | |
|------------|---|
| General | Remove contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Thoroughly clean or destroy contaminated shoes. |
| Inhalation | If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately. |
| Eyes | In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately. |
| Skin | In case of contact, immediately flush skin with soap and plenty of water. Get medical attention immediately. |
| Ingestion | If swallowed, immediately contact Poison Control Center at 1-800-854-6813. DO NOT induce vomiting unless instructed to do so by medical personnel. Never give anything by mouth to an unconscious person. |

4.2. Most important symptoms and effects, both acute and delayed

| | |
|-----------------|--|
| Overview | Avoid contact with eyes, skin and clothing. |
| Inhalation | Harmful if inhaled. Causes nose and throat irritation. |
| Eyes | Causes severe eye irritation. Avoid contact with eyes. |
| Skin | Causes skin irritation. May be harmful if absorbed through the skin. |
| Ingestion | Harmful if swallowed. May cause abdominal pain, nausea, vomiting, diarrhea, or drowsiness. |
| Chronic effects | Possible cancer hazard. Contains an ingredient which may cause cancer based on animal data (See Section 2 and Section 15 for each ingredient). Risk of cancer depends on duration and level of exposure. |

5. Fire-fighting measures

5.1. Extinguishing media

CAUTION: This product has a very low flashpoint. Use of water spray when fighting fire may be inefficient. SMALL FIRES: Use dry chemical, CO₂, water spray or alcohol-resistant foam. LARGE FIRES: Use water spray, fog, or alcohol-resistant foam. Do not use straight streams. Move containers from fire area if you can do so without risk. Runoff from fire control may cause pollution. Dike fire control water for later disposal. Do not scatter the material.

5.2. Special hazards arising from the substance or mixture

May produce hazardous fumes when heated to decomposition as in welding. Fumes may produce Carbon Dioxide and Carbon Monoxide.

5.3. Advice for fire-fighters

Cool closed containers exposed to fire by spraying them with water. Do not allow run off water and contaminants from fire fighting to enter drains or water courses.

ERG Guide No.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

ELIMINATE ALL IGNITION SOURCES (no smoking, flares, sparks or flames in immediate area). Use only non-sparking equipment to handle spilled material and absorbent. Do not touch or walk through spilled material. Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas. A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand, or other non-combustible material and transfer to containers. Use non-sparking tools to collect absorbed material.

6.2. Environmental precautions

Do not allow spills to enter drains or watercourses.

6.3. Methods and material for containment and cleaning up

CALL CHEMTREC at (800)-424-9300 for emergency response. Isolate spill or leak area immediately for at least 25 to 50 meters (80 to 160 feet) in all directions. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering. LARGE SPILLS: Consider initial downwind evacuation for at least 300 meters (1000 feet).

7. Handling and storage

7.1. Precautions for safe handling

Handling

Vapors may cause flash fire or ignite explosively.

In Storage

Keep away from heat, sparks and flame.

7.2. Conditions for safe storage, including any incompatibilities

Store between 40-100F (4-38C).

Do not get in eyes, on skin or clothing.

Strong oxidizing agents.

Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone.

7.3. Specific end use(s)

Close container after each use.

Wash thoroughly after handling.

8. Exposure controls and personal protection

8.1. Control parameters

Exposure

| CAS No. | Ingredient | Source | Value |
|--------------|-------------------|----------------------------------|---|
| 0000067-63-0 | Isopropyl alcohol | OSHA | 400 ppm TWA; 980 mg/m3 TWA500 ppm STEL; 1225 mg/m3 STEL |
| | | ACGIH | 200 ppm TWA400 ppm STEL |
| | | NIOSH | 400 ppm TWA; 980 mg/m3 TWA500 ppm STEL; 1225 mg/m3 STEL2000 ppm IDLH (10% LEL) |
| | | Supplier | |
| | | OHSA, CAN | 200 ppm TWA400 ppm STEL |
| | | Mexico | 400 ppm TWA LMPE-PPT; 980 mg/m3 TWA LMPE-PPT500 ppm STEL [LMPE-CT]; 1225 mg/m3 STEL [LMPE-CT] |
| | Brazil | 310 ppm TWA LT; 765 mg/m3 TWA LT | |
| 0000071-23-8 | n-Propyl alcohol | OSHA | |

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| | | | |
|--------------|-------------------------|--------------|--|
| | | | 200 ppm TWA; 500 mg/m3 TWA250 ppm STEL; 625 mg/m3 STEL |
| | | ACGIH | 100 ppm TWA |
| | | NIOSH | 200 ppm TWA; 500 mg/m3 TWA250 ppm STEL; 625 mg/m3 STEL800 ppm IDLH |
| | | Supplier | |
| | | OHSA, CAN | 100 ppm TWA |
| | | Mexico | 200 ppm TWA LMPE-PPT; 500 mg/m3 TWA LMPE-PPT250 ppm STEL [LMPE-CT]; 625 mg/m3 STEL [LMPE-CT] |
| | | Brazil | 156 ppm TWA LT; 390 mg/m3 TWA LT |
| 0009002-84-0 | Polytetrafluoroethylene | OSHA | |
| | | ACGIH | |
| | | NIOSH | |
| | | Supplier | |
| | | OHSA, CAN | |
| | | Mexico | |
| | | Brazil | |
| 0009004-57-3 | Cellulose, ethyl ether | OSHA | |
| | | ACGIH | |
| | | NIOSH | |
| | | Supplier | |
| | | OHSA, CAN | |
| | | Mexico | |
| | | Brazil | |

Health Data

| CAS No. | Ingredient | Source | Value |
|--------------|-------------------------|--------|--|
| 0000067-63-0 | Isopropyl alcohol | NIOSH | Mucous membrane irritation; possible carcinogenic effects |
| 0000071-23-8 | n-Propyl alcohol | NIOSH | Mild narcosis upper respiratory irritation |
| 0009002-84-0 | Polytetrafluoroethylene | NIOSH | |
| 0009004-57-3 | Cellulose, ethyl ether | NIOSH | |

Carcinogen Data

| CAS No. | Ingredient | Source | Value |
|--------------|-------------------------|--------|--|
| 0000067-63-0 | Isopropyl alcohol | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No; |
| 0000071-23-8 | n-Propyl alcohol | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0009002-84-0 | Polytetrafluoroethylene | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No; |
| 0009004-57-3 | Cellulose, ethyl ether | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |

8.2. Exposure controls

Respiratory

Select equipment to provide protection from the ingredients listed in Section 3 of this document. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates dust, vapor, or mist

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levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. FOR USERS OF 3M RESPIRATORY PROTECTION ONLY: For information and assistance on 3M occupational health and safety products, call OH&ESD Technical Service toll free in U.S.A. 1-800-243-4630, in Canada call 1-800-267-4414. Please do not contact these numbers regarding other manufacturer's respiratory protection products. 3M does not endorse the accuracy of the information contained in this Material Safety Data Sheet.

| | |
|----------------------|--|
| Eyes | Avoid contact with eyes. Protective equipment should be selected to provide protection from exposure to the chemicals listed in Section 3 of this document. Depending on the site-specific conditions of use, safety glasses, chemical goggles, and/or head and face protection may be required to prevent contact. The equipment must be thoroughly cleaned, or discarded after each use. |
| Skin | Protective equipment should be selected to provide protection from exposure to the chemicals listed in Section 3 of this document. Depending on the site-specific conditions of use, protective gloves, apron, boots, head and face protection may be required to prevent contact. The equipment must be thoroughly cleaned, or discarded after each use. |
| Engineering Controls | Depending on the site-specific conditions of use, provide adequate ventilation. |
| Other Work Practices | Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Use good personal hygiene practices. Wash hands before eating, drinking, using toilet facilities, etc. Promptly remove soiled clothing and wash clothing thoroughly before reuse. Shower after work using plenty of soap and water. |

9. Physical and chemical properties

| | |
|---|--|
| Appearance | Coloured Liquid |
| Odour threshold | Not Measured |
| pH | |
| Melting point / freezing point | Not Measured |
| Initial boiling point and boiling range | -18 (°C) 0 (°F) |
| Flash Point | |
| Evaporation rate (Ether = 1) | Not Measured |
| Flammability (solid, gas) | Not Applicable |
| Upper/lower flammability or explosive limits | Lower Explosive Limit: Upper Explosive Limit: No Established Limit |
| vapor pressure (Pa) | Not Measured |
| Vapor Density | Heavier than air |
| Specific Gravity | 0.82 |
| Solubility in Water | Not Measured |
| Partition coefficient n-octanol/water (Log Kow) | Not Measured |
| Auto-ignition temperature | Not Measured |
| Decomposition temperature | Not Measured |
| Viscosity (cSt) | No Established Limit Not Measured |
| VOC % | Refer to the Technical Data Sheet or label where information is available. |

10. Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

This product is stable and hazardous polymerization will not occur. Not sensitive to mechanical impact. Excessive heat and fumes generation can occur if improperly handled.

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

May produce hazardous fumes when heated to decomposition as in welding. Fumes may produce Carbon Dioxide and Carbon Monoxide.

11. Toxicological information

Acute toxicity

| Ingredient | Oral LD50, mg/kg | Skin LD50, mg/kg | Inhalation Vapor LD50, mg/L/4hr | Inhalation Dust/Mist LD50, mg/L/4hr |
|---------------------------------------|------------------------------|--------------------------------|---------------------------------|-------------------------------------|
| Isopropyl alcohol - (67-63-0) | 4,710.00, Rat - Category: 5 | 12,800.00, Rat - Category: NA | 72.60, Rat - Category: NA | No data available |
| n-Propyl alcohol - (71-23-8) | 8,038.00, Rat - Category: NA | 4,000.00, Rabbit - Category: 5 | 33.80, Rat - Category: NA | No data available |
| Cellulose, ethyl ether - (9004-57-3) | 5,000.00, Rat - Category: 5 | 5,000.00, Rabbit - Category: 5 | No data available | No data available |
| Polytetrafluoroethylene - (9002-84-0) | No data available | No data available | No data available | No data available |

| Item | Category | Hazard |
|---|----------------|------------------------------------|
| Acute Toxicity (mouth) | Not Classified | Not Applicable |
| Acute Toxicity (skin) | Not Classified | Not Applicable |
| Acute Toxicity (inhalation) | Not Classified | Not Applicable |
| Skin corrosion/irritation | Not Classified | Not Applicable |
| Eye damage/irritation | 1 | Causes serious eye damage. |
| Sensitization (respiratory) | Not Classified | Not Applicable |
| Sensitization (skin) | Not Classified | Not Applicable |
| Germ toxicity | Not Classified | Not Applicable |
| Carcinogenicity | Not Classified | Not Applicable |
| Reproductive Toxicity | Not Classified | Not Applicable |
| Specific target organ systemic toxicity (single exposure) | 3 | May cause drowsiness or dizziness. |
| Specific target organ systemic Toxicity (repeated exposure) | Not Classified | Not Applicable |
| Aspiration hazard | Not Classified | Not Applicable |

12. Ecological information

12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

| Ingredient | 96 hr LC50 fish, mg/l | 48 hr EC50 crustacea, mg/l | ErC50 algae, mg/l |
|-------------------------------|--------------------------------------|--------------------------------|--|
| Isopropyl alcohol - (67-63-0) | 1,400.00, <i>Lepomis macrochirus</i> | 100.00, <i>Daphnia magna</i> | 100.00 (72 hr), <i>Scenedesmus subspicatus</i> |
| n-Propyl alcohol - (71-23-8) | 4,480.00, <i>Pimephales promelas</i> | 3,100.00, <i>Daphnia pulex</i> | 4,480.00 (96 hr), <i>Selenastrum capricornutum</i> |
| | Not Available | Not Available | Not Available |

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| | | | |
|---------------------------------------|---------------|---------------|---------------|
| Cellulose, ethyl ether - (9004-57-3) | | | |
| Polytetrafluoroethylene - (9002-84-0) | Not Available | Not Available | Not Available |

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available

13. Disposal considerations

13.1. Waste treatment methods

Do not allow spills to enter drains or watercourses.

Dispose of in accordance with local, state and federal regulations. (Also reference RCRA information in Section 15 if listed).

14. Transport information

14.1. UN number Not Regulated

14.2. UN proper shipping name

14.3. Transport hazard class(es)

DOT (Domestic Surface Transportation)

DOT Proper Shipping Name Not Regulated

DOT Hazard Class

UN / NA Number Not Regulated

DOT Packing Group

CERCLA/DOT RQ Not Applicable gal. / Not Applicable lbs.

IMO / IMDG (Ocean Transportation)

IMDG Proper Shipping Name

IMDG Hazard Class Not Regulated
Sub Class Not applicable

IMDG Packing Group Not Regulated

System Reference Code

14.4. Packing group Not Regulated

14.5. Environmental hazards

IMDG Marine Pollutant: No

14.6. Special precautions for user

Not Applicable

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not Applicable

15. Regulatory information

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented. All ingredients of this product are listed on the TSCA (Toxic Substance Control Act) Inventory or are not required to be listed on the TSCA Inventory.

WHMIS Classification D2B E

DOT Marine Pollutants (10%):
(No Product Ingredients Listed)

DOT Severe Marine Pollutants (1%):
(No Product Ingredients Listed)

EPCRA 311/312 Chemicals and RQs (>.1%) :
(No Product Ingredients Listed)

EPCRA 302 Extremely Hazardous (>.1%) :
(No Product Ingredients Listed)

EPCRA 313 Toxic Chemicals (>.1%) :
Isopropyl alcohol

Mass RTK Substances (>1%) :
Isopropyl alcohol
n-Propyl alcohol

Penn RTK Substances (>1%) :
Isopropyl alcohol
Polytetrafluoroethylene
n-Propyl alcohol

Penn Special Hazardous Substances (>.01%) :
(No Product Ingredients Listed)

RCRA Status:
(No Product Ingredients Listed)

N.J. RTK Substances (>1%) :
Isopropyl alcohol
n-Propyl alcohol

N.J. Special Hazardous Substances (>.01%) :
Isopropyl alcohol
n-Propyl alcohol

N.J. Env. Hazardous Substances (>.1%) :
Isopropyl alcohol

Proposition 65 - Carcinogens (>0%):
(No Product Ingredients Listed)

Proposition 65 - Female Repro Toxins (>0%):
(No Product Ingredients Listed)

Proposition 65 - Male Repro Toxins (>0%):
(No Product Ingredients Listed)

Proposition 65 - Developmental Toxins (>0%):
(No Product Ingredients Listed)

| |
|-----------------------|
| 16. Other information |
|-----------------------|

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H225 Highly flammable liquid and vapor.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

This is the first revision of this SDS format, changes from previous revision not applicable.

End of Document