
Section 1: Identification of the substance/mixture and of the company/undertaking 1.1**Product identifier**

Product code : Centrecoat ST1 Water Based Road Line Marking Paint

For colours NOT containing lead chromate pigmentation.

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

Use of the Substance/Mixture : See Technical Data Sheet.

1.3 Details of the supplier of the safety data sheetCompany : Promain UK Limited
Promain House, Knowl Piece
Hitchin, Hertfordshire
SG4 0TY

Telephone : 01462 421333

E-Mail : info@promain.co.uk

:

1.4 Emergency telephone number

Mon-Fri (08:00-17:00) : 01462 4213333

Out of office hours

Section 2: Hazards identification**2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No. 1272/2008, (CLP)

Skin Sensitisation, Category 1 : H317 May cause an allergic skin reaction.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008, (CLP)

Hazard pictograms :



Signal word : Warning

Hazard statements : H317 May cause an allergic skin reaction.

Precautionary statements : P261 Avoid breathing dust, fume, gas, mist, vapours or spray.
P280 Wear protective gloves, protective clothing, eye protection and face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.

P321 Specific treatment (see FIRST AID measures on this label).

P333+P313 IF skin irritation or rash occurs: Get medical advice or attention.

P501 Dispose of contents and container to waste disposal site in accordance with national regulations.

Supplemental hazard information : None. 2.3

Other hazards

Results of PBT and vPvB assessment

PBT : Not applicable.

vPvB : Not applicable.

Section 3: Composition/information on ingredients 3.1

Substances

Not applicable.

3.2 Mixtures

Description of the mixture : Mixture of resins, solvents, pigments and additives.

Hazardous components

Chemical name	EC Number	CAS Number	REACH Registration Number	% [weight]	Classification [Regulation (EC) No. 1272/2008]
ammonia	215-647-6	1336-21-6		0.1%-1.0%	H314, H335, H400

Additional information :

For the full text of the Hazard Statements mentioned in this Section, see Section 16.

Section 4: First aid measures

4.1 Description of first aid measures

General notes : In all cases of doubt, or when symptoms persist, seek medical attention.
 Never give anything by mouth to an unconscious person.
 If unconscious place in recovery position and seek medical advice.

If inhaled : Remove to fresh air, keep patient warm and at rest.
 If breathing is irregular or stopped, administer artificial respiration.

In case of skin contact : Remove contaminated clothing.
 Wash skin thoroughly with soap and water or use recognised skin cleanser.

	Do NOT use solvents or thinners.
In case of eye contact	: Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.
If swallowed	: If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.
Self-protection of the first aider	: None.
4.2 Most important symptoms and effects, both acute and delayed	: None.
4.3 Indication of any immediate medical attention and special treatment needed	: None.

Section 5: Firefighting measures

5.1 Extinguishing media

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| Suitable extinguishing media | : Alcohol resistant foam, CO2, powders and water spray/mist. |
| Unsuitable extinguishing media | : Water jet. |

5.2 Special hazards arising from the substance or mixture

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| Hazardous combustion products | : Fire will produce dense black smoke.

Exposure to decomposition products may cause a health hazard.

Appropriate breathing apparatus may be required. |
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5.3 Advice for firefighters

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| | : Cool closed containers exposed to fire with water.

Do not allow run-off from fire fighting to enter drains or watercourses. |
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Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

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| | : Avoid breathing vapours.

Refer to protective measures listed in Sections 7 and 8. |
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| 6.2 Environmental precautions | : Do not allow to enter drains or watercourses.

If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations. |
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6.3 Methods and material for containment and cleaning up

Version : 3.00

Revision Date : 01-Apr-15

Print Date : 06-May-15

: Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see Section 13).

Clean preferably with a detergent - avoid use of solvents. :

6.4 Reference to other Sections

None.

Section 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

: Avoid skin and eye contact.

Avoid inhalation of vapour and spray mist.

Smoking, eating and drinking should be prohibited in application area.

For personal protection see Section 8.

Never use pressure to empty: container is not a pressure vessel.

Always keep in containers of same material as the original one.

Comply with the health and safety at work laws.

Do not allow to enter drains or watercourses.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers

: Store in accordance with the Dangerous Substances and Explosive Atmospheres Regulations (DSEAR). The requirements are given in the HSE Approved Code of Practice and Guidance, Storage of Dangerous Substances: DSEAR.

Notes on joint storage

: Store away from oxidising agents, from strongly alkaline and strongly acid materials.

Additional information on storage conditions

: Observe label precautions.

Store between 5°C and 25°C in a dry, well ventilated place away from sources of heat and direct sunlight.

Keep container tightly closed.

Keep away from sources of ignition.

No smoking.

Prevent unauthorised access.

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

The principles contained in the HSE guidance note, Chemical Warehousing: The Storage of Packaged Dangerous Substances, should be observed when storing this product.

7.3 Specific end use(s) : None.

Section 8: Exposure controls/personal protection 8.1

Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

8.2.1 Appropriate engineering controls

General advice : Provide adequate ventilation.

Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

If these are not sufficient to maintain concentrations of particules and solvent vapour below the OEL, suitable respiratory protection must be worn.

8.2.2 Personal protection equipment

Respiratory protection : If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators.

Hand protection : There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals.

For prolonged or repeated handling, use Polyvinyl Alcohol (PVA) or Viton Rubber (FluorRubber).

The breakthrough time must be greater than the end use time of the product.

The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

Gloves should be replaced regularly and if there is any sign of damage to the glove material.

Always ensure that gloves are free from defects and that they are stored and used correctly.

The performance or effectiveness of the glove may be reduced by physical/chemical damage and poor maintenance.

Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

Eye protection : Use safety eyewear designed to protect against splash of liquids.

Version : 3.00

Revision Date : 01-Apr-15

Print Date : 06-May-15

Skin protection : Personnel should wear anti-static clothing made of natural fibre or of high temperature resistant synthetic fibre.

8.2.3 Environmental exposure controls

General advice : Do not allow to enter drains or watercourses.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance - Physical state : Viscous liquid.
- Colour : Various.
Odour : Ammonia.
Odour threshold - Lower : Not determined.
- Higher : Not determined.
pH : ~10.0
Melting point/freezing point (°C) : ~0
Initial boiling point and boiling range (°C) : ~100
Flash point (°C) : Not determined.
Evaporation rate : Not determined.
Flammability/explosive limits - Lower (%) : Not determined.
- Higher (%) : Not determined.
Vapour pressure : ~2.3 kPa 20.0 Lighter
Vapour density (air=1) : than air. 1.33-1.42
Relative density (g/ml) Solubility(ies) : Miscible with water.
Partition coefficient :
Auto-ignition temperature (°C) : Not determined.
Decomposition temperature (°C) : Not determined.
Viscosity : Not determined.
Explosive properties : ~3.5 Roto
Oxidising properties : Not determined.
: Not determined.

9.2 Other information

None.

Section 10: Stability and reactivity

10.1 Reactivity : No data available.
10.2 Chemical stability : Stable under recommended storage and handling conditions. (See Section 7).

Version : 3.00

Revision Date : 01-Apr-15

Print Date : 06-May-15

- 10.3 Possibility of hazardous reactions : Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
- 10.4 Conditions to avoid : When exposed to high temperatures may produce hazardous decomposition products.
- 10.5 Incompatible materials : No data available.
- 10.6 Hazardous decomposition products : Carbon monoxide and dioxide, smoke, oxides of nitrogen.

Section 11: Toxicological information

There are no data available on the mixture itself.

The mixture has been assessed following the conventional method of the Classification, Labelling and Packaging of Substances and Mixtures Regulation (EC) No. 1272/2008 and classified for toxicological hazards accordingly.

See Sections 2 and 3 for details.

11.1 Information on toxicological effects

Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

The liquid splashed in the eyes may cause irritation and reversible damage.

Ingestion may cause nausea, diarrhoea and vomiting.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Section 12: Ecological information

There are no data available on the mixture itself. Do not allow to enter drains or watercourses.

- 12.1 Toxicity : No data available.
- 12.2 Persistence and degradability 12.3 : No data available.
- Bioaccumulative potential : No data available.
- 12.4 Mobility in soil : No data available.
- 12.5 Results of PBT and vPvB assessment : No data available.
- 12.6 Other adverse effects : No data available.

Section 13: Disposal considerations

13.1 Waste treatment methods

Do not allow to enter drains or watercourses.

The European List of Waste classification of this product, when disposed of as waste, is

Waste Code: Name of Waste (according to Commission Decision 2000/532/EC):

Version : 3.00

Revision Date : 01-Apr-15

Print Date : 06-May-15

08 01 11* Waste paint and varnish containing organic solvents or other dangerous substances.

If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.

For further information contact your local waste authority.

Using information provided in this safety data sheet, advice should be obtained from the local waste authority on the classification of empty containers.

Empty containers must be scrapped or reconditioned.

Dispose of containers contaminated by the product in accordance with local or national legal provisions.

Section 14: Transport information

This mixture is not classified as dangerous according to international transport regulations (ADR/RID, IMDG, ICAO/IATA).

14.1 UN number

: Not dangerous goods.

14.2 UN proper shipping name

: Not dangerous goods.

14.3 Transport hazard class(es)

: Not dangerous goods.

14.4 Packing group

: Not dangerous goods.

14.5 Environmental hazards

: Not dangerous goods.

14.6 Special precautions for user

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.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

: Not dangerous goods.

Section 15: Regulatory information

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

The information in this Safety Data Sheet is required pursuant to :

- Registration, Evaluation, Authorisation and Restriction of Chemicals, Regulation (EC) No. 1907/2006, (REACH).
- Classification, Labelling and Packaging of substances and mixtures, Regulation (EC) No. 1272/2008, (CLP).
- The Dangerous Substances and Explosive Atmospheres Regulations, 2002, (DSEAR).

Version : 3.00

Revision Date : 01-Apr-15

Print Date : 06-May-15

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- The Control of Substances Hazardous to Health Regulations, 2002, (COSHH).
 - The Health and Safety at Work etc Act, 1974, (HSWA).

Approved Codes of Practice and Guidance notes relevant to this Safety Data Sheet :

- The European Chemicals Agency (ECHA) Guidance on the compilation of safety data sheets, Version 2.1.
- CEPE Guideline for Safety Data Sheets, 9th Edition.
- HSE Approved Code of Practice and Guidance, Dangerous Substances and Explosive Atmospheres.
- HSE guidance note, Chemical Warehousing: The Storage of Packaged Dangerous Substances.
- HSE publication, EH40/2005 Workplace exposure limits.

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

Section 16: Other information

Full text of Hazard Statements referred to in Section 3.

H314 : Causes severe skin burns and eye damage.

H335 : May cause respiratory irritation.

H400 : Very toxic to aquatic life.

Revision history

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Sections updated	: Format and all sections updated for CLP/REACH regulation changes.
Supersedes date	: 01-Apr-15
Supersedes version	: 3.00

The information in this Safety Data Sheet is based on the present state of knowledge and current legislation.

It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

The product should not be used for purposes other than those shown on the Technical Data Sheet without first referring to the supplier and obtaining written handling instructions.

As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this Safety Data Sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation.
