

Cafco®SBR Bonding Latex

Date: 13/08/2014
Supersedes: 10/09/2010

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

1.1. Product identifier

Trade name : Cafco®SBR Bonding Latex
Identification of the product : Synthetic latex, used as keycoat for fire protective coatings.
Type of product : Mixture

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

Use : Industrial use

1.3. Details of the supplier of the safety data sheet

Company identification : Promat UK Ltd
The Sterling Centre
Eastern Road - Berkshire
RG12 2TD Bracknell UNITED KINGDOM
Tel.: +44 (0) 1344 381400
Fax: +44 (0) 1344 381401
e-mail: technicaluk@promat.co.uk

1.4. Emergency telephone number

Emergency phone nr : +44 (0) 1344 381 400

SECTION 2 Hazards identification

Symptoms relating to use : For the installed product in its final application, no hazards known.

2.1. Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

This product is not classified as dangerous.

2.2. Label elements

Labeling EC 67/548 or EC 1999/45

No labeling required.

To our best knowledge, this product does not require any hazard labeling.

2.3. Other hazards

This mixture contains no substance considered to be persistent, bio accumulating nor toxic (PBT).

This mixture contains no substance considered to be very persistent nor very bio accumulating (vPvB).

May irritate eyes.

May irritate skin.

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Chemical nature: Aqueous dispersion

Hazardous Components

Chemical Name	CAS-No, EC No	Classification (67/458/EEC)	Classification (EC 1272/2008)	Concentration (%)
Nonylphenol, branched, ethoxylated (30 EO)	68412-54-4	R52/53	Aquatic Chronic 3; H412	<= 3.6

For full text of the R-phrases and H-statements in this section, see section 16.

SECTION 4 First aid measures**4.1. Description of first aid measures****First aid measures**

- **General advice** : Get medical attention if symptoms occur
: Show this safety data sheet to the doctor in attendance.
- **Inhalation** : Remove victim to fresh air. If signs/symptoms continue, get medical attention.
- **Skin contact** : Wash off immediately with soap and plenty of water. Remove contaminated clothing. If irritation develops, get medical attention. Wash contaminated clothing before reuse.
- **Eye contact** : Rinse the eye out with plenty of clean water for at least 15 minutes. Get medical attention.
- **Ingestion** : If accidentally swallowed obtain immediate medical attention. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Repeated or prolonged exposure may cause irritation of eyes and skin.

4.3. Indication of any immediate medical attention and special treatment needed

No information available

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Suitable extinguishing media : Not combustible.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : No information available.

5.2. Specific hazards arising from the substance or mixture

The pressure in sealed containers can increase under the influence of heat.

5.3. Advice for fire-fighters

Use personal protective equipment. The product itself does not burn. Prevent fire extinguishing water from contaminated surface water or the ground water system. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6 Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions : Use personal protective equipment.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

Clean up methods : Large spills should be collected mechanically (remove by pumping) for disposal. Prevent further leakage or spillage if safe to do so. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers. Clean contaminated floors and objects thoroughly while observing environmental regulations. Dispose of in accordance with local regulations.

6.4. Reference to other sections

For personal protection see section 8.

SECTION 7 Handling and storage**7.1. Precautions for safe handling**

Personal protection : Wear personal protective equipment (see section 8). Avoid inhalation, ingestion and contact with skin and eyes. Smoking, eating and drinking should be prohibited in the application area.

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Technical protective measures : Work in a well-ventilated area.

7.2. Conditions for safe storage, including any incompatibilities

Storage : Store in original container. Keep in properly labeled containers. Store between 5°C and 25 °C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. Do not freeze.

7.3. Specific end uses

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. Occupational control parameters

8.2.1 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.

8.2.2. Individual protection

Respiratory protection : Respirator with a vapour filter (EN 411). 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.

Skin and body protection : Wear suitable protective clothing. Skin should be washed after contact. Remove and wash contaminated clothing before re-use.

Eye protection : Safety glasses with side-shield conforming to EN 166.

Ingestion : Do not eat, drink or smoke when handling or applying the product. Wash hands before breaks and immediately after handling the product.

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

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Appearance	: liquid, aqueous dispersion
Colour	: white
Odour	: slight, aromatic
Odour threshold	: not determined
PH	: 9.1 – 11.0 (ISO 976)
Melting point/freezing point	: not determined
Boiling point	: not determined
Flash point	: not applicable
Evaporation rate	: not determined
Flammability (solid, gas)	: The product is not flammable
Lower explosion limit	: not applicable
Upper explosion limit	: not applicable
Vapour pressure	: 23 hPa at 20 °C
Relative vapour density	: not determined
Relative density	: 0.9-1.1
Water solubility	: Insoluble, completely miscible, in all proportions
Ignition temperature	: not applicable
Thermal decomposition	: not determined
Viscosity, dynamic	: 30 – 150 mPa s, ISO 1652
Explosive properties	: not applicable
Oxidizing properties	: not applicable

9.2. Other information

No information available.

SECTION 10 Stability and reactivity**10.1. Reactivity**

No dangerous reaction known under conditions of normal use.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

None known.

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Extremes of temperatures and direct sunlight.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

No decomposition if stored and applies as directed.

SECTION 11 Toxicological information**11.1. 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.

11.1.1. Components: Nonylphenol, branched, ethoxylated (30 E0):

Acute inhalation toxicity	: No data available.
Acute inhalation toxicity	: No data available.
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****12.1.1. Product:**

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

12.1.2 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.
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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.
Chronic toxicity to fish	: No data available.
Toxicity to daphnia and other aquatic invertebrates	: No data available.

12.2. Persistence and degradability**12.2.1. Product:**

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

12.1.2 Components: Nonylphenol, branched, ethoxylated (30 E0):

Biodegradability : Not readily biodegradable.

12.3. Bio-accumulative potential**12.3.1. Product:**

Bio-accumulation : Bioaccumulation is unlikely.

12.3.2 Components: Nonylphenol, branched, ethoxylated (30 E0):

Bio-accumulation : Fish, bio concentration factor (BCF): 1.4 – 3,000

12.4. Mobility in soil**12.4.1. 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.

12.4.2 Components: Nonylphenol, branched, ethoxylated (30 E0):

Distribution among environmental compartments

: Medium: soil, No data available.

Physico-chemical removability : No data available

12.5. Results of PBT and vPvB assessment**12.5.1. Product:**

This mixture contains no substance considered to be persistent, bio-accumulating nor toxic (PBT).

This mixture contains no substance considered to be very persistent nor very bio-accumulating (vPvB).

12.5.2 Components: Nonylphenol, branched, ethoxylated (30 E0):

Assessment : No data available

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This product has no known eco-toxicological effects.

SECTION 13 Disposal considerations**13.1. Waste treatment methods**

In accordance with local and national regulations.

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

Waste water from subsequent processing should be given appropriate treatment in line with local regulations.

Contaminated packaging: In accordance with local and national regulations.

SECTION 14 Transport information**14.1. UN Number**

ADR	: Not dangerous goods
RID	: Not dangerous goods
IMDG	: Not dangerous goods

14.2. Proper shipping name

ADR	: Not dangerous goods
RID	: Not dangerous goods
IMDG	: Not dangerous goods

14.3. Transport hazard class

ADR	: Not dangerous goods
RID	: Not dangerous goods
IMDG	: Not dangerous goods

14.4. Packing group

ADR	: Not dangerous goods
RID	: Not dangerous goods
IMDG	: Not dangerous goods

14.5. Environmental hazards

ADR	: Not dangerous goods
RID	: Not dangerous goods
IMDG	: Not dangerous goods

14.6. Special precautions for user

Not classified as dangerous in the meaning of transport regulations.

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Not applicable.

SECTION 15 Regulatory information**15.1. Safety, health and environmental regulations/legislations specific for the substance or mixture**

Basis	: RESTRICTION - REACH TITLE VIII
Components	: 68412-54-4, Nonylphenol, branched, ethoxylated (30 E0)
Concentration %	: <= 3.6
Water contaminating class (Germany)	: WGK 1 slightly water endangering. Classification according VwVwS, Annex 4
Other regulations	: The product does not need to be labeled in accordance with EC directives or respective national laws. This mixture contains only ingredients which have been subject to a pre-registration according to Regulation (EC) No. 1907/2006 (REACH).

15.2. Chemical Safety Assessment

Not applicable

15.3. Text of R-phrases and H-statements referred to under section 2 and 3

R 52/53	: Harmfull
S Phrase(s)	: None.

SECTION 16 Other information**16.1. Text of R-phrases and H-statements referred to under section 2 and 3**

R 52/53	: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
H412	: Harmful to aquatic life with long lasting effects.

16.2. DISCLAIMER OF LIABILITY

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

This data sheet and the information it contains is not intended to supersede any terms or conditions of sale and does not constitute a specification. Nothing contained herein is to be construed as a recommendation for use in violation of any patent or applicable laws or regulations.

The contents and format of this SDS are in accordance with REGULATION (EC) No 1907/2006 OF THE EUROPEAN Keep only in the original packaging in a cool PARLIAMENT AND OF THE COUNCIL