

**SAFETY DATA SHEET**  
Oxide of Chromium - 305

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Compilation date: 22/10/2020

Revision No: 1

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** Oxide of Chromium - 305

**REACH registered number(s):** 01-2119433951-39-XXXX

**CAS number:** 1308-38-9

**EINECS number:** 215-160-9

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

**Use of substance / mixture:** PC9a: Coatings and paints, thinners, paint removers. PC18: Ink and toners. PC32: Polymer preparations and compounds.

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

**Company name:** Michael Harding Art Formulas LTD

Unit K Springvale Ind Est

Cwmbran

Torfaen

NP44 5BE

UK

**Tel:** +44(0)1633484700

**Email:** accounts@michaelharding.co.uk

**1.4. Emergency telephone number**

**Emergency tel:** 24 hour (Carechem): Europe and UK +44 1865 407333; United States +1 866 928 0789 (Toll free); Canada +1 800 579 7421 (Toll Free); United States and Canada +1 202 464 2554 (English only); Americas +1 215 207 0061 (English, Spanish Portuguese); Mexico +52 55 5004 8763; Brazil +55 11 3197 5891; Chile +56 2 2582 9336; Colombia +57 1 508 7337; Argentina +54 11 5984 3690; Worldwide/APAC +65 3165 2217; China (hazardous products only) 0532 8388 9090 ; China(Non-hazardous products only) 400 120 6011

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification under CLP:** This product has no classification under CLP.

**2.2. Label elements**

**Label elements:** This product has no label elements.

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### 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.1. Substances

**Chemical identity:** CHROME OXIDE GREEN

**CAS number:** 1308-38-9

**EINECS number:** 215-160-9

**REACH registered number(s):** 01-2119433951-39-XXXX

**Contains:** Chromium (III) Oxide CAS # 1308-38-9

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water. Seek medical attention if ill or irritation develops.

**Eye contact:** Bathe the eye with running water for 15 minutes. Seek medical attention if discomfort continues

**Ingestion:** Wash out mouth with water. Seek medical attention if discomfort continues.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

### 4.3. Indication of any immediate medical attention and special treatment needed

**Immediate / special treatment:** Not applicable.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.

### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** In combustion emits toxic fumes.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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### Section 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Do not create dust. maintain adequate ventilation

#### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers.

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

**Clean-up procedures:** Sweep up with minimum of dusting. Use industrial vacuum cleaner to remove material. Pick up mechanically. Collect contained spillage with electrically protected vacuum cleaner or by wet brushing. Avoid formation of dust. For small amounts pick up with suitable appliance and dispose of. For larger amounts contain with dust binding material and dispose of. Spilled material may be slippery.

#### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

### Section 7: Handling and storage

#### 7.1. Precautions for safe handling

**Handling requirements:** Avoid the formation or spread of dust in the air. Ensure there is exhaust ventilation of the area. Do not handle in a confined space. Plastic wrap from palletized packages may bear significant static charge which can cause flash fire if near combustibles.

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

**Storage conditions:** Store in a cool, well ventilated area. Recommended storage temperature 5-35C

**Suitable packaging:** Must only be kept in original packaging.

#### 7.3. Specific end use(s)

**Specific end use(s):** No data available.

### Section 8: Exposure controls/personal protection

#### 8.1. Control parameters

**Workplace exposure limits:**

**Respirable dust:**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	2mg/m3	-	-	-

#### DNEL/PNEC Values

**DNEL / PNEC** No data available.

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### 8.2. Exposure controls

- Engineering measures:** Ensure there is exhaust ventilation of the area. Observe any occupational exposure limits for the product or ingredients.
- Respiratory protection:** Respiratory protective device with particle filter. Respiratory protective device with particle filter. Approved respirator (e.g. EN 149:2001 FFP3) if ventilation is insufficient.
- Hand protection:** Protective gloves. Protective gloves to EN388:2016 or similar standard. Penetration time of glove material: the exact break through time has to be determined by the manufacturer of the protective gloves and has to be observed.
- Eye protection:** Ensure eye bath is to hand. Safety glasses with side-shields.
- Skin protection:** Protective clothing.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Powder

**Colour:** Green

**Odour:** Odourless

**Evaporation rate:** Not applicable.

**Oxidising:** Not applicable.

**Solubility in water:** Insoluble

**Viscosity:** No data available.

**Boiling point/range°C:** >35

**Flammability limits %: lower:** No data available.

**Flash point°C:** >93

**Autoflammability°C:** No data available.

**Relative density:** 5.2g/cm<sup>3</sup>

**VOC g/l:** No data available.

**Melting point/range°C:** above 1000

**upper:** No data available.

**Part.coeff. n-octanol/water:** No data available.

**Vapour pressure:** No data available.

**pH:** 5.0-7.0

### 9.2. Other information

**Other information:** No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

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## 10.4. Conditions to avoid

**Conditions to avoid:** Situations which cause dusting.

## 10.5. Incompatible materials

**Materials to avoid:** No data available.

## 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicity values:** No data available.

### Symptoms / routes of exposure

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

## Section 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity values:** No data available.

### 12.2. Persistence and degradability

**Persistence and degradability:** Not applicable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No data available.

### 12.4. Mobility in soil

**Mobility:** Insoluble in water.

### 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

### 12.6. Other adverse effects

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company. In accordance with national and local authority regulations eg The hazardous waste (England & Wales) Regulations 2005. EU hazardous waste regulations. The users attention is drawn to the possible existence of regional or national regulations regarding disposal. Recommendation: Treat empty containers in the same way as the product or if possible wash out thoroughly and recycle.

Third Party Information supplied to Michael Harding Art Formulas Ltd

[cont...]

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**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

### Section 14: Transport information

**Transport class:** This product does not require a classification for transport.

### Section 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**Specific regulations:** Not applicable.

#### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

### Section 16: Other information

#### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\* indicates text in the SDS which has changed since the last revision.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.