

Summary of product characteristics for a biocidal product family

Family name: Creosote BPF Koppers

Product type(s): PT08 - Wood preservatives (Preservatives)

Authorisation number: UK-2017-1017

R4BP 3 asset reference number: UK-0017949-0000

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Part I.- First information level

1. Administrative information

1.1. Family name

Creosote BPF Koppers

1.2. Product type(s)

PT08 - Wood preservatives (Preservatives)

1.3. Authorisation holder

Name and address of the authorisation holder

Name	Koppers International B.V.
Address	Molenlaan 55 1422XN Uithoorn Netherlands

Authorisation number

UK-2017-1017

R4BP 3 asset reference number

UK-0017949-0000

Date of the authorisation

17/10/2017

Expiry date of the authorisation

29/03/2021

1.4. Manufacturer(s) of the biocidal products

Name of the manufacturer

Koppers Denmark ApS

Address of the manufacturer

Avernakke 5800 Nyborg Denmark

Location of manufacturing sites

Avernakke 5800 Nyborg Denmark

Name of the manufacturer	Koppers UK
Address of the manufacturer	Huntsman Drive TS2 1SD Port Clarence United Kingdom
Location of manufacturing sites	Huntsman Drive TS2 1SD Port Clarence United Kingdom

1.5. Manufacturer(s) of the active substance(s)

Active substance	19 - Creosote
Name of the manufacturer	Koppers Denmark ApS
Address of the manufacturer	Avernakke 5800 Nyborg Denmark
Location of manufacturing sites	Avernakke 5800 Nyborg Denmark

Active substance	19 - Creosote
Name of the manufacturer	Koppers UK
Address of the manufacturer	Huntsman Drive TS2 1SD Port Clarence United Kingdom
Location of manufacturing sites	Huntsman Drive TS2 1SD Port Clarence United Kingdom

2. Product family composition and formulation

2.1. Qualitative and quantitative information on the composition of the family

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Creosote	Creosote Grade B or Grade C creosote as specified in European Standard EN 13991:2003	Active Substance	8001-58-9	232-287-5	100 - 100

2.2. Type(s) of formulation

AL - Any other liquid

Part II.- Second information level - meta SPC(s)

1. Meta SPC administrative information

1.1. Meta SPC identifier

meta SPC

1.2. Suffix to the authorisation number

1-1

1.3 Product type(s)

PT08 - Wood preservatives (Preservatives)

2. Meta SPC composition

2.1. Qualitative and quantitative information on the composition of the meta SPC

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Creosote	Creosote Grade B or Grade C creosote as specified in European Standard EN 13991:2003	Active Substance	8001-58-9	232-287-5	100 - 100

2.2. Type(s) of formulation of the meta SPC

Formulation(s)

AL - Any other liquid

3. Hazard and precautionary statements of the meta SPC**Hazard statements**

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

May cause cancer .

May damage fertility or the unborn child See note 1 under Other information...

Very toxic to aquatic life with long lasting effects.

Precautionary statements

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Do not get in eyes, on skin, or on clothing.

Contaminated work clothing should not be allowed out of the workplace.

IF exposed or concerned: Get medical advice.

Store in a closed container.

Dispose of contents to See note 2 under Other information...

Avoid release to the environment.

Collect spillage.

4. Authorised use(s) of the meta SPC**4.1 Use description**

Use 1 - Railway sleepers and fence panels/horizontals used in highways fencing, equestrian fencing and animal security fencing.

Product type

PT08 - Wood preservatives (Preservatives)

Where relevant, an exact description of the authorised use

Preventative treatment of wood to be used as railway sleepers and fence panels/horizontals used in the safety critical uses of highways fencing, equestrian fencing and animal security fencing.

Use Class 3: situation in which wood is not covered and not in contact with the ground. It is either continually exposed to weather or is protected from the weather but subject to frequent wetting.

Basidiomycetes (including *Lentinus lepideus*)-Wood rotting basidiomycetes--

Target organism(s) (including development stage)

Field(s) of use

Indoor
For impregnation in industrial plants.

Application method(s)

Closed system: pressure process -
VI.2.2 Vacuum pressure impregnation.

Application rate(s) and frequencies

See below - 0 -
Softwood: 70 -185 kg/m³
Hard wood: 160-185 kg/m³

One cycle per batch.

Penetration class (European Standard EN 351):

Softwood: Penetration class depends on durability requirement. Normally NP 5 should be applied

Hardwood: NP 3 - 5. Penetration class depends on durability requirement.

Category(ies) of users

Industrial

Pack sizes and packaging material

Rail wagon – steel – up to 60 tonnes

Rail container – steel – up to 30 tonnes

Ship – steel – 700 tonnes

Truck – steel – up to 30 tonnes

IBC (intermediate bulk container) – plastic – up to 1000 litres

IBC (intermediate bulk container) – steel – up to 1000 litres

Drum – steel – up to 250 litres

Can/Tin and Steel/Tin >20 litres

4.1.1 Use-specific instructions for use

- See directions for use.

4.1.2 Use-specific risk mitigation measures

-See directions for use.

4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

-See directions for use.

4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

-See directions for use.

4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

-See directions for use.

4.2 Use description

Use 2 - Overhead Electricity Poles; Telecommunication poles; Fencing posts for the safety critical uses of highways fencing, equestrian fencing and animal security fencing; Agricultural tree stakes/supports (fruit, vineyard and hops) only when a long service life (safety critical) is required.

Product type

PT08 - Wood preservatives (Preservatives)

Where relevant, an exact description of the authorised use

Preventative treatment of wood to be used as,
• Overhead electricity poles;
• Telecommunication poles;;
• Fencing posts for the safety critical uses of highways fencing, equestrian fencing and animal security fencing;
• Agricultural tree stakes stakes/supports (fruit, vineyard and hops) only when a long service life (safety critical) is required.

Use Class 4a: situation in which the wood is in contact with the ground and thus is permanently exposed to wetting.

Target organism(s) (including development stage)

Basidiomycetes (including Lentinus lepideus)-Wood rotting basidiomycetes--

--Soft rot fungi--

Field(s) of use	Indoor For impregnation in industrial plants.
Application method(s)	Closed system: pressure process - VI.2.2 Vacuum pressure impregnation.
Application rate(s) and frequencies	See below - 0 - Softwood: 100 - 195 kg/m ³ Hard wood: 160 - 210 kg/m ³
Category(ies) of users	Industrial
Pack sizes and packaging material	Rail wagon – steel – up to 60 tonnes Rail container – steel – up to 30 tonnes Ship – steel – 700 tonnes Truck – steel – up to 30 tonnes IBC (intermediate bulk container) – plastic – up to 1000 litres IBC (intermediate bulk container) – steel – up to 1000 litres Drum – steel – up to 250 litres Can/Tin and Steel/Tin >20 litres

4.2.1 Use-specific instructions for use

-See directions for use.

4.2.2 Use-specific risk mitigation measures

-See directions for use.

4.2.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

-See directions for use.

4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

-See directions for use.

4.2.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

-See directions for use.

4.3 Use description

Use 3 - Surface treatment (UC 3 and UC 4)

Product type	PT08 - Wood preservatives (Preservatives)
Where relevant, an exact description of the authorised use	<p>Superficial treatment of wood used as railway sleepers and fence panels/horizontals used in the safety critical uses of highways fencing, equestrian fencing and animal security fencing in Use Class 3 (situation in which wood is not covered and not in contact with the ground. It is either continually exposed to weather or is protected from the weather but subject to frequent wetting).</p> <p>Superficial treatment of wood in Use Class 4a (situation in which the wood is in contact with the ground and thus is permanently exposed to wetting) to be used as,</p> <ul style="list-style-type: none"> • Overhead electricity poles • Telecommunication poles; • Fencing posts for the safety critical uses of highways fencing, equestrian fencing and animal security fencing; • Agricultural tree stakes/supports (fruit, vineyard and hops) only when a long service life (safety critical) is required.
Target organism(s) (including development stage)	--Wood rotting fungi-- soft rot fungi (UC4a only)-Soft rot fungi--
Field(s) of use	Indoor Outdoor Outdoor Treatment of creosote impregnated wood (UC 3 and UC 4a) after modifications such as sawing, cutting, shaping and machining.
Application method(s)	Open system: brush treatment - -VI.1.1 Brush treatment

Application rate(s) and frequencies

1 litre/5 m² - 0 -
1 litre/5m²

Single application

Category(ies) of users

Trained professional

Professional

Pack sizes and packaging material

Can/Tin and Steel/Tin 20 litres

4.3.1 Use-specific instructions for use

- See directions for use.

4.3.2 Use-specific risk mitigation measures

See directions for use.

4.3.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See directions for use.

4.3.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See directions for use.

4.3.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See directions for use.

5. General directions for use of the meta SPC

5.1. Instructions for use

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.
It is best practice to treat wood in its final form after all cutting, shaping and machining has been carried out so that the protective envelope of preservative is not broken. If modifications of wood components after treatment are necessary a preservative that is compliant with the original treatment should be applied to protect any surfaces exposed by such works.

5.2. Risk mitigation measures

When handling the product

Any handling of the product should be done in well ventilated spaces. Inhalation of vapours and contact with skin and eyes should be avoided. Exposure limit values shall not be exceeded. Follow the manufacturer's instructions for cleaning and maintenance of protective equipment. If washing instructions are missing, use detergent and hot water. Keep and wash personnel protective equipment separately from other laundry. Clothing and other absorbent materials that have been significantly contaminated should be disposed of and not re-used. Take off protective equipment directly upon completion of the handling of the product. Wash the outside of the gloves before they are taken off. Personnel must leave all protective equipment and any other materials contaminated by the product at the treatment facility.

Respiratory Protection

Use a respiratory mask with filter protective against organic vapour if the ventilation is insufficient.

Eye Protection

Wear tightly sealed safety glasses. Use face shield if there is a risk of splash.

Skin and body protection

Wear protective work clothing.

Hand Protection

Wear chemical resistant gloves. Replace gloves as soon as signs of degradation appear.

Hygiene measures

Contaminated clothes should be placed in closed containers prior to disposal. Inform the laundry or cleaning staff about the product's hazardous properties. Wash the skin after each shift, before meals, smoking and using the toilet. Do not eat, drink, or smoke during handling.

The authorisation holder must specify appropriate personal protective equipment, type and materials, in the safety data sheet.

Additional measures for superficial application outdoors

1. Hand and face wash possibilities in the field.
2. Application should take place on a temporary bounded impervious surface (for example using a plastic membrane or a pre-formed plastic tray).
3. Any losses or contaminated material must be collected for disposal.

When handling the treated wood

To prevent direct losses to soil or water; freshly treated timber must be stored after treatment under shelter and/or on impermeable hard standing; alternatively on an absorbent material such as bark. Any losses or contaminated material must be collected for reuse or disposal.

1. Strict adherence to established working instructions.
 2. Increased use of aerial access platforms if possible.
 3. Hand and face wash possibilities in the field.
 4. Use of light chemical resistant coveralls and chemical resistant gloves.
 5. Use of dry poles and sleepers. Return wet poles and sleepers to the impregnation plants.
 6. At construction sites; store treated wood before installation in a way that leaching to soil and water is prevented, for example on an adsorbent material such as bark. Any losses or contaminated material must be collected for reuse or disposal.
- Dispose treated wood waste, including offcuts, as hazardous waste according to legal requirements.

5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

Contact may cause skin burn, irritation and dry skin.

First aid: May be needed after occupational exposure, inhalation or ingestion. Personal protection for the First Aider: Instantly remove any clothing soiled by the product.

After inhalation: Supply fresh air; consult doctor in case of symptoms.

After skin contact: Clean affected area with soap and plenty of water. Seek medical treatment if symptoms persist or appear.

After eye contact: Rinse opened eye for several minutes under running water. Then consult doctor.

After swallowing: Rinse out mouth and then drink plenty of water. Seek medical treatment.

UK medical professionals should contact the National Poisons Information Service (<http://www.npis.org/>) for further advice

Environmental precautions: Inform respective authorities in case product reaches water or sewage system.

Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, saw dust).

Dispose of contaminated materials according to waste disposal regulations.

5.4. Instructions for safe disposal of the product and its packaging

Dispose of contents and container to an approved waste facility.

5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

Store in tightly closed original packaging in a dry and well-ventilated place.

Protect against physical damage and/or wear.

Must not be stored near heat sources or exposed to high temperatures.

Keep separate from oxidizing agents and sources of ignition.

Protect against electrostatic discharge.

Shelf life - 10 years when stored at ambient temperatures.

6. Other information

WEI B, GB

WEI C, GB

Tn Oil, GB

CPL Creosote, GB

Dark Creosote, GB

Carbolineum Creosote, GB

Coal Tar Creosote, GB

The Original 100% Coal Tar Creosote, GB

Barrettine Creosote, GB

Langlow Creosote, GB

Evode Creosote, GB
Bird Brand Traditional Creosote-Dark Brown, GB
Carbo Creosote, GB
Bartoline Creosote, GB
Witham Creosote, GB
Creosote BPF Koppers

Information about hazard statements and precautionary statements, section 3 in SPC.

Note 1: It is not possible to choose the correct phrase for H360(Fd). The correct phrase for H360(Fd) should be: "May damage fertility. Suspected of damaging the unborn child".

Note 2: It is not possible to choose the correct phrase for P501. The correct phrase for P501 should be: "Dispose of contents and container to an approved waste facility".

7. Third information level: individual products in the meta SPC

7.1 Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)

WE B

Authorisation number

UK-0017949-0001 1-1

(R4BP 3 asset reference number - National Authorisation)

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Creosote	Creosote Grade B or Grade C creosote as specified in European Standard EN 13991:2003	Active Substance	8001-58-9	232-287-5	100

Trade name(s)

WEI C

TN Oil

Authorisation number

(R4BP 3 asset reference number - National
Authorisation)

UK-0017949-0002 1-1

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Creosote	Creosote Grade B or Grade C creosote as specified in European Standard EN 13991:2003	Active Substance	8001-58-9	232-287-5	100
