

## 1 Identification

· **Product identifier**

· **Trade name:** 19393 GM Victory Red WA9260

· **Article number:** 19393

· **Application of the substance / the mixture** Coating

· **Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**

SEM Products Inc.  
1685 Overview Drive  
Rock Hill, SC 29730  
803 207 8225

· **Information department:**

cust\_care@semproducts.com : SEM Products, Inc. 1685 Overview Dr. Rock Hill, SC 29730 : phone 1-800-831-1122, M - TH 7am - 4pm EDT

· **Emergency telephone number:** CHEMTREC 1-800-424-9300

## 2 Hazard(s) identification

· **Classification of the substance or mixture**



GHS02 GHS04 Flame, Gas cylinder

Flam. Aerosol 1 H222 Extremely flammable aerosol.



GHS04 Gas cylinder

Press. Gas H280 Contains gas under pressure; may explode if heated.



GHS08 Health hazard

Carc. 2 H351 Suspected of causing cancer.

Repr. 2 H361 Suspected of damaging fertility or the unborn child.

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.



GHS07

Eye Irrit. 2A H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

· **Label elements**

· **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

(Contd. on page 2)

**Trade name: 19393 GM Victory Red WA9260**

(Contd. of page 1)

· **Hazard pictograms**



· **Signal word** *Danger*

· **Hazard-determining components of labeling:**

acetone  
4-methylpentan-2-one  
toluene  
n-butyl acetate

· **Hazard statements**

H222 Extremely flammable aerosol.  
H280 Contains gas under pressure; may explode if heated.  
H319 Causes serious eye irritation.  
H351 Suspected of causing cancer.  
H361 Suspected of damaging fertility or the unborn child.  
H336 May cause drowsiness or dizziness.  
H373 May cause damage to organs through prolonged or repeated exposure.

· **Precautionary statements**

P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Do not pierce or burn, even after use.  
P260 Do not breathe dust/fume/gas/mist/vapors/spray.  
P264 Wash thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313 IF exposed or concerned: Get medical advice/attention.  
P312 Call a POISON CENTER/doctor if you feel unwell.  
P314 Get medical advice/attention if you feel unwell.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
P405 Store locked up.  
P410+P403 Protect from sunlight. Store in a well-ventilated place.  
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



(Contd. on page 3)



Trade name: 19393 GM Victory Red WA9260

(Contd. of page 2)

· **HMIS-ratings (scale 0 - 4)**

|            |    |                |
|------------|----|----------------|
| HEALTH     | *1 | Health = *1    |
| FIRE       | 4  | Fire = 4       |
| REACTIVITY | 3  | Reactivity = 3 |

· **Other hazards**· **Results of PBT and vPvB assessment**· **PBT:** Not applicable.· **vPvB:** Not applicable.\* **3 Composition/information on ingredients**· **Chemical characterization: Mixtures**· **Description:**

Mixture: consisting of the following components.

Weight percentages

· **Dangerous components:**

|            |                                       |          |
|------------|---------------------------------------|----------|
| 67-64-1    | acetone                               | 30 - 40% |
| 68476-86-8 | Petroleum gases, liquefied, sweetened | 13 - 30% |
| 108-10-1   | 4-methylpentan-2-one                  | 5 - 7%   |
| 123-86-4   | n-butyl acetate                       | 5 - 7%   |
| 110-19-0   | isobutyl acetate                      | 5 - 7%   |
| 763-69-9   | ethyl 3-ethoxypropionate              | 1.5 - 5% |
| 108-65-6   | 2-methoxy-1-methylethyl acetate       | 1.5 - 5% |
| 108-88-3   | toluene                               | 1.5 - 5% |

\* **4 First-aid measures**· **Description of first aid measures**· **After inhalation:** Supply fresh air; consult doctor in case of complaints.· **After skin contact:** Generally the product does not irritate the skin.· **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:** If symptoms persist consult doctor.· **Information for doctor:**· **Most important symptoms and effects, both acute and delayed** No further relevant information available.· **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

\* **5 Fire-fighting measures**· **Extinguishing media**· **Suitable extinguishing agents:**CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.· **Special hazards arising from the substance or mixture** No further relevant information available.

(Contd. on page 4)



Trade name: 19393 GM Victory Red WA9260

(Contd. of page 3)

- **Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.

## 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.
- **Protective Action Criteria for Chemicals**

### · PAC-1:

|            |                                      |           |
|------------|--------------------------------------|-----------|
| 67-64-1    | acetone                              | 200 ppm   |
| 108-10-1   | 4-methylpentan-2-one                 | 75 ppm    |
| 123-86-4   | n-butyl acetate                      | 5 ppm     |
| 110-19-0   | isobutyl acetate                     | 450 ppm   |
| 763-69-9   | ethyl 3-ethoxypropionate             | 1.6 ppm   |
| 108-65-6   | 2-methoxy-1-methylethyl acetate      | 50 ppm    |
| 108-88-3   | toluene                              | 67 ppm    |
| 110-43-0   | heptan-2-one                         | 150 ppm   |
| 7727-43-7  | barium sulphate, natural             | 15 mg/m3  |
| 13463-67-7 | titanium dioxide                     | 30 mg/m3  |
| 25322-68-3 | Polyethylene glycol                  | 30 mg/m3  |
| 95-63-6    | 1,2,4-trimethylbenzene               | 140 ppm   |
| 14302-13-7 | PHTHALO GREEN PIGMENT                | 12 mg/m3  |
| 1330-20-7  | xylene                               | 130 ppm   |
| 7631-86-9  | silicon dioxide, chemically prepared | 18 mg/m3  |
| 100-41-4   | ethylbenzene                         | 33 ppm    |
| 108-83-8   | 2,6-dimethylheptan-4-one             | 75 ppm    |
| 57-55-6    | Methyl glycol                        | 30 mg/m3  |
| 78-83-1    | butanol                              | 150 ppm   |
| 21645-51-2 | aluminium hydroxide                  | 8.7 mg/m3 |

### · PAC-2:

|          |                                 |           |
|----------|---------------------------------|-----------|
| 67-64-1  | acetone                         | 3200* ppm |
| 108-10-1 | 4-methylpentan-2-one            | 500 ppm   |
| 123-86-4 | n-butyl acetate                 | 200 ppm   |
| 110-19-0 | isobutyl acetate                | 1300* ppm |
| 763-69-9 | ethyl 3-ethoxypropionate        | 18 ppm    |
| 108-65-6 | 2-methoxy-1-methylethyl acetate | 1,000 ppm |

(Contd. on page 5)

**Trade name: 19393 GM Victory Red WA9260**

(Contd. of page 4)

|            |                                      |             |
|------------|--------------------------------------|-------------|
| 108-88-3   | toluene                              | 560 ppm     |
| 110-43-0   | heptan-2-one                         | 670 ppm     |
| 7727-43-7  | barium sulphate, natural             | 170 mg/m3   |
| 13463-67-7 | titanium dioxide                     | 330 mg/m3   |
| 25322-68-3 | Polyethylene glycol                  | 1,300 mg/m3 |
| 95-63-6    | 1,2,4-trimethylbenzene               | 360 ppm     |
| 14302-13-7 | PHTHALO GREEN PIGMENT                | 130 mg/m3   |
| 1330-20-7  | xylene                               | 920* ppm    |
| 7631-86-9  | silicon dioxide, chemically prepared | 740 mg/m3   |
| 100-41-4   | ethylbenzene                         | 1100* ppm   |
| 108-83-8   | 2,6-dimethylheptan-4-one             | 330 ppm     |
| 57-55-6    | Methyl glycol                        | 1,300 mg/m3 |
| 78-83-1    | butanol                              | 1,300 ppm   |
| 21645-51-2 | aluminium hydroxide                  | 73 mg/m3    |

**· PAC-3:**

|            |                                      |             |
|------------|--------------------------------------|-------------|
| 67-64-1    | acetone                              | 5700* ppm   |
| 108-10-1   | 4-methylpentan-2-one                 | 3000* ppm   |
| 123-86-4   | n-butyl acetate                      | 3000* ppm   |
| 110-19-0   | isobutyl acetate                     | 7500** ppm  |
| 763-69-9   | ethyl 3-ethoxypropionate             | 110 ppm     |
| 108-65-6   | 2-methoxy-1-methylethyl acetate      | 5000* ppm   |
| 108-88-3   | toluene                              | 3700* ppm   |
| 110-43-0   | heptan-2-one                         | 4000* ppm   |
| 7727-43-7  | barium sulphate, natural             | 990 mg/m3   |
| 13463-67-7 | titanium dioxide                     | 2,000 mg/m3 |
| 25322-68-3 | Polyethylene glycol                  | 7,700 mg/m3 |
| 95-63-6    | 1,2,4-trimethylbenzene               | 480 ppm     |
| 14302-13-7 | PHTHALO GREEN PIGMENT                | 790 mg/m3   |
| 1330-20-7  | xylene                               | 2500* ppm   |
| 7631-86-9  | silicon dioxide, chemically prepared | 4,500 mg/m3 |
| 100-41-4   | ethylbenzene                         | 1800* ppm   |
| 108-83-8   | 2,6-dimethylheptan-4-one             | 2000* ppm   |
| 57-55-6    | Methyl glycol                        | 7,900 mg/m3 |
| 78-83-1    | butanol                              | 8000* ppm   |
| 21645-51-2 | aluminium hydroxide                  | 440 mg/m3   |

\*

## 7 Handling and storage

- **Handling:**
- **Precautions for safe handling** No special measures required.
- **Information about protection against explosions and fires:**  
Do not spray on a naked flame or any incandescent material.

(Contd. on page 6)



**Trade name: 19393 GM Victory Red WA9260**

(Contd. of page 5)

Keep ignition sources away - Do not smoke.  
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.

- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Observe official regulations on storing packagings with pressurized containers.
- **Information about storage in one common storage facility:** Store away from oxidizing agents.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**  
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.  
At this time, the other constituents have no known exposure limits.

### 67-64-1 acetone

|     |  |
|-----|--|
| PEL | Long-term value: 2400 mg/m <sup>3</sup> , 1000 ppm   |
| REL | Long-term value: 590 mg/m <sup>3</sup> , 250 ppm   |
| TLV | Short-term value: 1187 mg/m <sup>3</sup> , 500 ppm<br>Long-term value: 594 mg/m <sup>3</sup> , 250 ppm |
| BEI |  |

### 108-10-1 4-methylpentan-2-one

|     |   |
|-----|---|
| PEL | Long-term value: 410 mg/m <sup>3</sup> , 100 ppm  |
| REL | Short-term value: 300 mg/m <sup>3</sup> , 75 ppm<br>Long-term value: 205 mg/m <sup>3</sup> , 50 ppm |
| TLV | Short-term value: 307 mg/m <sup>3</sup> , 75 ppm<br>Long-term value: 82 mg/m <sup>3</sup> , 20 ppm  |
| BEI |   |

### 123-86-4 n-butyl acetate

|     |  |
|-----|--|
| PEL | Long-term value: 710 mg/m <sup>3</sup> , 150 ppm   |
| REL | Long-term value: 950 mg/m <sup>3</sup> , 200 ppm   |
| TLV | Short-term value: 712 mg/m <sup>3</sup> , 150 ppm<br>Long-term value: 238 mg/m <sup>3</sup> , 50 ppm |

### 110-19-0 isobutyl acetate

|     |  |
|-----|--|
| PEL | Long-term value: 700 mg/m <sup>3</sup> , 150 ppm   |
| REL | Long-term value: 700 mg/m <sup>3</sup> , 150 ppm   |
| TLV | Short-term value: 172 mg/m <sup>3</sup> , 150 ppm<br>Long-term value: 238 mg/m <sup>3</sup> , 50 ppm |

### 108-65-6 2-methoxy-1-methylethyl acetate

|      |                         |
|------|-------------------------|
| WEEL | Long-term value: 50 ppm |
|------|-------------------------|

(Contd. on page 7)



**Trade name: 19393 GM Victory Red WA9260**

(Contd. of page 6)

**108-88-3 toluene**

|     |   |
|-----|---|
| PEL | Long-term value: 200 ppm<br>Ceiling limit value: 300; 500* ppm<br>*10-min peak per 8-hr shift         |
| REL | Short-term value: 560 mg/m <sup>3</sup> , 150 ppm<br>Long-term value: 375 mg/m <sup>3</sup> , 100 ppm |
| TLV | Long-term value: 75 mg/m <sup>3</sup> , 20 ppm<br>BEI   |

**· Ingredients with biological limit values:**

**67-64-1 acetone**

|     |  |
|-----|--|
| BEI | 50 mg/L<br>Medium: urine<br>Time: end of shift<br>Parameter: Acetone (nonspecific) |
|-----|--|

**108-10-1 4-methylpentan-2-one**

|     |  |
|-----|--|
| BEI | 1 mg/L<br>Medium: urine<br>Time: end of shift<br>Parameter: MIBK |
|-----|--|

**108-88-3 toluene**

|     |  |
|-----|--|
| BEI | 0.02 mg/L<br>Medium: blood<br>Time: prior to last shift of workweek<br>Parameter: Toluene                      |
|     | 0.03 mg/L<br>Medium: urine<br>Time: end of shift<br>Parameter: Toluene   |
|     | 0.3 mg/g creatinine<br>Medium: urine<br>Time: end of shift<br>Parameter: o-Cresol with hydrolysis (background) |

**· Additional information:** The lists that were valid during the creation were used as basis.

**· Exposure controls**

**· Personal protective equipment:**

**· General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing.  
Wash hands before breaks and at the end of work.  
Store protective clothing separately.  
Avoid contact with the eyes.  
Avoid contact with the eyes and skin.

**· Breathing equipment:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

(Contd. on page 8)



**Trade name: 19393 GM Victory Red WA9260**

(Contd. of page 7)

· **Protection of hands:**

*Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.*

*Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation*



Protective gloves

*The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.*

· **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.*

· **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:**

*Safety glasses*



Tightly sealed goggles

## 9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

|                        |                 |
|------------------------|-----------------|
| <b>Form:</b>           | Aerosol         |
| <b>Color:</b>          | Red             |
| <b>Odor:</b>           | Characteristic  |
| <b>Odor threshold:</b> | Not determined. |

· **pH-value:** Not determined.

· **Change in condition**

|                                     |               |
|-------------------------------------|---------------|
| <b>Melting point/Melting range:</b> | Undetermined. |
| <b>Boiling point/Boiling range:</b> | 55 °C         |

· **Flash point:** -103 °C

· **Flammability (solid, gaseous):** Not applicable.

· **Ignition temperature:** 370 °C

· **Decomposition temperature:** Not determined.

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** In use, may form flammable/explosive vapour-air mixture.  
Avoid high heat

· **Explosion limits:**

|               |           |
|---------------|-----------|
| <b>Lower:</b> | 1.9 Vol % |
|---------------|-----------|

(Contd. on page 9)





Trade name: 19393 GM Victory Red WA9260

(Contd. of page 8)

|   |  |
|---|--|
| <b>Upper:</b>                                     | 13.0 Vol %                                 |
| · <b>Vapor pressure at 20 °C:</b>                 | 233 hPa                                    |
| · <b>Density at 20 °C:</b>                        | 0.7389 g/cm <sup>3</sup>                   |
| · <b>Relative density</b>                         | Not determined.                            |
| · <b>Vapor density</b>                            | Not determined.                            |
| · <b>Evaporation rate</b>                         | Not applicable.                            |
| · <b>Solubility in / Miscibility with Water:</b>  | Not miscible or difficult to mix.          |
| · <b>Partition coefficient (n-octanol/water):</b> | Not determined.                            |
| · <b>Viscosity:</b>                               |  |
| <b>Dynamic:</b>                                   | Not determined.                            |
| <b>Kinematic:</b>                                 | Not determined.                            |
| · <b>Solvent content:</b>                         |  |
| <b>Organic solvents:</b>                          | 92.4 %                                     |
| <b>VOC content:</b>                               | 54.5 %                                     |
|   | 623.9 g/l / 5.21 lb/gal                    |
| · <b>Solids content:</b>                          | 7.6 %                                      |
| · <b>Other information</b>                        | No further relevant information available. |

## 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:**
  - Nitrogen oxides
  - Hydrocarbons
  - Carbon monoxide and carbon dioxide

## 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:**

| 108-88-3 toluene |          |                      |
|------------------|----------|----------------------|
| Oral             | LD50     | 5000 mg/kg (rat)     |
| Dermal           | LD50     | 12124 mg/kg (rabbit) |
| Inhalative       | LC50/4 h | 5320 mg/l (mouse)    |

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.

(Contd. on page 10)

USA



**Trade name: 19393 GM Victory Red WA9260**

(Contd. of page 9)

· **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:  
Irritant

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

|            |                                      |                                     |
|------------|--------------------------------------|-------------------------------------|
| 108-10-1   | 4-methylpentan-2-one                 | 2B                                  |
| 108-88-3   | toluene                              | 3                                   |
|            | BENTONITE                            | suspected carcinogen <2% 14808-60-7 |
| 13463-67-7 | titanium dioxide                     | 2B                                  |
| 1330-20-7  | xylene                               | 3                                   |
| 7631-86-9  | silicon dioxide, chemically prepared | 3                                   |
| 100-41-4   | ethylbenzene                         | 2B                                  |

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

**12 Ecological information**

· **Toxicity**

· **Aquatic toxicity:** No further relevant information available.

· **Persistence and degradability** No further relevant information available.

· **Behavior in environmental systems:**

· **Bioaccumulative potential** No further relevant information available.

· **Mobility in soil** No further relevant information available.

· **Additional ecological information:**

· **General notes:**

Water hazard class 3 (Self-assessment): extremely hazardous for water

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Danger to drinking water if even extremely small quantities leak into the ground.

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **Other adverse effects** No further relevant information available.

**13 Disposal considerations**

· **Waste treatment methods**

· **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packagings:**




· **Recommendation:** Disposal must be made according to official regulations.



Trade name: 19393 GM Victory Red WA9260

(Contd. of page 10)

## 14 Transport information

|   |  |
|---|--|
| · UN-Number   | UN1950   |
| · DOT, ADR, IMDG, IATA  |  |
| · UN proper shipping name   | Aerosols, flammable  |
| · DOT   | 1950 Aerosols  |
| · ADR   | AEROSOLS   |
| · IMDG  | AEROSOLS, flammable  |
| · IATA  |  |
| · Transport hazard class(es)  |  |
| · DOT   |  |
|    |  |
| · Class   | 2.1  |
| · Label   | 2.1  |
| · ADR   |  |
|   |  |
| · Class   | 2 5F Gases   |
| · Label   | 2.1  |
| · IMDG, IATA  |  |
|  |  |
| · Class   | 2.1  |
| · Label   | 2.1  |
| · Packing group   |  |
| · DOT, ADR, IMDG, IATA  | Void   |
| · Environmental hazards:  |  |
| · Marine pollutant:   | No   |
| · Special precautions for user  | Warning: Gases   |
| · EMS Number:   | F-D,S-U  |
| · Stowage Code  | SW1 Protected from sources of heat.<br>SW22 For AEROSOLS with a maximum capacity of 1 litre:<br>Category A. For AEROSOLS with a capacity above 1 litre:<br>Category B. For WASTE AEROSOLS: Category C, Clear of living<br>quarters.  |
| · Segregation Code  | SG69 For AEROSOLS with a maximum capacity of 1 litre:<br>Segregation as for class 9. Stow "separated from" class 1 except for<br>division 1.4. For AEROSOLS with a capacity above 1 litre:<br>Segregation as for the appropriate subdivision of class 2. For<br>WASTE AEROSOLS: Segregation as for the appropriate subdivision |

(Contd. on page 12)

USA



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**Trade name: 19393 GM Victory Red WA9260**

(Contd. of page 11)

|  |   |
|--|---|
| · <i>of class 2.</i>   |   |
| · <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> | <i>Not applicable.</i>  |
| · <b>Transport/Additional information:</b>                                       |   |
| · <b>DOT</b>   |   |
| · <b>Quantity limitations</b>  | <i>On passenger aircraft/rail: 75 kg<br/>On cargo aircraft only: 150 kg</i> |
| · <b>ADR</b>   |   |
| · <b>Excepted quantities (EQ)</b>  | <i>Code: E0<br/>Not permitted as Excepted Quantity</i>                      |
| · <b>IMDG</b>  |   |
| · <b>Limited quantities (LQ)</b>   | <i>1L</i>   |
| · <b>Excepted quantities (EQ)</b>  | <i>Code: E0<br/>Not permitted as Excepted Quantity</i>                      |
| · <b>UN "Model Regulation":</b>  | <i>UN 1950 AEROSOLS, 2.1</i>  |

\*

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**

|  |   |
|--|---|
| · <b>Section 355 (extremely hazardous substances):</b>   |   |
| <i>None of the ingredient is listed.</i>                 |   |
| · <b>Section 313 (Specific toxic chemical listings):</b> |   |
| 108-10-1   | <i>4-methylpentan-2-one</i>   |
|  | <i>Acrylic Resin</i>  |
| 108-88-3   | <i>toluene</i>  |
| 7727-43-7  | <i>barium sulphate, natural</i>                                       |
| 95-63-6  | <i>1,2,4-trimethylbenzene</i>   |
| 1330-20-7  | <i>xylene</i>   |
| 100-41-4   | <i>ethylbenzene</i>   |
| · <b>TSCA (Toxic Substances Control Act):</b>            |   |
| 67-64-1  | <i>acetone</i>  |
| 108-10-1   | <i>4-methylpentan-2-one</i>   |
| 123-86-4   | <i>n-butyl acetate</i>  |
| 110-19-0   | <i>isobutyl acetate</i>   |
| 763-69-9   | <i>ethyl 3-ethoxypropionate</i>                                       |
| 108-65-6   | <i>2-methoxy-1-methylethyl acetate</i>                                |
| 108-88-3   | <i>toluene</i>  |
| 9004-36-8  | <i>Cellulose Acetate Butyrate</i>                                     |
| 110-43-0   | <i>heptan-2-one</i>   |
| 6358-30-1  | <i>Violet Pigment</i>   |
| 16883-83-3   | <i>benzyl 3-isobutryloxy-1-isopropyl-2-2-dimethylpropyl phthalate</i> |

(Contd. on page 13)



Trade name: 19393 GM Victory Red WA9260

(Contd. of page 12)

|             |  |
|-------------|--|
| 7727-43-7   | barium sulphate, natural   |
| 13463-67-7  | titanium dioxide   |
| 41556-26-7  | bis(1,2,2,6,6-Pentamethyl-4-piperidiny) sebacate   |
| 104810-48-2 | poly(oxy-1,2-ethanediyl), $\alpha$ -[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]- $\omega$ -hydroxy-   |
| 104810-47-1 | poly(oxy-1,2-ethanediyl), $\alpha$ -[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]- $\omega$ -[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]- |
| 5567-15-7   | Novaperm yellow HR02   |
| 82919-37-7  | Methyl (1,2,2,6,6,- pentamethyl-4-piperidiny) sebacate   |
| 25322-68-3  | Polyethylene glycol  |
| 95-63-6     | 1,2,4-trimethylbenzene   |
| 14302-13-7  | PHTHALO GREEN PIGMENT  |
| 1330-20-7   | xylene   |
| 106-79-6    | Dimethyl sebacate(Impurity)  |
| 7631-86-9   | silicon dioxide, chemically prepared   |
| 2403-89-6   | 4-Piperidinol, 1,2,2,6,6 pentamethyl- (Impurity)   |
| 100-41-4    | ethylbenzene   |
| 9038-95-3   | OXIRANE,ME, POLYMER  |
| 108-83-8    | 2,6-dimethylheptan-4-one   |
| 19549-80-5  | 4,6-dimethylheptan-2-one   |
| 57-55-6     | Methyl glycol  |

## · Proposition 65

## · Chemicals known to cause cancer:

|            |                        |
|------------|------------------------|
| 108-10-1   | 4-methylpentan-2-one   |
| 13463-67-7 | titanium dioxide       |
| 95-63-6    | 1,2,4-trimethylbenzene |
| 1330-20-7  | xylene                 |
| 100-41-4   | ethylbenzene           |

## · Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

## · Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

## · Chemicals known to cause developmental toxicity:

|          |                      |
|----------|----------------------|
| 108-10-1 | 4-methylpentan-2-one |
| 108-88-3 | toluene              |

## · Cancerogenity categories

## · EPA (Environmental Protection Agency)

|           |                          |                       |
|-----------|--------------------------|-----------------------|
| 67-64-1   | acetone                  | I                     |
| 108-10-1  | 4-methylpentan-2-one     | I                     |
| 108-88-3  | toluene                  | II                    |
| 7727-43-7 | barium sulphate, natural | D, CBD(inh), NL(oral) |

(Contd. on page 14)

**Trade name: 19393 GM Victory Red WA9260**

(Contd. of page 13)

|           |                        |    |
|-----------|------------------------|----|
| 95-63-6   | 1,2,4-trimethylbenzene | II |
| 1330-20-7 | xylene                 | I  |
| 100-41-4  | ethylbenzene           | D  |

· **TLV (Threshold Limit Value established by ACGIH)**

|            |                  |    |
|------------|------------------|----|
| 67-64-1    | acetone          | A4 |
| 108-88-3   | toluene          | A4 |
| 13463-67-7 | titanium dioxide | A4 |
| 1330-20-7  | xylene           | A4 |
| 100-41-4   | ethylbenzene     | A3 |

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

|            |                  |
|------------|------------------|
| 13463-67-7 | titanium dioxide |
|------------|------------------|

· **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms**



GHS02   GHS04   GHS07   GHS08

· **Signal word** *Danger*

· **Hazard-determining components of labeling:**

acetone  
4-methylpentan-2-one  
toluene  
n-butyl acetate

· **Hazard statements**

H222 Extremely flammable aerosol.  
H280 Contains gas under pressure; may explode if heated.  
H319 Causes serious eye irritation.  
H351 Suspected of causing cancer.  
H361 Suspected of damaging fertility or the unborn child.  
H336 May cause drowsiness or dizziness.  
H373 May cause damage to organs through prolonged or repeated exposure.

· **Precautionary statements**

P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Do not pierce or burn, even after use.  
P260 Do not breathe dust/fume/gas/mist/vapors/spray.  
P264 Wash thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313 IF exposed or concerned: Get medical advice/attention.  
P312 Call a POISON CENTER/doctor if you feel unwell.  
P314 Get medical advice/attention if you feel unwell.

(Contd. on page 15)

Printing date 06/28/2017

Reviewed on 06/28/2017

**Trade name: 19393 GM Victory Red WA9260**

(Contd. of page 14)

- P337+P313 *If eye irritation persists: Get medical advice/attention.*  
P403+P233 *Store in a well-ventilated place. Keep container tightly closed.*  
P405 *Store locked up.*  
P410+P403 *Protect from sunlight. Store in a well-ventilated place.*  
P410+P412 *Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.*  
P501 *Dispose of contents/container in accordance with local/regional/national/international regulations.*
- **Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.*

## 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 SDS:** *Environment protection department.*  
· **Contact:** *Steve Gaver (sgaver@semproducts.com)*  
· **Date of preparation / last revision** 06/28/2017 / 16  
· **Abbreviations and acronyms:**  
RID: *Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)*  
ICAO: *International Civil Aviation Organisation*  
ADR: *Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)*  
IMDG: *International Maritime Code for Dangerous Goods*  
DOT: *US Department of Transportation*  
IATA: *International Air Transport Association*  
ACGIH: *American Conference of Governmental Industrial Hygienists*  
EINECS: *European Inventory of Existing Commercial Chemical Substances*  
ELINCS: *European List of Notified Chemical Substances*  
CAS: *Chemical Abstracts Service (division of the American Chemical Society)*  
NFPA: *National Fire Protection Association (USA)*  
HMIS: *Hazardous Materials Identification System (USA)*  
VOC: *Volatile Organic Compounds (USA, EU)*  
LC50: *Lethal concentration, 50 percent*  
LD50: *Lethal dose, 50 percent*  
PBT: *Persistent, Bioaccumulative and Toxic*  
vPvB: *very Persistent and very Bioaccumulative*  
NIOSH: *National Institute for Occupational Safety*  
OSHA: *Occupational Safety & Health*  
TLV: *Threshold Limit Value*  
PEL: *Permissible Exposure Limit*  
REL: *Recommended Exposure Limit*  
BEI: *Biological Exposure Limit*  
Flam. Aerosol 1: *Aerosols – Category 1*  
Press. Gas: *Gases under pressure – Compressed gas*  
Eye Irrit. 2A: *Serious eye damage/eye irritation – Category 2A*  
Carc. 2: *Carcinogenicity – Category 2*  
Repr. 2: *Reproductive toxicity – Category 2*  
STOT SE 3: *Specific target organ toxicity (single exposure) – Category 3*  
STOT RE 2: *Specific target organ toxicity (repeated exposure) – Category 2*
- **\* Data compared to the previous version altered.**

USA