

# Safety Data Sheet

Hazardous Substance, Dangerous Goods

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Identifier: **Craig & Rose Artisan Bright Effect Chrome  
Aerosol Spray Pack**

**Synonyms:**

Craig & Rose Artisan Bright Effect Chrome, 400mL

**Product Code**

940001

**Bar Code**

5036211069180

**Relevant identified uses of the substance or mixture and uses advised against:** Aerosol spray paint.  
No information for uses advised against.

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

**Supplier/Distributor:** Craig & Rose Paints Ltd.

**Company Number:** 09968464

**Street Address:** 20-22 Bedford Row,  
London, WC1R4JS  
United Kingdom

**Telephone:** +44 0 138 374 0011

**Web Address:** www.craigandrose.com

**24hr Emergency telephone number:** 0800 085 6522

## 2. HAZARDS IDENTIFICATION

**Classification of the substance or mixture:** This material is classified as hazardous according to the criteria of Regulation (EC) No. 1272/2008 (CLP).

Flammable Aerosols – Category 1  
Acute Toxicity – Dermal – Category 4  
Acute Toxicity – Inhalation – Category 4  
Skin Corrosion/Irritation – Category 2

**Label elements/pictogram:**



**Signal word:**

Danger

**Hazard statements:**

H222 Extremely flammable aerosol.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H332 Harmful if Inhaled.

**Precautionary statements:**

P102 Keep out of reach of children.  
P103 Read label before use.  
P210 Keep away from all sources of ignition - No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Pressurized container: Do not pierce or burn, even after use.  
P261 Avoid breathing mist, vapours or spray.  
P264 Wash hands, face and all exposed skin thoroughly after handling.

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P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective clothing, gloves, eye/face protection and suitable respirator as required.
P101	If medical advice is needed, have product container or label at hand.
P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P342+311	Call a POISON CENTRE or doctor/physician if you feel unwell.
P302+352	IF ON SKIN: Wash with plenty of soap and water.
P362	Take off contaminated clothing and wash before reuse.
P332+313	If skin irritation occurs: Get medical advice/attention.
P410+412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501	Dispose of contents/container in accordance with local, regional, national and international regulations.

## Supplemental hazard information

80% by mass of the contents are flammable.

## Other hazards:

Build-up of explosive mixtures in air is possible without sufficient ventilation.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS No.	EC No.	REACH Reg. No.	Proportion (% w/w)	Classification
Xylene	1330-20-7	215-535-7	601-022-00-9	25 - 50	H226, H312, H315, H332
Propane	74-98-6	200-827-9	601-003-00-5	12.5 - 20	H220, Press. Gas
Butane	106-97-8	203-448-7	601-004-00-0	12.5 - 20	H220, Press. Gas
Isobutane	75-28-5	200-857-2	601-004-00-0	2.5 - 5	H220, Press. Gas
Ethyl benzene	100-41-4	202-848-4	601-023-00-4	2.5 - 5	H225, H332, H304, H373
Aluminium powder (pyrophoric)	7429-90-5	231-072-3	013-001-00-6	< 2.5	H250, H261
Non-hazardous	-	-	-	Balance	-

Classification in accordance to Regulation (EC) No. 1272/2008 (CLP).

## 4. FIRST AID MEASURES

**Description of first aid measures:** If poisoning occurs, contact a doctor or the National Poisons Information Service (Phone 111) or Ambulance (Phone 999).

**Inhalation:** Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

**Skin contact:** If skin or hair contact occurs, immediately remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a Doctor; or for 15 minutes and transport to Doctor or Hospital. A component of the material can be absorbed through the skin with resultant toxic effects. Seek medical advice.

**Eye contact:** If in eyes wash out immediately with water. Seek medical attention.

**Ingestion:** Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

**Self-protection for the first aider:** Wear overalls, safety glasses and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

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**Most important symptoms and effects, both acute and delayed:** Refer to Section 11 for Toxicological Information.

**Indication of any immediate medical attention and special treatment needed:** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Hazchem code:** 2YE

**Extinguishing media:** If material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder). Do not use water jets.

**Specific hazards arising from the substance or mixture:** Extremely flammable gas. Flameproof equipment necessary in area where this chemical is being used. Nearby equipment must be earthed. Electrical requirements for work area should be assessed according to AS3000. Vapour may travel a considerable distance to source of ignition and flash back. Avoid all ignition sources. All potential sources of ignition (open flames, pilot lights, furnaces, spark producing switches and electrical equipment etc) must be eliminated both in and near the work area. Do NOT smoke.

**Advice for firefighters:** Heating can cause expansion or decomposition leading to violent rupture of containers. If safe to do so, remove containers from path of fire. Keep containers cool with water spray. On burning may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:** Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours.

**Environmental precautions:** Do not let product enter drains. If contamination of sewers or waterways has occurred advise local emergency services.

### Methods and material for containment and cleaning up

**Small spills:** Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage.

**Large spills:** Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

**Reference to other sections:** Refer to Section 13 for Disposal Considerations.

## 7. HANDLING AND STORAGE

**Precautions for safe handling:** Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

**Conditions for safety storage, including any incompatibilities:** Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from incompatible materials described in Section 10. Store away from sources of heat or ignition. Keep containers closed when not in use - check regularly for leaks.

**Specific end use:** Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Ensure that eyewash stations and safety showers are close to the workstation location.

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This material is classified as a Dangerous Good Class 2.1 Flammable Gas as per the criteria of "The European Agreement Concerning the International Carriage of Dangerous Goods by Road (ADR)", "The Regulations Concerning the International Carriage of Dangerous Goods by Rail (RID)" and "The European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN)" and must be stored in accordance with the relevant regulations.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

**Occupational exposure limits:** No Workplace Exposure Standard values have been assigned for this specific material by the Health and Safety Executive (HSE).

However, for:

	WES-TWA		WES-STEL		CARCINOGEN CATEGORY	NOTICES
	ppm	mg/m3	ppm	mg/m3		
Xylene	50	220	100	441	-	-
Propane*	1,000	1,800	4,000	7,200	-	-
Butane	600	1,450	750	1,810	-	-
Isobutane*	1,000	2,400	4,000	9,600	-	-
Ethyl benzene	100	441	125	552	-	-
Aluminium (inhalable aerosol)	-	10	-	-	-	-
Aluminium (respirable aerosol)	-	4	-	-	-	-

\*Assigned by Germany (DFG)  
Assigned by United Kingdom.

As published by GESTIS International Limit Values ([http://limitvalue.ifa.dguv.de/WebForm\\_gw2.aspx](http://limitvalue.ifa.dguv.de/WebForm_gw2.aspx)).

WES-TWA (Workplace Exposure Standard – Time-weighted Average). The time-weighted average exposure standard designed to protect the worker for the effects of long-term exposure.

WES-STEL (Workplace Exposure Standard - Short-Term Exposure Limit). The 15-minute average exposure standard. Applies to any 15-minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue changes, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

**Biological monitoring:** As per the "Biological Monitoring Guidance Values (Health and Safety Executive and the European Scientific Committee on Occupational Exposure Limits" the following ingredients in this material requires biological monitoring.  
Xylene

For detailed information see "List of Recommended Health-based Biological limit (BLVs) and Biological Guidance Values (BGVs), Scientific Committee on Occupational Exposure Limits, 2014" and UK Governmental Health & Safety Laboratory Service, Biological Monitoring Guidance Values, 2015".

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## Exposure Controls

**Engineering Controls:** Ensure ventilation is adequate to maintain air concentrations below Workplace Exposure Standards.

**Personal Protection Equipment:** OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES.

Personal protective equipment should be used only when other control measure (eg. elimination, substitution, isolation and engineering controls) have been found to be impractical or in conjunction with one or more control measures.

**Manufacturing, Packing and Transport:** Wear overalls, safety glasses and impervious gloves. If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of HSE Respiratory Protective Equipment at Work HSGE53.

**Recommendations for consumer use:** Wear gloves. Wash hands after use.

**Environmental Exposure Controls:** Keep containers closed when not in use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

**Appearance and odour:** Silver coloured, aerosol with a solvent odour.

<b>Solubility:</b>	Insoluble in water. Soluble in organic solvents.
<b>Specific Gravity (20 °C):</b>	0.71
<b>Relative Vapour Density (air=1):</b>	>1
<b>Vapour Pressure (20 °C):</b>	8300 hPa
<b>Oxidising Properties:</b>	N Av
<b>Flash Point (°C):</b>	-104 (Propane)
<b>Flammability Limits (%):</b>	LEL – 1.1; UEL – 10.9
<b>Autoignition Temperature (°C):</b>	365
<b>Explosive Properties:</b>	N Av
<b>Initial Boiling Point/Range (°C):</b>	N Av
<b>Decomposition Point (°C):</b>	N Av
<b>Melting Point/Freezing Point (°C):</b>	N Av
<b>pH:</b>	N Av
<b>Viscosity:</b>	N Av
<b>Partition Coefficient:</b>	N Av
<b>Evaporation Rate (n-Butyl acetate=1):</b>	N Av
<b>Total VOC (g/Litre):</b>	566.6

(Typical values only - consult specification sheet)

N Av = Not available

N App = Not applicable

## 10. STABILITY AND REACTIVITY

**Reactivity:** No reactivity hazards are known for the material.

**Chemical stability:** This material is thermally stable when stored and used as directed.

**Possibility of hazardous reactions:** No known hazardous reactions.

**Conditions to avoid:** Elevated temperatures and sources of ignition.

**Incompatible materials:** Oxidising agents.

**Hazardous decomposition products:** Oxides of carbon and nitrogen, smoke and other toxic fumes.

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

### Information on Toxicological Effects

**Inhalation:** Material may be an irritant to mucous membranes and respiratory tract. Inhalation of vapour can result in headaches, dizziness and possible nausea. Inhalation of high concentrations can produce central nervous system depression, which can lead to loss of co-ordination, impaired judgement and if exposure is prolonged, unconsciousness.

**Skin contact:** Contact with skin will result in irritation. A component of this material can be absorbed through the skin. Effects can include those described for 'INGESTION'.

**Ingestion:** Swallowing can result in nausea, vomiting and central nervous system depression. If the victim is uncoordinated there is greater likelihood of vomit entering the lungs and causing subsequent complications. Aspiration pneumonia (inflammation of the lung) may result.

**Eye contact:** May be an eye irritant.

### Acute toxicity

**Inhalation:** This material has been classified as a Category 4 Hazard.  
Acute toxicity estimate (based on ingredients): 10 - 20 mg/L

**Skin contact:** This material has been classified as a Category 4 Hazard.  
Acute toxicity estimate (based on ingredients): 1,000 - 2,000 mg/Kg

**Ingestion:** Based on available data the classification criteria have not been met. This material has been classified as non-hazardous.  
Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

**Corrosion/Irritancy:** Eye: Based on available data this material has been classified as not corrosive or irritating to eyes.  
Skin: Based on available data this material has been classified as a Category 2 Hazard (irritant to skin).

**Sensitisation:** Inhalation: Based on available data this material has been classified as not a respiratory sensitiser.  
Skin: Based on available data this material has been classified as not a skin sensitiser.

**Aspiration hazard:** Based on available data this material has been classified as non-hazardous.

**Specific target organ toxicity (single exposure):** Based on available data this material has been classified as non-hazardous.

### Chronic Toxicity

**Mutagenicity:** Based on available data this material has been classified as non-hazardous.

**Carcinogenicity:** Based on available data this material has been classified as non-hazardous.

**Reproductive toxicity (including via lactation):** Based on available data this material has been classified as non-hazardous.

**Specific target organ toxicity (repeat exposure):** Based on available data this material has been classified as non-hazardous.



## 12. ECOLOGICAL INFORMATION

### Toxicity

**Acute:** This material has not been classified as hazardous to the aquatic environment.

For the constituent,

*XYLENE*<sup>1</sup>

96hr LC50 (*Rainbow trout*) 3.3 mg/L

48hr LC50 (*Palaemonetes pugio*): 8.5 mg/L

72hr EC50 (*Skeletonema costatum*): 10 mg/L

**Chronic:** This material has not been classified as hazardous to the aquatic environment.

**Persistence and degradability:** Xylene is readily biodegradable.<sup>1</sup>

**Bio-accumulative potential:** No information available.

**Mobility in soil:** No information available.

**Results of PBT and vPvB assessment:** A PBT/vPvB assessment is not required for this material.

**Other adverse effects:** No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods:** Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose of in accordance with the countries' Environmental Protection Authority.

## 14. TRANSPORT INFORMATION

### Road and Rail Transport

Classified as Dangerous Goods by the criteria of "The European Agreement Concerning the International Carriage of Dangerous Goods by Road (ADR)", "The Regulations Concerning the International Carriage of Dangerous Goods by Rail (RID)" and "The European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN)".

**UN No:** 1950  
**Dangerous Goods Class:** 2.1 Flammable Gas  
**Packing Group:** Not allocated  
**Hazchem Code:** 2YE  
**Emergency Response Guide No:** 49

**Proper Shipping Name:** AEROSOLS

**Segregation Dangerous Goods:** Not to be loaded with explosives (Class 1), flammable liquids (Class 3), if both are in bulk, flammable solids (Class 4.1), spontaneously combustible substances (Class 4.2), dangerous when wet substances (Class 4.3), oxidising agents (Class 5.1), organic peroxides (Class 5.2) or radioactive substances (Class 7), however exemptions may apply.

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## MARINE TRANSPORT

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

**UN No:** 1950  
**Dangerous Goods Class:** 2.1 Flammable Gas  
**Packing Group:** Not allocated

**Proper Shipping Name:** AEROSOLS

## AIR TRANSPORT

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

**UN No:** 1950  
**Dangerous Goods Class:** 2.1 Flammable Gas  
**Packing Group:** Not allocated

**Proper Shipping Name:** AEROSOLS, FLAMMABLE

**Special Precautions for User:** Not applicable.

**Transport in Bulk according to Annex II MARPOL 73/78 and the IBC Code:** Not applicable.

## 15. REGULATORY INFORMATION

**Safety, health and environmental regulations/legislation specific for the substance or mixture:** This Safety Data Sheet has been written in accordance with Regulation (EC) No. 1272/2008 (CLP) and ECHA corresponding Guidance on the Classification, Labelling and Packaging of Substances and Mixtures (2015, Version 4,1)

All the constituents of this material are listed on the European Chemicals Agency C&L Inventory.

### This material is not subject to the following international agreements

- Montreal Protocol (Ozone depleting substances)
- The Stockholm Convention (Persistent Organic Pollutants)
- The Rotterdam Convention (Prior Informed Consent)

### This material is subject to the following international agreements:

Basel Convention (Hazardous Waste)

- Wastes from production, formulation and use of inks, dyes, pigments, paints, lacquers, varnish

International Convention for the Prevention of Pollution from Ships (MARPOL)

- Annex III - Harmful Substances carried in Packaged Form

**Chemical safety assessment:** No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.



## 16. OTHER INFORMATION

**Indications of changes:** First Issue

### Literatures sources and abbreviations

1. *New Zealand Environmental Protection Authority. Chemical Classification and Information Database. Xylene.*

CLP Classification, Labelling and Packaging  
EC European Commission  
EC No. EINECS Number  
ECHA European Chemicals Agency  
H220 Extremely flammable gas  
H225 Highly flammable liquid and vapour  
H226 Flammable liquid and vapour  
H250 Catches fire spontaneously if exposed to air  
H261 In contact with water releases flammable gas  
H304 May be fatal if swallowed and enters airways  
H312 Harmful in contact with skin  
H315 Causes skin irritation  
H332 Harmful if inhaled  
H373 May cause damage to organs through prolonged or repeated exposure  
HSE Health Safety Executive  
Press. Gas Pressurised Gas  
PVT Persistent, Bioaccumulative and Toxic  
vPvB Very Persistent and very Bioaccumulative

This Safety Data Sheet has been prepared by Chemical Data Services Pty Ltd ([chemdata.com.au](http://chemdata.com.au)) on behalf of its client.

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Craig & Rose Paints Ltd. cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.

End of SDS.