

# SAFETY DATA SHEET

## INTERCHAR 2060 WHITE C

### Section 1. Chemical product and company identification

**A. Product name** : INTERCHAR 2060 WHITE C  
**Product code** : HFA062

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

| Identified uses                               |        |
|---|--------|
| Professional application of coatings and inks |        |
| Uses advised against                          | Reason |
| All Other Uses                                |        |

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 Sweden

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### Section 2. Hazards identification

**A. Hazard classification** : FLAMMABLE LIQUIDS - Category 2  
 SKIN CORROSION/IRRITATION - Category 2  
 CARCINOGENICITY - Category 2  
 TOXIC TO REPRODUCTION (Fertility) - Category 2  
 TOXIC TO REPRODUCTION (Unborn child) - Category 2  
 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3  
 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2  
 Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 1.1%  
 Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 1.1%

**B. GHS label elements, including precautionary statements**

**Symbol** :





**Signal word** : Danger

## Section 2. Hazards identification

**Hazard statements** : Highly flammable liquid and vapour.  
 Causes skin irritation.  
 Suspected of damaging fertility or the unborn child.  
 Suspected of causing cancer.  
 May cause drowsiness or dizziness.  
 May cause damage to organs through prolonged or repeated exposure.

### Precautionary statements

**Prevention** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wear protective gloves. Wear eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Use only outdoors or in a well-ventilated area. Do not breathe vapour. Wash hands thoroughly after handling.

**Response** : Get medical attention if you feel unwell. IF exposed or concerned: Get medical attention. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. If skin irritation occurs: Get medical attention.

**Storage** : Store locked up. Store in a well-ventilated place. Keep cool.

**Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Supplemental label elements** : Wear appropriate respirator when ventilation is inadequate.

**C. Other hazards which do not result in classification** : None known.

## Section 3. Composition/information on ingredients

**Substance/mixture** : Mixture

| Ingredient name   | Common name   | CAS number | %         | Classification  |
|---|---|------------|-----------|---|
| toluene   | toluene   | 108-88-3   | ≥20 - <25 | Flam. Liq. 2, H225<br>Skin Irrit. 2, H315<br>Repr. 2, H361fd<br>(Fertility and Unborn child)<br>STOT SE 3, H336<br>STOT RE 2, H373<br>Asp. Tox. 1, H304 |
| titanium dioxide  | Titanium dioxide  | 13463-67-7 | ≥5 - <10  | Carc. 2, H351   |
| 1,3,5-Triazine-2,4,6-triamine, polymer with formaldehyde, butylated | 1,3,5-triazine-2,4,6-triamine, polymer with formaldehyde, butylated | 68002-25-5 | <10       | Aquatic Chronic 4, H413   |
| Kaolin  | kaolin  | 1332-58-7  | <10       | Not classified.   |
| Formaldehyde, solution  | formaldehyde ...%   | 50-00-0    | <0.1      | Acute Tox. 3, H301<br>Acute Tox. 3, H311<br>Acute Tox. 2, H330  |

### Section 3. Composition/information on ingredients

|  |  |  |   |
|--|--|--|---|
|  |  |  | Skin Corr. 1, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>Carc. 1A, H350<br>Aquatic Acute 1, H400 |
|--|--|--|---|

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

### Section 4. First aid measures

- A. Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- B. Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- C. Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- D. Ingestion** : Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- E. Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

## Section 5. Firefighting measures

### A. Extinguishing media

**Suitable extinguishing media** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.

**Unsuitable extinguishing media** : Do not use water jet.

**B. Specific hazards arising from the chemical** : Highly flammable liquid and vapour. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard.

**Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
nitrogen oxides  
carbonyl halides  
metal oxide/oxides

**C. Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**Special precautions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

## Section 6. Accidental release measures

**A. Personal precautions, protective equipment and emergency procedures** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flames, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**B. Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### C. Methods and material for containment and cleaning up

**Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

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## Section 7. Handling and storage

### A. Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

### B. Conditions for safe storage, including any incompatibilities

- : Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Vapours are heavier than air and may spread along floors. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

### A. Control parameters

#### Occupational exposure limits

| Ingredient name        | Exposure limits  |
|------------------------|--|
| toluene                | <b>Ministry of Labor (Republic of Korea, 8/2013).</b><br>STEL: 560 mg/m <sup>3</sup> 15 minutes.<br>STEL: 150 ppm 15 minutes.<br>TWA: 188 mg/m <sup>3</sup> 8 hours.<br>TWA: 50 ppm 8 hours. |
| titanium dioxide       | <b>Ministry of Labor (Republic of Korea, 8/2013).</b><br>TWA: 10 mg/m <sup>3</sup> 8 hours. Form: total dust with less than 1% of free SiO <sub>2</sub>                                      |
| Kaolin                 | <b>Ministry of Labor (Republic of Korea, 8/2013).</b><br>TWA: 2 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction   |
| Formaldehyde, solution | <b>Ministry of Labor (Republic of Korea, 8/2013).</b><br>STEL: 1.5 mg/m <sup>3</sup> 15 minutes.<br>STEL: 1 ppm 15 minutes.<br>TWA: 0.75 mg/m <sup>3</sup> 8 hours.<br>TWA: 0.5 ppm 8 hours. |

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## Section 8. Exposure controls/personal protection

- B. Appropriate engineering controls** : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
- C. Personal protective equipment**
- Respiratory protection** : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
- Eye protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.
- Hand protection** : Use chemical resistant gloves classified under Standard EN 374: Protective gloves against chemicals and micro-organisms. Recommended: Viton® or Nitrile gloves. When prolonged or frequently repeated contact may occur, a glove with a protection class of 6 (breakthrough time greater than 480 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 2 or higher (breakthrough time greater than 30 minutes according to EN 374) is recommended. The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment. NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier. Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.
- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

## Section 9. Physical and chemical properties

- A. Appearance**
- Physical state** : Liquid.
- Colour** : White.
- B. Odour** : Solvent.
- C. Odour threshold** : Not available.
- D. pH** : Not applicable.
- E. Melting/freezing point** : Not available.



## Section 9. Physical and chemical properties

- F. Boiling point/boiling range** : Lowest known value: 110.6°C (231.1°F) (toluene).
- G. Flash point** : Closed cup: 4°C (39.2°F)  
**Fire point** : Not available.
- H. Evaporation rate** : Not available.
- I. Flammability (solid, gas)** : Not available.
- J. Lower and upper explosive (flammable) limits** : Greatest known range: Lower: 1.1% Upper: 7.1% (toluene)
- K. Vapour pressure** : Not available.
- L. Solubility** : Insoluble in the following materials: cold water.
- M. Vapour density** : Not available.
- N. Relative density** : 1.34
- O. Partition coefficient: n-octanol/water** : Not available.
- P. Auto-ignition temperature** : Not available.
- Q. Decomposition temperature** : Not available.
- R. Viscosity** : Kinematic (room temperature): 1844 mm<sup>2</sup>/s (1844 cSt)
- S. Molecular weight** : Not applicable.

## Section 10. Stability and reactivity

- A. Chemical stability** : The product is stable.  
**Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- B. Conditions to avoid** : Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.
- C. Incompatible materials** : Reactive or incompatible with the following materials:  
oxidizing materials
- D. Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

- A. Information on likely routes of exposure** : Not available.
- Potential acute health effects**
- Inhalation** : Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
- Ingestion** : Can cause central nervous system (CNS) depression. Irritating to mouth, throat and stomach.
- Skin contact** : Causes skin irritation.
- Eye contact** : No known significant effects or critical hazards.
- Over-exposure signs/symptoms**

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## Section 11. Toxicological information

- Inhalation** : Adverse symptoms may include the following:  
 nausea or vomiting  
 headache  
 drowsiness/fatigue  
 dizziness/vertigo  
 muscle weakness  
 unconsciousness  
 reduced foetal weight  
 increase in foetal deaths  
 skeletal malformations
- Ingestion** : Adverse symptoms may include the following:  
 reduced foetal weight  
 increase in foetal deaths  
 skeletal malformations
- Skin contact** : Adverse symptoms may include the following:  
 irritation  
 redness  
 reduced foetal weight  
 increase in foetal deaths  
 skeletal malformations
- Eye contact** : Adverse symptoms may include the following:  
 pain or irritation  
 watering  
 redness

### B. Health hazards

#### Acute toxicity

| Product/ingredient name | Result                 | Species | Dose        | Exposure |
|-------------------------|------------------------|---------|-------------|----------|
| toluene                 | LC50 Inhalation Vapour | Rat     | >20 mg/l    | 4 hours  |
|                         | LD50 Dermal            | Rat     | >5000 mg/kg | -        |
|                         | LD50 Oral              | Rat     | >5000 mg/kg | -        |
| Formaldehyde, solution  | LC50 Inhalation Gas.   | Rat     | 250 ppm     | 4 hours  |
|                         | LD50 Dermal            | Rabbit  | 270 mg/kg   | -        |
|                         | LD50 Oral              | Rat     | 100 mg/kg   | -        |

#### Irritation/Corrosion

| Product/ingredient name | Result                   | Species | Score | Exposure                 | Observation |
|-------------------------|--------------------------|---------|-------|--------------------------|-------------|
| toluene                 | Eyes - Mild irritant     | Rabbit  | -     | 0.5 minutes              | -           |
|                         | Eyes - Mild irritant     | Rabbit  | -     | 100 milligrams           | -           |
|                         | Eyes - Severe irritant   | Rabbit  | -     | 870 Micrograms           | -           |
|                         | Skin - Mild irritant     | Pig     | -     | 24 hours 2 milligrams    | -           |
|                         | Skin - Mild irritant     | Rabbit  | -     | 250 microliters          | -           |
|                         | Skin - Moderate irritant | Rabbit  | -     | 435 milligrams           | -           |
|                         | Skin - Moderate irritant | Rabbit  | -     | 24 hours 20 milligrams   | -           |
| titanium dioxide        | Skin - Mild irritant     | Human   | -     | 500 milligrams           | -           |
|                         |                          |         |       | 72 hours 300 Micrograms  | -           |
| Formaldehyde, solution  | Eyes - Mild irritant     | Human   | -     | Intermittent 6 minutes 1 | -           |



## Section 11. Toxicological information

|  |                          |        |   |                                   |   |
|--|--------------------------|--------|---|-----------------------------------|---|
|  | Eyes - Severe irritant   | Rabbit | - | parts per million<br>24 hours     | - |
|  | Eyes - Severe irritant   | Rabbit | - | 750<br>Micrograms                 | - |
|  | Skin - Mild irritant     | Human  | - | 72 hours<br>150<br>Micrograms     | - |
|  | Skin - Mild irritant     | Rabbit | - | Intermittent<br>540<br>milligrams | - |
|  | Skin - Moderate irritant | Rabbit | - | 24 hours 50<br>milligrams         | - |
|  | Skin - Severe irritant   | Rabbit | - | 24 hours 2<br>milligrams          | - |
|  | Skin - Severe irritant   | Human  | - | 0.01 Percent                      | - |

### Sensitisation

Not available.

### CMR - ISHA Article 42 Public Notice No 2013-38 Occupational Exposure Limits

| Product/ingredient name | CAS number | Classification         |
|-------------------------|------------|------------------------|
| Toluene                 | 108-88-3   | Repr. 2 F<br>Repr. 2 D |
| Titanium dioxide        | 13463-67-7 | Carc. 2                |
| Formaldehyde            | 50-00-0    | Carc. 1A               |

### Mutagenicity

Not available.

### Carcinogenicity

Not available.

### Reproductive toxicity

Not available.

### Teratogenicity

Not available.

### Specific target organ toxicity (single exposure)

| Name    | Category   | Route of exposure | Target organs    |
|---------|------------|-------------------|------------------|
| toluene | Category 3 | Not applicable.   | Narcotic effects |

### Specific target organ toxicity (repeated exposure)

| Name    | Category   | Route of exposure | Target organs  |
|---------|------------|-------------------|----------------|
| toluene | Category 2 | Not determined    | Not determined |

### Aspiration hazard

| Name    | Result                         |
|---------|--------------------------------|
| toluene | ASPIRATION HAZARD - Category 1 |

### Potential chronic health effects

#### Chronic toxicity

## Section 11. Toxicological information

Not available.

|                              |  |
|------------------------------|--|
| <b>General</b>               | : May cause damage to organs through prolonged or repeated exposure.                     |
| <b>Carcinogenicity</b>       | : Suspected of causing cancer. Risk of cancer depends on duration and level of exposure. |
| <b>Mutagenicity</b>          | : No known significant effects or critical hazards.                                      |
| <b>Teratogenicity</b>        | : Suspected of damaging the unborn child.  |
| <b>Developmental effects</b> | : No known significant effects or critical hazards.                                      |
| <b>Fertility effects</b>     | : Suspected of damaging fertility.   |

### ATE value

| Route | Result        |
|-------|---------------|
| Oral  | 39150.5 mg/kg |

## Section 12. Ecological information

### A. Ecotoxicity

| Product/ingredient name | Result                             | Species                                    | Exposure |
|-------------------------|------------------------------------|--|----------|
| toluene                 | Acute EC50 19.6 mg/l               | Crustaceans - Daphnia Magna                | 48 hours |
|                         | Acute LC50 5.8 mg/l                | Fish - Oncorhynchus mykiss                 | 96 hours |
| Formaldehyde, solution  | Chronic NOEC 28 mg/l               | Crustaceans - Daphnia Magna                | -        |
|                         | Chronic NOEC 5.44 mg/l             | Fish - Pimpephales proelas                 | -        |
|                         | Acute EC50 0.788 mg/l Marine water | Algae - Ulva pertusa                       | 96 hours |
|                         | Acute EC50 12.98 mg/l Fresh water  | Crustaceans - Ceriodaphnia dubia - Neonate | 48 hours |
|                         | Acute EC50 14000 µg/l Fresh water  | Daphnia - Daphnia magna                    | 48 hours |
|                         | Acute LC50 1.41 ppm Fresh water    | Fish - Oncorhynchus mykiss                 | 96 hours |
|                         | Chronic NOEC 100 µg/l Marine water | Algae - Phyllospora comosa - Zygote        | 96 hours |

### B. Persistence and degradability

| Product/ingredient name | Aquatic half-life | Photolysis | Biodegradability |
|-------------------------|-------------------|------------|------------------|
| toluene                 | -                 | -          | Readily          |

### C. Bioaccumulative potential

| Product/ingredient name | LogP <sub>ow</sub> | BCF         | Potential |
|-------------------------|--------------------|-------------|-----------|
| toluene                 | 2.73               | 8.317637711 | low       |
| titanium dioxide        | -                  | 352         | low       |

### D. Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.

**E. Other adverse effects** : No known significant effects or critical hazards.

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## Section 13. Disposal considerations

- A. Disposal methods** : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.  
Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.
- B. Disposal precautions** : This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

|                                      | UN   | IMDG   | IATA   |
|--------------------------------------|--|--|--|
| <b>A. UN number</b>                  | UN1263   | UN1263   | UN1263   |
| <b>B. UN proper shipping name</b>    | PAINT  | PAINT  | PAINT  |
| <b>C. Transport hazard class(es)</b> | 3<br> | 3<br> | 3<br>               |
| <b>D. Packing group</b>              | II   | II   | II   |
| <b>E. Environmental hazards</b>      | No.  | No.  | No.  |
| <b>F. Additional information</b>     | -  | -  | The environmentally hazardous substance mark may appear if required by other transportation regulations. |

**IMDG Code Segregation group** : Not applicable.

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

## Section 15. Regulatory information

### A. Regulation according to ISHA

**ISHA article 37 (Harmful substances prohibited from manufacture)** : None of the components are listed.

## Section 15. Regulatory information

**ISHA article 38** : None of the components are listed.  
(Harmful substances requiring permission)

**Article 2 of Youth Protection Act on Substances Hazardous to Youth** : Not applicable.

### Exposure Limits of Chemical Substances and Physical Factors

The following components have an OEL:

Toluene

titanium dioxide

Kaolin

Formalin and mixtures which contain 1% or more as Formaldehyde

**ISHA Enforcement Regs Annex 11-3 (Exposure standards established for harmful factors)** : The following components are listed: Formaldehyde

**ISHA Enforcement Regs Annex 11-4 (Harmful factors subject to Work Environment Measurement)** : The following components are listed: Toluene; Silicates; Titanium dioxide

**ISHA Enforcement Regs Annex 12-2 (Harmful Factors Subject to Special Health Check-up)** : The following components are listed: Toluene

**Standard of Industrial Safety and Health Annex 12 (Hazardous substances subject to control)** : The following components are listed: Toluene; Titanium dioxide

### B. Regulation according to Chemicals Control Act

**K-Reach Article 20 (Toxic chemicals)** : Not applicable

**K-Reach Article 27 (Prohibited)** : None of the components are listed.

**K-Reach Article 27 (Restricted)** : None of the components are listed.

**CSCA Article 11 (TRI)** : The following components are listed: Toluene

**Korea inventory** : Not determined.

**CSCA Article 39 (Accident Precaution Chemicals)** : None of the components are listed.

**C. Dangerous Materials Safety Management Act** : Class: Class 4 - Flammable Liquid  
Item: 2. Class 1 petroleums - Water-insoluble liquid  
Threshold: 200 L  
Danger category: II  
Signal word: Contact with sources of ignition prohibited

**D. Wastes regulation** : Dispose of contents and container in accordance with all local, regional, national and international regulations.

### E. Regulation according to other foreign laws

**Europe inventory** : Not determined.

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## Section 15. Regulatory information

- United States inventory (TSCA 8b)** : Not determined.
- Japan inventory** : **Japan inventory (ENCS)**: Not determined.  
**Japan inventory (ISHL)**: Not determined.

## Section 16. Other information

- A. References** : Not available.
- B. Date of issue/Date of revision** : 01/06/2017
- C. Version** : 4  
**Date of printing** : **01/06/2017**
- D. Other**  
 **Indicates information that has changed from previously issued version.**

- Key to abbreviations** : ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
UN = United Nations

### Notice to reader

**IMPORTANT NOTE:** the information contained in this data sheet (as may be amended from time to time) is not intended to be exhaustive and is presented in good faith and believed to be correct as of the date on which it is prepared. It is the user's responsibility to verify that this data sheet is current prior to using the product to which it relates.

Persons using the information must make their own determinations as to the suitability of the relevant product for their purposes prior to use. Where those purposes are other than as specifically recommended in this safety data sheet, then the user uses the product at their own risk.

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