

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

19085		19085	pp25kg
Product specification	19085	Revision Date	30.05.2014
Version	2.0	Print Date	07.06.2015
Material number	19085	Page	Page 1 of 12

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifier

Material number : 19085

Trade name : 19085 Spraying Medium

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

Use of the substance : Aqueous Ceramic Painting Medium

1.3 Details of the supplier of the safety data sheet

Company : Milton Bridge Ceramic Colours Ltd.
Unit 9 Trent Trading Park
Botteslow St
Hanley
Stoke-On-Trent
ST1 3LY

Telephone : +441782274229

Telefax : +441782281591

E-mail address : djb@milton-bridge.co.uk

Responsible/issuing person

1.4 Emergency telephone number

In-Country Number : +(44)-1782-274229

CHEMTREC Global Number : +(1)-703-527-3887(Call Collect)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

This document has been developed with the exclusive purpose of complying with the obligation of informing the supply chain according to article 32 of the Reach regulation, because this material is not classified and does not require a material safety data sheet.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Nonylphenol, branched, ethoxylated (30 E0)	68412-54-4	R52/53	Aquatic Chronic 3; H412	< 1.5
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For the full text of the R-phrases mentioned in this Section, see Section 16.
For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General advice	: Do not leave the victim unattended.
If inhaled	: If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of skin contact	: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.
In case of eye contact	: Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	: Clean mouth with water and drink afterwards plenty of water. Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms	: None known.
Risks	: None known.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment	: The first aid procedure should be established in consultation with the doctor responsible for industrial medicine.
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SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.

5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Standard procedure for chemical fires.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.
Ensure adequate ventilation.
Evacuate personnel to safe areas. .

6.2 Environmental precautions

Environmental precautions : No special environmental precautions required.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).
Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: HANDLING AND STORAGE

Advice on safe handling : For personal protection see section 8.
No special handling advice required.

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

Advice on protection against fire and explosion : Normal measures for preventative fire protection

Hygiene measures : General industrial hygiene practice.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place. Electrical installations / working materials must comply with the technological safety standards.

Advice on common storage : No special restrictions on storage with other products. No materials to be especially mentioned.

Other data : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Specific use(s) : Consult the technical guidelines for the use of this substance/mixture.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters below limit for consideration

DNEL

Nonylphenol, branched, ethoxylated (30 E0)

: No data available

PNEC

Nonylphenol, branched, ethoxylated (30 E0)

: No data available

8.2 Exposure controls

Engineering measures

Use adequate ventilation and/or engineering controls in high temperature processing to prevent exposure to vapours.

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Respiratory protection : Respirator with a vapour filter (EN 141)

: Use respirator when performing operations involving potential exposure to vapour of the product.

Hand protection : Protective gloves complying with EN 374.

Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Eye protection : Safety glasses with side-shields conforming to EN166 Skin and body protection : Wear suitable protective clothing.

: Skin should be washed after contact.

: Remove and wash contaminated clothing before re-use.

Hygiene measures : Wash hands before breaks and immediately after handling the product.

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: When using do not eat, drink or smoke.

Protective measures : Ensure that eye flushing systems and safety showers are located close to the working place.

Environmental exposure controls

General advice:

The product should not be allowed to enter drains, water courses or the soil.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	: Liquid
Colour	: White
Odour	: ester-like
Odour Threshold	: No data available
pH	: 5 - 6, ISO 976
Melting point/range	: No data available
Boiling point/boiling range	: No data available
Flash point	: Not applicable
Evaporation rate	: Not applicable
Flammability (solid, gas)	: The product is not flammable.
Burning rate	: No data available
Auto-ignition temperature	: No data available
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	: 23 hPa, at 20 °C
Density	: 0.9 - 1.1
Bulk density	: No data available
Solubility(ies)	
Water solubility	: insoluble
Solubility in other solvents	: No data available
Partition coefficient: n-	: Not applicable

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octanol/water

Thermal decomposition : No data available

Viscosity
Viscosity, dynamic : 600 - 2,500 mPa s, ISO 2555

Explosive properties : No data available

9.2 Other information

No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable under recommended storage conditions.
No decomposition if stored and applied as directed.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : No hazards to be specially mentioned.

10.4 Conditions to avoid

Conditions to avoid : No data available

10.5 Incompatible materials

Materials to avoid : No data available

10.6 Hazardous decomposition products

Hazardous decomposition products : Stable under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Information on toxicological effects

No data is available on the product itself. The product contains no substances known to be hazardous to health in concentrations which need to be taken into account. Information given is based on data on the components and the toxicology of similar products.

Components:

Nonylphenol, branched, ethoxylated (30 E0):

Acute inhalation toxicity : No data available

Acute dermal toxicity : No data available

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Skin corrosion/irritation : Rabbit, OECD Test Guideline 404, No skin irritation
Serious eye damage/eye irritation

: Rabbit, OECD Test Guideline 405, No eye irritation

Respiratory or skin sensitization

: No data available

Genotoxicity in vitro : No data available

Genotoxicity in vivo : No data available

Carcinogenicity : No data available

Reproductive toxicity : No data available

STOT - single exposure : No data available

STOT - repeated exposure : No data available

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity Product:

Ecotoxicology Assessment

Acute aquatic toxicity : No data is available on the product itself.

Chronic aquatic toxicity : No data is available on the product itself.

Components:

Nonylphenol, branched, ethoxylated (30 E0):

Toxicity to fish : LC50: 10.1 - 100 mg/l, 96 h, Fish, Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Toxicity to daphnia and other aquatic invertebrates.

: EC50: 10.1 - 100 mg/l, 48 h, Daphnia magna (Water flea), Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Toxicity to algae : No data available

Toxicity to fish (Chronic toxicity): No data available

Toxicity to daphnia and other aquatic invertebrates.

(Chronic toxicity) : No data available

12.2 Persistence and degradability

Product:

Biodegradability : Taking into consideration the properties of several components, the product is estimated not to be readily biodegradable according to OECD classification.

Components:

Nonylphenol, branched, ethoxylated (30 E0):

Biodegradability : Not readily biodegradable.

12.3 Bioaccumulative potential

Bioaccumulation : Bioaccumulation is unlikely.

Components:

Nonylphenol, branched, ethoxylated (30 E0):

Bioaccumulation : Fish, Bioconcentration factor (BCF): 1.4 - 3,000

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12.4 Mobility in soil

Product:

Distribution among environmental compartments: No data available

Physico-chemical removability : 98 %, OECD Test Guideline 302, The product can be eliminated from water by abiotic processes, e.g. adsorption on activated sludge.

Components:

Nonylphenol, branched, ethoxylated (30 E0):

Distribution among environmental compartments : Medium: Soil, No data available

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12.5 Results of PBT and vPvB assessment

Components:

Nonylphenol, branched, ethoxylated (30 E0):

Assessment : No data available

12.6 Other adverse effects.

Product:

This product has no known eco-toxicological effects.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

- Product : Offer surplus and non-recyclable solutions to a licensed disposal company.
- Contaminated packaging : Empty remaining contents.
Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

Not regulated as a dangerous good

14.2 UN proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class(es)

Not regulated as a dangerous good

14.4 Packing group

Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Remarks : Not classified as dangerous in the meaning of transport regulations.

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

Ship type : N/A
Pollution category : N/A

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SECTION 15: REGULATORY INFORMATION

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

EU SVHC - Candidate List of Substances of Very High Concern for Authorisation: This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).

Major Accident Hazard 96/82/EC Update: 2003

Legislation Directive 96/82/EC does not apply

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The components of this product are reported in the following inventories:

REACH	: On the inventory, or in compliance with the inventory
CH INV	: On the inventory, or in compliance with the inventory
TSCA	: On TSCA Inventory
DSL	: All components of this product are on the Canadian DSL.
AICS	: On the inventory, or in compliance with the inventory
NZIoC	: On the inventory, or in compliance with the inventory
ENCS	: On the inventory, or in compliance with the inventory
ISHL	: Not in compliance with the inventory
KECI	: On the inventory, or in compliance with the inventory
PICCS	: On the inventory, or in compliance with the inventory
IECSC	: On the inventory, or in compliance with the inventory
TW INV	: Not in compliance with the inventory
MY INV	: Not in compliance with the inventory
TR INV	: Not in compliance with the inventory

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Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA), CH INV (Switzerland), MY INV (Malaysia), TR INV (Turkey), TW INV (Taiwan)

15.2 Chemical Safety Assessment

Not applicable

SECTION 16: OTHER INFORMATION

Full text of R-phrases referred to under sections 2 and 3.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Full text of H-Statements referred to under sections 2 and 3.

H412 Harmful to aquatic life with long lasting effects.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.