

SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: CARBOXIDE GREEN BITUMEN PAINT
- Product Part Number: P211-14
- Container Size 1 Litre - 2.5 Litre - 5 Litre - 20 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 884122
- Responsible Person: Enquires@palatinepaints.co.uk
- Email: Safety@palatinepaints.co.uk

1.4 Emergency telephone number

- Emergency Telephone: 01942 871210
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SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

- CLP: Flam. Liq. 3, Acute Tox. 4, Eye Irrit. 2, STOT SE 3
- CHIP:
- Physical hazards: Flam.Liq. 3 - H226
- Health: Elicitation - EUH208 STOT SE 3 - H336 STOT SE 3 - H3
- Environmental Hazatd: Not Classified
- Classification (67/548/EEC or R10, R67
1999/45/EC)
- Human Health Irritating to skin. Product has a defatting effect on skin.
- Physicochemical: 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
 - Conyains: WHITE SPIRIT EC 919-857-5
 - Flammable liquid and vapour (H226).
 - May cause drowsiness or dizziness (H336).
 - EUH208 Contains C6-C19 BRANCHED FATTY ACIDS, COBALT N(2+) SALTS. May produce an allergic reaction.
- Precautionary statements
 - 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 INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P340).
 - Dispose of contents/container to an authorised waste collection point (P501)
 - Keep away from heat/sparks/open flames/hot surfaces. – No smoking (P210).
 - Store in a well-ventilated place. Keep cool (P403+P235).
 - Avoid breathing dust/fume/gas/mist/vapours/spray (P261).
 - Store in a well-ventilated place. Keep container tightly closed (P403+P233).
 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
 - Use only outdoors or in a well-ventilated area (P271).
 - Call a POISON CENTER or doctor/physician if you feel unwell (P312).
 - In case of fire use foam, carbon dioxide or dry agent
 - Store locked up (P405).

2.3 Other hazards

SECTION 3 Composition/information on ingredients**3.1 Mixtures**

- Solvent naphtha (petroleum), medium aliph.; Straight run kerosine
 - CAS Number: 64742-88-7
 - EC Number: 265-191-7
 - Concentration: 20-50%
 - Categories: Asp. Tox. 1
 - Symbols: GHS08, Xn
 - R/H Phrases: H304, R65

SECTION 3 Composition/information on ingredients (....)

- 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
H Statements: H334;H317
 - 2-butanone oxime; ethyl methyl ketoxime; ethyl methyl ketone oxime
CAS Number: 96-29-7
EC Number: 202-496-6
Concentration: <1%
Categories: Eye Dam. 1, Skin Sens. 1, Carc. 2
Symbols: GHS08;GHS07
H Statements: H312;H318;H317
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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

SECTION 5 Fire-fighting measures (....)

- 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).
- 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

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

Consumer - Oral; Long term : 350 mg/kg/da

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
- 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: 38 C CC (Closed cup)
- Upper Explosive Limit: Lower flammable/explosive limit: 0.8
- Vapour Density: >1
- Density: 0.8 -1.25 @ 25C
- Viscosity: Viscosity 800-1100 mPa.s at 25 deg C
- Solubility in water: Immiscible

9.2 Other information

- Volatility 45
- Volatile Organic Compound Content <510g/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

SECTION 10 Stability and reactivity (....)

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.
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SECTION 11 Toxicological information

11.1 Information on toxicological effects

- 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.
- Target Organs: Skin Eyes Respiratory system, lungs

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)

C6-C19 BRANCHED FATTY ACIDS, COBALT (2+) SALTS

Acute toxicity - oral

ATE oral (mg/kg)

500.0

Generic R40,R68,R22,R41,R42,R50

Acute toxicity - oral

ATE oral (mg/kg)

500.0

SECTION 12 Ecological information

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

12.1 Toxicity

- Ecotoxicity: The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

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
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SECTION 14 Transport information



14.1 UN Number

- UN No.: 1263

14.2 Proper Shipping Name

- Proper Shipping Name: PAINT

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:- H304: May be fatal if swallowed and enters airways. H312: Harmful in contact with skin. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled. R65: Harmful: may cause lung damage if swallowed.

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