
SAFETY DATA SHEET

SECTION 1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Product Name: CARBOXIDE BRIGHT ALUMINIUM PAINT
- Product Part Number: P220-23
- Container Size 500ml - 1 Litre - 2.5 Litre - 5 Litre

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

- Use of the substance/mixture:

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Palatine Paints & Chemicals Ltd
- Address of Supplier: 55 Smallbrook Lane,
Leigh, Lancashire.
WN7 5EW
- Telephone: 01942 871210 (Not 24 Hour)
- Responsible Person: Enquires@palatinepaints.co.uk
- Email: Safety@palatinepaints.co.uk

1.4 Emergency telephone number

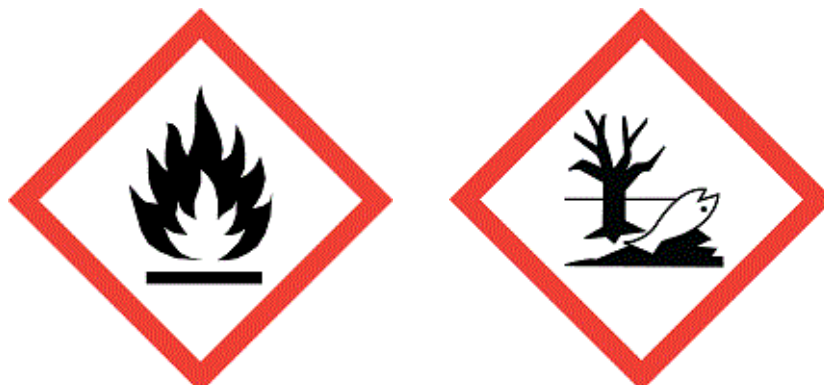
- Emergency Telephone: 01942 871210 (NOT 24 Hour)
-

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

- CLP: Flam. Liq. 3
- Physical hazards: Flam.Liq. 3 - H226
- Health Hazard: Elicitation - EUH208
- Environmental Hazard Not Classified
- Classification (67/548/EEC or R10 1999/45/EC)
- Human Health Irritating to skin. Product has a defatting effect on skin.
- Physicochemica: Heating may generate flammable vapours. Vapours may form explosive mixtures with air.

2.2 Label elements



SECTION 2 Hazards identification (....)

- Signal Word: Warning
- Hazard statements
 - Signal Word: Warning
 - Flammable liquid and vapour (H226).
 - May cause drowsiness or dizziness (H336).
 - Toxic to aquatic life with long lasting effects (H411).
 - EUH208 Contains C6-C19 BRANCHED FATTY ACIDS, COBALT N(2+) SALTS. May produce an allergic reaction.
- Precautionary statements
 - Avoid release to the environment (P273).
 - Wear protective gloves/protective clothing/eye protection/face protection (P280).
 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower (P303+P361+P353).
 - IF exposed or concerned: Get medical advice/attention (P308+P313).
 - Dispose of contents/container to an authorised waste collection point (P501)
 - Keep away from heat/sparks/open flames/hot surfaces. – No smoking (P210).
 - Keep container tightly closed
 - Take precautionary measures against static discharge (P243).
 - Do not breathe vapour/fumes
 - Wash hands thoroughly after using this substance
 - Do not eat, drink or smoke when using this product (P270).
 - In case of fire: use foam, carbon dioxide or dry agent for extinction (P370+P378)
 - Collect spillage (P391).
 - Store in a well-ventilated place. Keep cool (P403+P235).
 - Contains: NAPHTHA (PETROLEUM) HYDROTREATED HEAVY.

2.3 Other hazards

SECTION 3 Composition/information on ingredients

3.1 Mixtures

- Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)
 - CAS Number: 64742-88-7
 - EC Number: 265-191-7
 - Concentration: 15-40%
 - Categories: Flam. Liq. 3 EUH066 Asp. Tox. 1 STOT SE 3 Aquatic Chronic 2
 - Symbols: GHS07,GHS02,GHS09,GHS8,DGR
 - H Statements: H226,H304,H336,H411
- cobalt
 - CAS Number: 7440-48-4
 - EC Number: 231-158-0
 - Concentration: <1%
 - Categories: Resp. Sens. 1 Skin Sens. 1 Aquatic Chronic 4
 - Symbols: GHS08, Xn
 - R/H Phrases: H334,H317,H413, R42/43,R53

SECTION 4 First aid measures

4.1 Description of first aid measures

- General Information: Move affected person to fresh air at once. Get medical attention if any discomfort continues.
- Inhalation: Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
- Ingestion: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label
- IF ON SKIN: Wash with plenty of soap and water (P302+P352).
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower (P303+P361+P353).
- If skin irritation or rash occurs: Get medical advice/attention (P333+P313).
- Wash contaminated clothing before reuse (P363).
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).

4.2 Most important symptoms and effects, both acute and delayed

4.3 Indication of any immediate medical attention and special treatment needed

SECTION 5 Fire-fighting measures

5.1 Extinguishing media

- In case of fire: Use foam. Dry Chemicals, sand etc. for extinction (P370+P378).

5.2 Special hazards arising from the substance or mixture

- The product is flammable. Heating may generate flammable vapours. Thermal decomposition or combustion products may include the following substances. Toxic gases or vapours.

5.3 Advice for firefighters

- Wear Positive-Pressure Breathing Apparatus
 - In the event of an adjacent fire, cool containers with water spray
-

SECTION 6 Accidental release measures

Spillage causes slippery surface

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8

6.2 Environmental Precautions

- Avoid discharge into drains or watercourses or onto the ground.

6.3 Methods and material for containment and cleaning up

- Eliminate all ignition sources if safe to do so (P381).

SECTION 6 Accidental release measures (....)

- Eliminate all sources of ignition. No Smoking, sparks, flames or other sources of ignition near spillage.
Provide adequate ventilation. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see section 13. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.4 Reference to other sections

SECTION 7 Handling and storage

7.1 Precautions for safe handling

- Keep away from heat/sparks/open flames/hot surfaces. – No smoking (P210).
- Avoid spilling
- Avoid contact with skin and eyes
- Provide adequate ventilation.
- Avoid inhalation of vapours.
- Use approved respirator if air contamination is above an acceptable level.

7.2 Conditions for safe storage, including any incompatibilities

- Keep away from oxidisers, heat, flames or ignition sources
- Store in tightly closed original container in a dry, cool and well-ventilated place. Keep only in the original container.
- Storage Class: Flammable liquid storage.

7.3 Specific end use(s)

SECTION 8 Exposure controls/personal protection

8.1 Control parameters

- WHITE SPIRIT
Ingredient comment: WEL = Workplace Exposure Limit. 350mg/m³ TWA 8 hour
WHITE SPIRIT (CAS: 64742-88-7)
DNEL Industry - Dermal; Long term : 350 mg/kg/day
Industry - Inhalation; Short term : 1500 mg/m³
Consumer - Dermal; Long term : 350 mg/kg/day
Consumer - Inhalation; Long term : 900 mg/m³
Consumer - Oral; Long term : 350 mg/kg/day

8.2 Exposure controls



- Appropriate engineering controls: Provide adequate general and local exhaust ventilation.
- Eye / Face Protection: The following protection should be worn: Chemical splash goggles.
- Hand Protection: Use Protective Gloves

SECTION 8 Exposure controls/personal protection (....)

- Other Skin and Body Protection: Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact. Provide eyewash station.
 - Hygiene Measures: DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap and water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.
 - Respiratory protection: If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Organic vapour filter.
-

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Liquid
- Odour: Aromatic odour
- Boiling Point/Range: Boiling point 152 °C to 198 °C at 760 mm /Hg
- Flashpoint: 35 C CC (Closed cup)
- Upper Explosive Limit: Lower flammable/explosive limit: 0.8
- Vapour Density: >1
- Density: 0.90 - 1.3 @ 25C
- Viscosity: Viscosity 150- 400 mPa.s at 25 deg C
- Solubility in water: Insoluble in water

9.2 Other information

- Volatility 50
 - Volatile Organic Compound Content <500g/l
-

SECTION 10 Stability and reactivity

10.1 Reactivity

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- Avoid contact with oxidising substances

10.4 Conditions to avoid

10.5 Incompatible materials

10.6 Hazardous Decomposition Products

- The product is flammable. Heating may generate flammable vapours. Thermal decomposition or combustion products may include the following substances. Toxic gases or vapours.
-

SECTION 11 Toxicological information

11.1 Information on toxicological effects

SECTION 11 Toxicological information (....)

- Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
- The ingestion of significant quantities may cause damage to mucous membranes
- Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis
- Eye Contact: May Cause severe eye irritation.

WHITE SPIRIT

· LD/LC50 values relevant for classification:

Oral LD50 >6500 mg/kg (rat)

Dermal LD50 >3000 mg/kg (rab)

Inhalative LC50/4 h >14 mg/l (rat)

SECTION 12 Ecological information

Ecotoxicity: The product is not expected to toxic to aquatic organisms.

12.1 Toxicity

12.2 Persistence and degradability

12.3 Bioaccumulation Potential

12.4 Mobility in soil

12.5 Results of PBT and vPvB assessment

12.6 Other Adverse Effects

SECTION 13 Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
-

SECTION 14 Transport information



14.1 UN Number

- UN No.: 1263

14.2 Proper Shipping Name

- Proper Shipping Name: PAINT
Proper shipping name PAINT
(ADR/RID)

Proper shipping name PAINT
(IMDG)

Proper shipping name PAINT
(ICAO)

SECTION 14 Transport information (....)

Proper shipping name PAINT
(ADN)

14.3 Transport hazard class(es)

- Hazard Class: 3

14.4 Packing group

- Packing Group: III

14.5 Environmental hazards

- On available data, substance is not harmful to the environment

14.6 Special precautions for user

- EmS : F-E, S-E
- Emergency Action Code: 3YE
- Hazard Identification Number: 30
(ADR/RID)
- Tunnel restriction code: (D/E)

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

SECTION 15 Regulatory information

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

- National Regulations: The chemicals (Hazard information and Packaging for Supply) Regulations 2009 (SI 2009 No 716).
- Control of Substances Hazardous to Health Regulations 2002 (as amended)
- EU legislation: Regulation (EC) No 1907/2006 of the European Parliament and of the council of 18 December 2006 concerning the Registration Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
- Guidance: Workplace Exposure Limits EH40.
- Introduction to Local Exhaust Ventilation HS(G)37
- CHIP for everyone HSG228.
- Approved Classification and Labelling Guide (sixth addition) L131

15.2 Chemical Safety Assessment

SECTION 16 Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:-
EUH066: Repeated exposure may cause skin dryness or cracking. H226: Flammable liquid and vapour. H304: May be fatal if swallowed and enters airways. H317: May cause an allergic skin reaction. H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled. H336: May cause drowsiness or dizziness. H411: Toxic to aquatic life with long lasting effects. H413: May cause long lasting harmful effects to aquatic life. R42/43: May cause sensitisation by inhalation and skin contact. R53: May cause long term adverse effects in the aquatic environment.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use