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

**Product identifier**
Product Code 1900.05
Product Name KX TITANIUM WHITE

**Other means of identification**
No information available

**Recommended use of the chemical and restrictions on use**
Tint, colorant

**Details of the supplier of the safety data sheet**
See section 16 for more information
Color Corporation of America
1400 N. State St.
Marengo, IL 60152
1-800-654-4242

**E-mail address** sds@ccofa.com

**Emergency telephone number**
United States of America 1-888-345-5732
American Samoa, Guam, Northern Mariana Islands, Puerto Rico, U.S. Virgin Islands 1-800-255-3924

Section 2: HAZARDS IDENTIFICATION

**Classification**
Carcinogenicity Category 2

**Label elements**

**Signal word** WARNING

**Hazard Statements**
Suspected of causing cancer

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.

**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**
Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.

**Inhalation**
If INHALED: Call a POISON CENTER or doctor if you feel unwell.

**Ingestion**
Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

**Storage**
Store locked up.

**Disposal**
Dispose of contents/containers in accordance with local regulations.

**Hazards not otherwise classified (HNOC)**
Not applicable.

**Other hazards**
May be harmful if swallowed.

**Unknown acute toxicity**
0% of the mixture consists of ingredient(s) of unknown toxicity.

### Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>25 - 50</td>
</tr>
<tr>
<td>Ethylene glycol</td>
<td>107-21-1</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Alkyl polyether</td>
<td>Proprietary</td>
<td>3 - 5</td>
</tr>
<tr>
<td>Diethylene glycol</td>
<td>111-46-6</td>
<td>1 - 3</td>
</tr>
</tbody>
</table>

*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**
Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.

**Inhalation**
If INHALED: Call a POISON CENTER or doctor if you feel unwell.

**Ingestion**
Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

**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, CO2, 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.

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. Keep people away from and upwind of spill/leak. Avoid contact with skin, eyes or clothing.

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.

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.

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.

Incompatible materials

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.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide</td>
<td>TWA: 10 mg/m³</td>
<td>TWA: 15 mg/m³ dust</td>
<td>IDLH: 5000 mg/m³</td>
</tr>
<tr>
<td>13463-67-7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ethylene glycol</td>
<td>Ceiling: 100 mg/m³</td>
<td></td>
<td></td>
</tr>
<tr>
<td>107-21-1</td>
<td>aerosol only</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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
Wear safety glasses with side shields (or goggles).

Skin and body protection
Wear suitable protective clothing.

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

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>liquid</td>
</tr>
<tr>
<td>Appearance</td>
<td>No information available</td>
</tr>
<tr>
<td>Odor</td>
<td>Slight</td>
</tr>
<tr>
<td>Color</td>
<td>white</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>pH value</td>
<td>No information available</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>No information available</td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>No information available °C / °F</td>
</tr>
<tr>
<td>flash point</td>
<td>116 °C / 241 °F</td>
</tr>
<tr>
<td>evaporation rate</td>
<td>No information available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No information available</td>
</tr>
</tbody>
</table>
Section 10: STABILITY AND REACTIVITY

Reactivity
No information available.

Chemical stability
Stable under normal conditions.

Possibility of Hazardous Reactions
None under normal processing.

Hazardous polymerization
None under normal processing.

Conditions to avoid
Heat, flames and sparks.

Incompatible materials

Hazardous Decomposition Products

Section 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye contact
Not applicable

Skin Contact
Not applicable

Ingestion
Not applicable

Inhalation
Not applicable

Numerical measures of toxicity - Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide</td>
<td>&gt; 10000 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Ethylene glycol</td>
<td>4000 - 10200 mg/kg (Rat)</td>
<td>= 10600 mg/kg (Rat)</td>
<td>-</td>
</tr>
<tr>
<td>Alkyl polyether</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Diethylene glycol</td>
<td>= 12565 mg/kg (Rat)</td>
<td>= 11890 mg/kg (Rabbit)</td>
<td>-</td>
</tr>
</tbody>
</table>

Numerical measures of toxicity - Product Information

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

ATEmix (oral) 4547 Mg/kg

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide</td>
<td></td>
<td>Group 2B</td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

**IARC (International Agency for Research on Cancer)**
Group 2B - Possibly Carcinogenic to Humans.

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**
X - Present.

<table>
<thead>
<tr>
<th>Effect</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Respiratory sensitization</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Suspected of causing cancer</td>
</tr>
<tr>
<td>Reproductive Toxicity</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Specific target organ toxicity (repeated exposure)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

**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**

14.1 UN/ID no
Not regulated

14.2 Proper shipping name
Not regulated

14.3 Hazard Class
Not applicable

14.4 Packing Group
Not applicable

14.5 Environmental hazard
Not applicable

14.6 Special Provisions
Not applicable

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
No information available

**Section 15: REGULATORY INFORMATION**

Product Code 1900.05
**International Inventories**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL - Canadian Domestic Substances List

All components are listed or exempt from listing

**US Federal Regulations**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>SARA 313 - Threshold Values %</th>
<th>Hazardous air pollutants (HAPs) content</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene glycol 107-21-1</td>
<td>1</td>
<td>Present</td>
</tr>
</tbody>
</table>

**SARA 311/312 Hazard Categories**

- Acute health hazard: No
- Chronic Health Hazard: Yes
- Fire hazard: No
- Sudden release of pressure hazard: No
- Reactive Hazard: No

**Chemical Name**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazardous Substances RQs</th>
<th>CERCLA/SARA RQ</th>
<th>Reportable Quantity (RQ)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene glycol 107-21-1</td>
<td>5000 lb</td>
<td>RQ 5000 lb final RQ</td>
<td>RQ 2270 kg final RQ</td>
</tr>
</tbody>
</table>

**US State Regulations**

**Rule 66 status of product**

Not photochemically reactive.

**California Proposition 65**

WARNING! This product contains a chemical known in the State of California to cause cancer.

**U.S. EPA Label information**

EPA Pesticide registration number: Not applicable

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide 13463-67-7</td>
</tr>
<tr>
<td>Water 7732-18-5</td>
</tr>
<tr>
<td>Proprietary Inert</td>
</tr>
<tr>
<td>Ethylene glycol 107-21-1</td>
</tr>
<tr>
<td>Alkyl polyether</td>
</tr>
<tr>
<td>Diethylene glycol 111-46-6</td>
</tr>
<tr>
<td>Proprietary Inert</td>
</tr>
<tr>
<td>Proprietary Inert</td>
</tr>
</tbody>
</table>

**Section 16: OTHER INFORMATION**

**HMIS**

Product Code 1900.05

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AGHS - USA OSHA SDS
Health hazards 0*
  * = Chronic Health Hazard
Flammability 1
Physical hazards 0
Personal Protection X

Prepared By Product Stewardship

Revision date 28-Mar-2015
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