

# SAFETY DATA SHEET

Revision date 1-Sep-2023

Version 1

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**Product identifier**

**Product Code** AE SERIES

**Product Name** AE 2.8 Series Mixed Color Acrylic Enamel

**Recommended use of the chemical and restrictions on use**

Paint, Coatings

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

*See section 16 for more information*

TCP Global Corporation  
6251 Howdy Wells Ave.,  
Las Vegas, NV 89115

**Emergency telephone number**

**Customer Service** (858) 909-2110  
**CHEMTREC** (800) 424-9300

## Section 2: HAZARDS IDENTIFICATION

**Classification**

|  |             |
|--|-------------|
| Acute toxicity - Inhalation (Dusts/Mists)          | Category 4  |
| Skin corrosion/irritation                          | Category 2  |
| Serious eye damage/eye irritation                  | Category 2  |
| Skin sensitization                                 | Category 1A |
| Carcinogenicity                                    | Category 1A |
| Reproductive toxicity                              | Category 2  |
| Specific target organ toxicity (single exposure)   | Category 3  |
| Specific target organ toxicity (repeated exposure) | Category 1  |

|                     |            |
|---------------------|------------|
| Aspiration toxicity | Category 1 |
| Flammable liquids   | Category 2 |

### Label elements



Signal word

**DANGER**

### **HAZARD STATEMENTS**

Highly flammable liquid and vapor  
 Harmful if inhaled  
 Causes skin irritation  
 Causes serious eye irritation  
 May cause an allergic skin reaction  
 May cause cancer  
 Suspected of damaging fertility or the unborn child  
 Causes damage to organs through prolonged or repeated exposure  
 May be fatal if swallowed and enters airways  
 May cause drowsiness or dizziness  
 May cause respiratory irritation

### **PREVENTION**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Use only outdoors or in a well-ventilated area. Wash face, hands and any exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ ventilating/ lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

### **RESPONSE**

IF exposed or concerned: Get medical advice/attention.

#### **Eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

#### **Skin**

If skin irritation or rash occurs: Get medical advice/attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. Wash contaminated clothing before reuse.

#### **Inhalation**

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

#### **Ingestion**

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

#### **Fire**

In case of fire: Use CO2, dry chemical, or foam for extinction.

### **STORAGE**

Store locked up. Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool.

### **DISPOSAL**

Dispose of contents/containers in accordance with local regulations.

### **HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)**

No information available.

## OTHER HAZARDS

Spontaneously combustible material. Risk of self-ignition of used cleaning rags, paper wipes etc. Contaminated materials should be soaked in water and placed in a closed metal container before disposal.

This document represents the broadest array of ingredient composition, hazard, and precautionary information for coatings produced from specified components of this Valspar product series and mixed according to Valspar instructions. The information presented in this SDS may overstate the actual ingredients contained in and the hazards and precautionary warnings recommended for the particular coating for which it is provided.

**UNKNOWN ACUTE TOXICITY** 0% of the mixture consists of ingredient(s) of unknown toxicity.

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                                  | CAS No     | weight-%  |
|--|------------|-----------|
| Titanium dioxide                               | 13463-67-7 | 0 - 40    |
| Methyl acetate                                 | 79-20-9    | 20 - 40   |
| Benzene, 1-chloro-4-(trifluoromethyl)-         | 98-56-6    | 10 - 30   |
| n-Butyl acetate                                | 123-86-4   | 0 - 30    |
| Toluene  | 108-88-3   | 5 - 20    |
| Xylenes  | 1330-20-7  | 0 - 20    |
| Carbon black                                   | 1333-86-4  | 0 - 10    |
| Methyl n-amyl ketone                           | 110-43-0   | 0 - 5     |
| Naphtha, petroleum, hydrotreated heavy         | 64742-48-9 | 0.1 - 1   |
| 2-Pentanone, 4-methyl-                         | 108-10-1   | 0 - 5     |
| Solvent naphtha, petroleum, light aromatic     | 64742-95-6 | 0 - 5     |
| Ethylene glycol monobutyl ether acetate        | 112-07-2   | 0.3 - 5   |
| Ethylbenzene                                   | 100-41-4   | 0 - 3     |
| Manganese dioxide                              | 1313-13-9  | 0 - 3     |
| Benzene, 1,2,4-trimethyl-                      | 95-63-6    | 0.1 - 3   |
| Methyl propyl ketone                           | 107-87-9   | 1 - 3     |
| Stoddard solvent                               | 8052-41-3  | 0 - 3     |
| 2-Butanone, oxime                              | 96-29-7    | 0.3 - 1   |
| Quartz   | 14808-60-7 | 0 - 1     |
| Zirconium ethyl hexoate                        | 22464-99-9 | 0 - 0.2   |
| Proprietary Additive                           | UNKNOWN    | 0.1 - 0.3 |
| Styrene  | 100-42-5   | 0 - 0.2   |
| Hexanoic acid, 2-ethyl-, cobalt(2+) salt (2:1) | 136-52-7   | 0 - 0.1   |

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

## Section 4: FIRST AID MEASURES

### First Aid Measures

#### General advice

IF exposed or concerned: Get medical advice/attention.

#### Eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

#### Skin Contact

If skin irritation or rash occurs: Get medical advice/attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. Wash contaminated clothing before reuse.

#### Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

#### Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

**Section 5: FIRE FIGHTING MEASURES**

**Suitable extinguishing media**

Dry chemical, CO<sub>2</sub>, water spray or alcohol-resistant foam.

Not to be used for safety reasons: Strong water jet

**Specific hazards arising from the chemical**

Burning produces heavy smoke. Fire may produce irritating and/or toxic gases. In the event of fire and/or explosion do not breathe fumes. May cause sensitization by skin contact. spontaneously combustible material. Risk of self-ignition of used cleaning rags, paper wipes etc. Contaminated materials should be soaked in water and placed in a closed metal container before disposal. Keep product and empty container away from heat and sources of ignition.

**Special protective equipment for fire-fighters**

Wear self-contained breathing apparatus and protective suit. Cool containers with flooding quantities of water until well after fire is out. Do not allow run-off from fire-fighting to enter drains or water courses.

**Section 6: ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions**

Avoid breathing vapors or mists. Remove all sources of ignition. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak. Evacuate personnel to safe areas. Take precautionary measures against static discharges.

**For emergency responders**

Use personal protection recommended in Section 8.

**Environmental precautions**

Do not allow into any sewer, on the ground or into any body of water. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations. Prevent further leakage or spillage if safe to do so. Local authorities should be advised if significant spillages cannot be contained.

**Methods and material for containment and cleaning up**

**Methods for containment**

Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up**

Dispose of waste product or used containers according to local regulations. Clean with detergents. Avoid solvent cleaners. Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. Take up mechanically, placing in appropriate containers for disposal.

**Section 7: HANDLING AND STORAGE**

**Precautions for safe handling**

### Advice on safe handling

Prevent the creation of flammable or explosive concentrations of vapor in air and avoid vapor concentration higher than the occupational exposure limits. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Use personal protection recommended in Section 8. Never use pressure to empty container. Comply with the health and safety at work laws. Prevent product from entering drains. Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Use only with adequate ventilation. Do not breathe dust/fume/gas/mist/vapors/spray. Use only in well-ventilated areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded. Risk of self-ignition of used cleaning rags, paper wipes etc. Contaminated materials should be soaked in water and placed in a closed metal container before disposal.

### General Hygiene Considerations

When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Avoid contact with skin, eyes or clothing.

### Conditions for safe storage, including any incompatibilities

#### Storage Conditions

Keep/store only in original container. Store in accordance with local regulations. Keep unauthorized personnel away. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed in a dry and well-ventilated place. Keep tightly closed in a dry and cool place.

#### Incompatible materials

Water. Bases. Strong bases. Strong oxidizing agents. Strong acids. Acids. Strong reducing agents. Alkali. Combustible material. Hydrazine.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Limits

If S\* appears in the OEL table, it indicates this chemical contains a skin notation.

| Chemical Name  | ACGIH TLV                                   | OSHA PEL  | NIOSH IDLH  |
|--|---|---|---|
| Titanium dioxide<br>13463-67-7                       | TWA: 10 mg/m <sup>3</sup>                   | TWA: 15 mg/m <sup>3</sup> total dust                            | IDLH: 5000 mg/m <sup>3</sup>  |
| Methyl acetate<br>79-20-9                            | STEL: 250 ppm<br>TWA: 200 ppm               | TWA: 200 ppm<br>TWA: 610 mg/m <sup>3</sup>                      | IDLH: 3100 ppm<br>TWA: 200 ppm<br>TWA: 610 mg/m <sup>3</sup><br>STEL: 250 ppm<br>STEL: 760 mg/m <sup>3</sup>  |
| Benzene,<br>1-chloro-4-(trifluoromethyl)-<br>98-56-6 | TWA: 2.5 mg/m <sup>3</sup> F                | TWA: 2.5 mg/m <sup>3</sup> F<br>TWA: 2.5 mg/m <sup>3</sup> dust |   |
| n-Butyl acetate<br>123-86-4                          | STEL: 200 ppm<br>TWA: 150 ppm               | TWA: 150 ppm<br>TWA: 710 mg/m <sup>3</sup>                      | IDLH: 1700 ppm<br>TWA: 150 ppm<br>TWA: 710 mg/m <sup>3</sup><br>STEL: 200 ppm<br>STEL: 950 mg/m <sup>3</sup>  |
| Toluene<br>108-88-3                                  | TWA: 20 ppm                                 | TWA: 200 ppm<br>Ceiling: 300 ppm                                | IDLH: 500 ppm<br>TWA: 100 ppm<br>TWA: 375 mg/m <sup>3</sup><br>STEL: 150 ppm<br>STEL: 560 mg/m <sup>3</sup>   |
| Xylenes<br>1330-20-7                                 | STEL: 150 ppm<br>TWA: 100 ppm               | TWA: 100 ppm<br>TWA: 435 mg/m <sup>3</sup>                      |   |
| Carbon black<br>1333-86-4                            | TWA: 3 mg/m <sup>3</sup> inhalable fraction | TWA: 3.5 mg/m <sup>3</sup>                                      | IDLH: 1750 mg/m <sup>3</sup><br>TWA: 3.5 mg/m <sup>3</sup><br>TWA: 0.1 mg/m <sup>3</sup> Carbon black in<br>presence of Polycyclic aromatic<br>hydrocarbons PAH |
| Methyl n-amyl ketone<br>110-43-0                     | TWA: 50 ppm                                 | TWA: 100 ppm<br>TWA: 465 mg/m <sup>3</sup>                      | IDLH: 800 ppm<br>TWA: 100 ppm<br>TWA: 465 mg/m <sup>3</sup>   |

|  |  |   |   |
|--|--|---|---|
| 2-Pentanone, 4-methyl-<br>108-10-1                     | STEL: 75 ppm<br>TWA: 20 ppm  | TWA: 100 ppm<br>TWA: 410 mg/m <sup>3</sup>  | IDLH: 500 ppm<br>TWA: 50 ppm<br>TWA: 205 mg/m <sup>3</sup><br>STEL: 75 ppm<br>STEL: 300 mg/m <sup>3</sup>                       |
| Ethylene glycol monobutyl ether<br>acetate<br>112-07-2 | TWA: 20 ppm  |   | TWA: 5 ppm<br>TWA: 33 mg/m <sup>3</sup>   |
| Ethylbenzene<br>100-41-4                               | TWA: 20 ppm  | TWA: 100 ppm<br>TWA: 435 mg/m <sup>3</sup>  | IDLH: 800 ppm<br>TWA: 100 ppm<br>TWA: 435 mg/m <sup>3</sup><br>STEL: 125 ppm<br>STEL: 545 mg/m <sup>3</sup>                     |
| Manganese dioxide<br>1313-13-9                         | TWA: 0.02 mg/m <sup>3</sup> Mn respirable<br>fraction<br>TWA: 0.1 mg/m <sup>3</sup> Mn inhalable<br>fraction | Ceiling: 5 mg/m <sup>3</sup> Mn   | IDLH: 500 mg/m <sup>3</sup> Mn<br>TWA: 1 mg/m <sup>3</sup> Mn<br>STEL: 3 mg/m <sup>3</sup> Mn                                   |
| Benzene, 1,2,4-trimethyl-<br>95-63-6                   | TWA: 25 ppm  |   | TWA: 25 ppm<br>TWA: 125 mg/m <sup>3</sup>   |
| m-Xylene<br>108-38-3                                   | STEL: 150 ppm<br>TWA: 100 ppm  | TWA: 100 ppm<br>TWA: 435 mg/m <sup>3</sup>  | IDLH: 900 ppm<br>TWA: 100 ppm<br>TWA: 435 mg/m <sup>3</sup><br>STEL: 150 ppm<br>STEL: 655 mg/m <sup>3</sup>                     |
| Methyl propyl ketone<br>107-87-9                       | STEL: 150 ppm  | TWA: 200 ppm<br>TWA: 700 mg/m <sup>3</sup>  | IDLH: 1500 ppm<br>TWA: 150 ppm<br>TWA: 530 mg/m <sup>3</sup>  |
| Stoddard solvent<br>8052-41-3                          | TWA: 100 ppm   | TWA: 500 ppm<br>TWA: 2900 mg/m <sup>3</sup>   | IDLH: 20000 mg/m <sup>3</sup><br>Ceiling: 1800 mg/m <sup>3</sup> 15 min<br>TWA: 350 mg/m <sup>3</sup>                           |
| Quartz<br>14808-60-7                                   | TWA: 0.025 mg/m <sup>3</sup> respirable<br>fraction  | TWA: (30)/( %SiO <sub>2</sub> + 2) mg/m <sup>3</sup><br>TWA total dust<br>TWA: (250)/( %SiO <sub>2</sub> + 5) mppcf<br>TWA respirable fraction<br>TWA: (10)/( %SiO <sub>2</sub> + 2) mg/m <sup>3</sup><br>TWA respirable fraction | IDLH: 50 mg/m <sup>3</sup> respirable dust<br>TWA: 0.05 mg/m <sup>3</sup> respirable dust                                       |
| Zirconium ethyl hexoate<br>22464-99-9                  | STEL: 10 mg/m <sup>3</sup> Zr<br>TWA: 5 mg/m <sup>3</sup> Zr   | TWA: 5 mg/m <sup>3</sup> Zr   | IDLH: 25 mg/m <sup>3</sup> Zr<br>TWA: 5 mg/m <sup>3</sup> except Zirconium<br>tetrachloride Zr<br>STEL: 10 mg/m <sup>3</sup> Zr |
| Styrene<br>100-42-5                                    | STEL: 40 ppm<br>TWA: 20 ppm  | TWA: 100 ppm<br>Ceiling: 200 ppm  | IDLH: 700 ppm<br>TWA: 50 ppm<br>TWA: 215 mg/m <sup>3</sup><br>STEL: 100 ppm<br>STEL: 425 mg/m <sup>3</sup>                      |

### Appropriate engineering controls

#### **Engineering Controls**

Ensure adequate ventilation, especially in confined areas. Provide local exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

### Individual protection measures, such as personal protective equipment

#### **Eye/face protection**

Tight sealing safety goggles.

#### **Skin and body protection**

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Wear suitable protective clothing. Personnel should wear anti-static clothing made of natural fiber or of high temperature resistant synthetic fiber.

**Hand Protection**

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical / chemical damage and poor maintenance. Wear protective gloves.

**Respiratory protection**

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

**Thermal Protection**

No information available

|  |
|--|
| <b>Section 9: PHYSICAL AND CHEMICAL PROPERTIES</b> |
|--|

**Information on basic physical and chemical properties**

|                                      |                          |
|--------------------------------------|--------------------------|
| <b>Physical state</b>                | liquid                   |
| <b>Appearance</b>                    | No information available |
| <b>Odor</b>                          | Solvent                  |
| <b>Color</b>                         | No information available |
| <b>Odor Threshold</b>                | No information available |
| <b>pH value</b>                      | No information available |
| <b>Melting point/freezing point</b>  | No information available |
| <b>Boiling point / boiling range</b> | 57 °C / 135 °F           |
| <b>flash point</b>                   | -13 °C / 9 °F            |
| <b>evaporation rate</b>              | No information available |
| <b>Flammability (solid, gas)</b>     | No information available |
| <b>Flammability Limit in Air</b>     |                          |
| <b>Upper flammability limit:</b>     | No information available |
| <b>Lower flammability limit:</b>     | No information available |
| <b>Vapor Pressure</b>                | No information available |
| <b>vapor density</b>                 | No information available |
| <b>Density (lbs per US gallon)</b>   | 10.5                     |
| <b>specific gravity</b>              | 1.26                     |
| <b>Solubility(ies)</b>               | No information available |
| <b>Partition coefficient</b>         | No information available |
| <b>Autoignition temperature</b>      | No information available |
| <b>Decomposition temperature</b>     | No information available |
| <b>Kinematic viscosity</b>           | No information available |
| <b>Dynamic viscosity</b>             | No information available |

**Other information**

|   |
|---|
| <b>Section 10: STABILITY AND REACTIVITY</b> |
|---|

|   |  |
|---|--|
| <b>Reactivity</b>                         | No information available.  |
| <b>Chemical stability</b>                 | Stable under normal conditions.  |
| <b>Possibility of Hazardous Reactions</b> | None under normal processing.  |
| <b>Hazardous polymerization</b>           | None under normal processing.  |
| <b>Conditions to avoid</b>                | Heat, flames and sparks.   |
| <b>Incompatible materials</b>             | Water. Bases. Strong bases. Strong oxidizing agents. Strong acids. Acids. Strong reducing agents. Alkali. Combustible material. Hydrazine. |

**Hazardous Decomposition Products** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Nitrogen oxides (NO<sub>x</sub>). Hydrogen chloride. Hydrocarbons. Oxides of sulfur. Chlorine. Chlorine gas.

## Section 11: TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

**Eye contact**

Causes serious eye irritation

**Skin Contact**

Causes skin irritation

May cause an allergic skin reaction

**Ingestion**

May be fatal if swallowed and enters airways

**Inhalation**

May cause drowsiness or dizziness

May cause respiratory irritation

Harmful if inhaled

### Numerical measures of toxicity - Component Information

| Chemical Name   | Oral LD50                                    | Dermal LD50   | Inhalation LC50                                    |
|---|--|---|--|
| Titanium dioxide<br>13463-67-7                              | > 10000 mg/kg ( Rat )                        | -   | -  |
| Methyl acetate<br>79-20-9                                   | > 5 g/kg ( Rat )                             | > 5 g/kg ( Rabbit )                                 | = 16000 ppm ( Rat ) 4 h                            |
| Benzene,<br>1-chloro-4-(trifluoromethyl)-<br>98-56-6        | = 13 g/kg ( Rat )                            | > 2 mL/kg ( Rabbit )                                | = 33 mg/L ( Rat ) 4 h                              |
| n-Butyl acetate<br>123-86-4                                 | = 10768 mg/kg ( Rat )                        | > 17600 mg/kg ( Rabbit )                            | = 390 ppm ( Rat ) 4 h                              |
| Toluene<br>108-88-3   | = 2600 mg/kg ( Rat )                         | = 12000 mg/kg ( Rabbit )                            | = 12.5 mg/L ( Rat ) 4 h                            |
| Xylenes<br>1330-20-7  | = 3500 mg/kg ( Rat )                         | > 1700 mg/kg ( Rabbit ) > 4350<br>mg/kg ( Rabbit )  | = 29.08 mg/L ( Rat ) 4 h = 5000<br>ppm ( Rat ) 4 h |
| Carbon black<br>1333-86-4                                   | > 15400 mg/kg ( Rat )                        | > 3 g/kg ( Rabbit )                                 | -  |
| Methyl n-amyl ketone<br>110-43-0                            | = 1670 mg/kg ( Rat ) = 1600 mg/kg<br>( Rat ) | = 12600 µL/kg ( Rabbit ) = 12.6<br>mL/kg ( Rabbit ) | > 2000 ppm ( Rat ) 4 h                             |
| Naphtha, petroleum, hydrotreated<br>heavy<br>64742-48-9     | > 5000 mg/kg ( Rat )                         | > 3160 mg/kg ( Rabbit )                             | -  |
| 2-Pentanone, 4-methyl-<br>108-10-1                          | = 2080 mg/kg ( Rat )                         | = 3000 mg/kg ( Rabbit )                             | = 8.2 mg/L ( Rat ) 4 h                             |
| Solvent naphtha, petroleum, light<br>aromatic<br>64742-95-6 | = 8400 mg/kg ( Rat )                         | > 2000 mg/kg ( Rabbit )                             | = 3400 ppm ( Rat ) 4 h                             |
| Ethylene glycol monobutyl ether<br>acetate<br>112-07-2      | = 2400 mg/kg ( Rat )                         | = 1480 mg/kg ( Rabbit )                             | -  |
| Ethylbenzene<br>100-41-4                                    | = 3500 mg/kg ( Rat )                         | = 15400 mg/kg ( Rabbit )                            | = 17.2 mg/L ( Rat ) 4 h                            |
| Manganese dioxide<br>1313-13-9                              | = 9000 mg/kg ( Rat )                         | -   | -  |
| Benzene, 1,2,4-trimethyl-<br>95-63-6                        | = 3280 mg/kg ( Rat )                         | > 3160 mg/kg ( Rabbit )                             | = 18 g/m <sup>3</sup> ( Rat ) 4 h                  |
| m-Xylene<br>108-38-3  | = 5 g/kg ( Rat )                             | = 14100 µL/kg ( Rabbit )                            | -  |
| Methyl propyl ketone<br>107-87-9                            | = 1600 mg/kg ( Rat )                         | = 6480 mg/kg ( Rat ) = 6500 mg/kg<br>( Rabbit )     | = 2000 ppm ( Rat ) 4 h                             |
| Solvent naphtha, petroleum, light<br>aromatic<br>64742-95-6 | = 8400 mg/kg ( Rat )                         | > 2000 mg/kg ( Rabbit )                             | = 3400 ppm ( Rat ) 4 h                             |
| Stoddard solvent<br>8052-41-3                               | -  | -   | -  |
| 2-Butanone, oxime<br>96-29-7                                | = 930 mg/kg ( Rat )                          | 1000 - 1800 mg/kg ( Rabbit )                        | > 4800 mg/m <sup>3</sup> ( Rat ) 4 h               |

|  |                      |   |                         |
|--|----------------------|---|-------------------------|
| Quartz<br>14808-60-7                                       | = 500 mg/kg ( Rat )  | - | -                       |
| Zirconium ethyl hexoate<br>22464-99-9                      | -                    | - | -                       |
| Proprietary Additive<br>UNKNOWN                            | -                    | - | -                       |
| Styrene<br>100-42-5  | = 1000 mg/kg ( Rat ) | - | = 11.7 mg/L ( Rat ) 4 h |
| Hexanoic acid, 2-ethyl-, cobalt(2+) salt (2:1)<br>136-52-7 | -                    | - | -                       |

### Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

|                                      |            |
|--------------------------------------|------------|
| <b>ATEmix (oral)</b>                 | 4245 Mg/kg |
| <b>ATEmix (dermal)</b>               | 5713 Mg/kg |
| <b>ATEmix (inhalation-dust/mist)</b> | 3.9 mg/l   |
| <b>ATEmix (inhalation-vapor)</b>     | 30 mg/l    |

**UNKNOWN ACUTE TOXICITY** 0% of the mixture consists of ingredient(s) of unknown toxicity.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

#### Carcinogenicity

According to IARC, Volume 93, no significant exposure to primary particles of titanium dioxide is thought to occur from use in paints since the pigment is bound to other materials. According to IARC, Volume 93, no significant exposure to primary particles of carbon black is thought to occur from use in paints since the pigment is bound to other materials.

| Chemical Name   | ACGIH | IARC     | NTP                    | OSHA |
|---|-------|----------|------------------------|------|
| Titanium dioxide<br>13463-67-7                                |       | Group 2B |                        | X    |
| Carbon black<br>1333-86-4                                     | A3    | Group 2B |                        | X    |
| 2-Pentanone, 4-methyl-<br>108-10-1                            | A3    | Group 2B |                        | X    |
| Ethylene glycol<br>monobutyl ether acetate<br>112-07-2        | A3    |          |                        |      |
| Ethylbenzene<br>100-41-4                                      | A3    | Group 2B |                        | X    |
| Quartz<br>14808-60-7  | A2    | Group 1  | Known                  | X    |
| Styrene<br>100-42-5   |       | Group 2B | Reasonably Anticipated | X    |
| Hexanoic acid, 2-ethyl-,<br>cobalt(2+) salt (2:1)<br>136-52-7 |       | Group 2B |                        | X    |

**ACGIH (American Conference of Governmental Industrial Hygienists)**

A2 - Suspected Human Carcinogen. A3 - Animal Carcinogen.

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

Group 1 - Carcinogenic to Humans. Group 2B - Possibly Carcinogenic to Humans.

**NTP (National Toxicology Program)**

Known - Known Carcinogen. Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen.

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present.

|  |   |
|--|---|
| <b>Skin corrosion/irritation</b>         | Causes skin irritation                              |
| <b>Serious eye damage/eye irritation</b> | Causes serious eye irritation                       |
| <b>Skin sensitization</b>                | May cause an allergic skin reaction                 |
| <b>Respiratory sensitization</b>         | Not applicable                                      |
| <b>Germ cell mutagenicity</b>            | Not applicable                                      |
| <b>Carcinogenicity</b>                   | May cause cancer                                    |
| <b>Reproductive Toxicity</b>             | Suspected of damaging fertility or the unborn child |

**Specific target organ toxicity (single exposure)** May cause drowsiness or dizziness May cause respiratory irritation  
**Specific target organ toxicity (repeated exposure)** Causes damage to organs through prolonged or repeated exposure  
**Aspiration hazard** Not applicable

**Section 12: ECOLOGICAL INFORMATION**

**Ecotoxicity**  
 Environmental precautions Prevent product from entering drains.

**Persistence and degradability**  
 No information available

**Bioaccumulation**  
 No information available

**Mobility**  
 No information available

**Other adverse effects** No information available

**Section 13: DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Improper disposal or reuse of this container may be dangerous and illegal. Empty containers must be scrapped or reconditioned.

**Section 14: TRANSPORT INFORMATION**

|   | <u>DOT</u>                             | <u>IMDG</u>               | <u>IATA</u>              |
|---|--|---------------------------|--------------------------|
| 14.1 UN/ID no   | UN1263                                 | UN1263                    | UN1263                   |
| 14.2 Proper shipping name   | Paint                                  | Paint                     | Paint                    |
| 14.3 Hazard Class   | 3                                      | 3                         | 3                        |
| 14.4 Packing Group  | II                                     | II                        | II                       |
| 14.5 Environmental hazard   | Not applicable                         |                           |                          |
| 14.6 Special Provisions   | 149, B52, IB2, T4, TP1, TP8, TP28, 367 | 163, 367<br><b>EmS-No</b> | A3, A72, A192            |
|   | <b>Emergency Response Guide Number</b> | F-E, S-E                  |                          |
|   | 128                                    |                           |                          |
| 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code |  |                           | No information available |

*The supplier may apply one of the following exceptions: Combustible Liquid (49 CFR 173.150(f)); Consumer Commodity (49 CFR 173.150(c), ICAO/IATA SP A112); Limited Quantity (49 CFR 173.150(b), ICAO Part 3 Chapter 4, IATA 2.7, IMDG Chapter 3.4); Viscous Liquid (49 CFR 173.121(b), IMDG 2.3.2.2, IATA 3.3.3.1.1, ICAO 3.2.2, ADR 2.2.3.1.5); Does Not Sustain Combustion (49 CFR 173.120(a), IATA 3.3.1.3, ICAO 3.1.3, IMDG 2.3.1.3, ADR 2.2.3.1.1 Note 1); or others as allowed under hazardous materials/dangerous goods regulations.*

**Section 15: REGULATORY INFORMATION**

**International Inventories**  
**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory All components are listed or exempt from listing.  
**DSL** - Canadian Domestic Substances List Not all components are listed or exempt from listing

**US Federal Regulations**

| Chemical Name                                     | TSCA - Toxic Substances Control Act, Section 12(b) Export Notification |
|---|--|
| Benzene, 1-chloro-4-(trifluoromethyl)-<br>98-56-6 | Section 4  |

| Chemical Name   | SARA 313 - Threshold Values % | Hazardous air pollutants (HAPs) content |
|---|-------------------------------|---|
| Toluene<br>108-88-3<br>5 - 20   | 1                             | Present                                 |
| Raw umber<br>12713-03-0<br>0 - 20                                     | 1                             | Present                                 |
| Xylenes<br>1330-20-7<br>0 - 20  | 1                             | Present                                 |
| Aluminum<br>7429-90-5<br>0 - 10                                       | 1                             |   |
| 2-Pentanone, 4-methyl-<br>108-10-1<br>0 - 5                           | 1                             | Present                                 |
| Ethylene glycol monobutyl ether acetate<br>112-07-2<br>0.3 - 5        | 1                             | Present                                 |
| Ethylbenzene<br>100-41-4<br>0 - 3                                     | 0.1                           | Present                                 |
| Manganese dioxide<br>1313-13-9<br>0 - 3                               | 1                             | Present                                 |
| Benzene, 1,2,4-trimethyl-<br>95-63-6<br>0.2 - 3                       | 1                             |   |
| m-Xylene<br>108-38-3<br>0 - 3   | 1                             | Present                                 |
| C.I. Pigment Yellow 129<br>15680-42-9<br>0 - 3                        | 1                             |   |
| PROPRIETARY COPPER COMPOUND<br>UNKNOWN<br>0 - 3                       | 1.0                           |   |
| Styrene<br>100-42-5<br>0 - 0.3  | 0.1                           | Present                                 |
| Hexanoic acid, 2-ethyl-, cobalt(2+) salt (2:1)<br>136-52-7<br>0 - 0.3 | 1                             | Present                                 |

**SARA 311/312 Hazard Categories**

|  |     |
|--|-----|
| <b>Acute health hazard</b>               | Yes |
| <b>Chronic Health Hazard</b>             | Yes |
| <b>Fire hazard</b>                       | Yes |
| <b>Sudden release of pressure hazard</b> | No  |
| <b>Reactive Hazard</b>                   | Yes |

| Chemical Name               | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|-----------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| n-Butyl acetate<br>123-86-4 | 5000 lb                     |                        |                           | X                          |
| Toluene<br>108-88-3         | 1000 lb                     | X                      | X                         | X                          |
| Xylenes<br>1330-20-7        | 100 lb                      |                        |                           | X                          |
| Ethylbenzene<br>100-41-4    | 1000 lb                     | X                      | X                         | X                          |

|                      |         |  |  |   |
|----------------------|---------|--|--|---|
| m-Xylene<br>108-38-3 | 100 lb  |  |  | X |
| Styrene<br>100-42-5  | 1000 lb |  |  | X |

| Chemical Name                      | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ)                   |
|------------------------------------|--------------------------|----------------|--|
| n-Butyl acetate<br>123-86-4        | 5000 lb                  |                | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ |
| Toluene<br>108-88-3                | 1000 lb                  |                | RQ 1000 lb final RQ<br>RQ 454 kg final RQ  |
| Xylenes<br>1330-20-7               | 100 lb                   |                | RQ 100 lb final RQ<br>RQ 45.4 kg final RQ  |
| 2-Pentanone, 4-methyl-<br>108-10-1 | 5000 lb                  |                | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ |
| Ethylbenzene<br>100-41-4           | 1000 lb                  |                | RQ 1000 lb final RQ<br>RQ 454 kg final RQ  |
| m-Xylene<br>108-38-3               | 1000 lb                  |                | RQ 1000 lb final RQ<br>RQ 454 kg final RQ  |
| Styrene<br>100-42-5                | 1000 lb                  |                | RQ 1000 lb final RQ<br>RQ 454 kg final RQ  |

### US State Regulations

#### Rule 66 status of product

Photochemically reactive.

#### California Proposition 65

WARNING! This product contains chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm.

#### U.S. EPA Label information

**EPA Pesticide registration number** Not applicable

#### U.S. State Right-to-Know Regulations

|  |
|--|
| Chemical Name  |
| Titanium dioxide<br>13463-67-7                         |
| Methyl acetate<br>79-20-9                              |
| Benzene, 1-chloro-4-(trifluoromethyl)-<br>98-56-6      |
| Proprietary Non-Hazardous Ingredient - Proprietary CAS |
| Iron oxide (Fe2O3)<br>1309-37-1                        |
| Proprietary Non-Hazardous Ingredient - Proprietary CAS |
| n-Butyl acetate<br>123-86-4                            |
| Proprietary Non-Hazardous Ingredient - Proprietary CAS |
| Proprietary Non-Hazardous Ingredient - Proprietary CAS |
| Proprietary Non-Hazardous Ingredient - Proprietary CAS |
| Barium sulfate<br>7727-43-7                            |
| Proprietary Inert                                      |
| Proprietary Non-Hazardous Ingredient - Proprietary CAS |

|  |
|--|
| Proprietary Non-Hazardous Ingredient - Proprietary CAS   |
| C.I. Pigment Green 7<br>1328-53-6                        |
| Toluene<br>108-88-3                                      |
| Raw umber<br>12713-03-0                                  |
| Proprietary Non-Hazardous Ingredient - Proprietary CAS   |
| Xylenes<br>1330-20-7                                     |
| Proprietary Non-Hazardous Ingredient - Proprietary CAS   |
| Proprietary Non-Hazardous Ingredient - Proprietary CAS   |
| Copper phthalocyanine monochloride<br>12239-87-1         |
| Proprietary Non-Hazardous Ingredient - Proprietary CAS   |
| Carbon black<br>1333-86-4                                |
| Proprietary Non-Hazardous Ingredient - Proprietary CAS   |
| Proprietary Non-Hazardous Ingredient - Proprietary CAS   |
| Proprietary Non-Hazardous Ingredient - Proprietary CAS   |
| Proprietary Non-Hazardous Ingredient - Proprietary CAS   |
| Methyl n-amyl ketone<br>110-43-0                         |
| Proprietary Non-Hazardous Ingredient - Proprietary CAS   |
| Aluminum<br>7429-90-5                                    |
| Proprietary Non-Hazardous Ingredient - Proprietary CAS   |
| C.I. Pigment Green 36<br>14302-13-7                      |
| Proprietary Non-Hazardous Ingredient - Proprietary CAS   |
| C.I. Pigment Blue 15<br>147-14-8                         |
| Proprietary Non-Hazardous Ingredient - Proprietary CAS   |
| Proprietary Non-Hazardous Ingredient - Proprietary CAS   |
| Naphtha, petroleum, hydrotreated heavy<br>64742-48-9     |
| 2-Pentanone, 4-methyl-<br>108-10-1                       |
| Solvent naphtha, petroleum, light aromatic<br>64742-95-6 |
| Proprietary Non-Hazardous Ingredient - Proprietary CAS   |
| Ethylene glycol monobutyl ether acetate<br>112-07-2      |
| Proprietary Non-Hazardous Ingredient - Proprietary CAS   |
| Proprietary Non-Hazardous Ingredient - Proprietary CAS   |

|  |
|--|
| Proprietary Non-Hazardous Ingredient - Proprietary CAS     |
| Proprietary Non-Hazardous Ingredient - Proprietary CAS     |
| Ethylbenzene<br>100-41-4                                   |
| Manganese dioxide<br>1313-13-9                             |
| Benzene, 1,2,4-trimethyl-<br>95-63-6                       |
| m-Xylene<br>108-38-3                                       |
| Methyl propyl ketone<br>107-87-9                           |
| C.I. Pigment Yellow 129<br>15680-42-9                      |
| Proprietary Inert  |
| Solvent naphtha, petroleum, light aromatic<br>64742-95-6   |
| Stoddard solvent<br>8052-41-3                              |
| 2-Butanone, oxime<br>96-29-7                               |
| Quartz<br>14808-60-7                                       |
| Zirconium ethyl hexoate<br>22464-99-9                      |
| Styrene<br>100-42-5  |
| Hexanoic acid, 2-ethyl-, cobalt(2+) salt (2:1)<br>136-52-7 |

## Section 16: OTHER INFORMATION

### HMIS

**Health hazards** 3\*  
\* = Chronic Health Hazard

**Flammability** 3  
**Physical hazards** 1  
**Personal Protection** X

### **Supplier Address**

TCP Global Corporation  
6251 Howdy Wells Ave.,  
Las Vegas, NV 89115

**Revision date** 1-Sep-2023  
**Revision Note** No information available

### Disclaimer

The information on this Safety Data Sheet (SDS) is based on the present state of our knowledge, current national legislation and guidelines. As the specific conditions of use of the product are outside the supplier's knowledge and control the user is responsible for ensuring that the requirements of relevant legislation are complied with. This SDS should not be construed as any guarantee of the technical performance or suitability for particular applications. UNLESS SUPPLIER AGREES OTHERWISE IN WRITING, SUPPLIER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. SUPPLIER WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

**End of Safety Data Sheet**