EN

ANNEX

SUMMARY OF PRODUCT CHARACTERISTICS FOR A BIOCIDAL PRODUCT FAMILY

Creosote BPF Koppers

Product type(s)

PT08: Wood preservatives

Authorisation number IE/BPA 70412

R4BP asset number IE-0014784-0000

Part I.
FIRST INFORMATION LEVEL

1. ADMINISTRATIVE INFORMATION

1.1. Family name

Name	Creosote BPF Koppers

1.2. Product type(s)

Product type(s)	PT08: Wood 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		IE/BPA 70412
R4BP asset number		IE-0014784-0000
Date of the authorisation		22/04/2016
Expiry date of the authorisation		31/12/2024

1.4. Manufacturer(s) of the product

Name of manufacturer	Koppers Denmark ApS
Address of manufacturer	Avernakke 5800 Nyborg Denmark
Location of manufacturing sites	Avernakke 5800 Nyborg Denmark

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

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

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 % (w/w)

2.2. Type(s) of formulation

Formulation type(s)	AL Any other liquid

Part II.
SECOND INFORMATION LEVEL - META SPC(S)

1. META SPC 1 ADMINISTRATIVE INFORMATION

1.1. Meta SPC 1 identifier

Identifier	Meta SPC: meta SPC

1.2. Suffix to the authorisation number

Number	1-1

1.3. Product type(s)

Product type(s)	PT08: Wood preservatives

2. META SPC 1 COMPOSITION

2.1. Qualitative and quantitative information on the composition of the meta SPC 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 - 100 % (w/w)

2.2. Type(s) of formulation of the meta SPC 1

Formulation type(s)	AL Any other liquid

3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 1

Hazard statements	H315: Causes skin irritation. H317: May cause an allergic skin reaction. H319: Causes serious eye irritation. H350: May cause cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>. H360: May damage fertility or the unborn child See note 1 under Other information.. {1:state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard:}. H410: Very toxic to aquatic life with long lasting effects.
Precautionary statements	P201: Obtain special instructions before use. P202: Do not handle until all safety precautions have been read and understood. P262: Do not get in eyes, on skin, or on clothing. P272: Contaminated work clothing should not be allowed out of the workplace. P308+P313: IF exposed or concerned: Get medical advice. P404: Store in a closed container. P501: Dispose of contents to See note 2 under Other information...

4. AUTHORISED USE(S) OF THE META SPC

4.1. Use description 1

Table 1. UC 3 - pressure impregnation

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Preventive treatment of wood to be used as: • railway sleepers Use class (UC) 3 according to EN Standard 335.
Target organism(s) (including development stage)	Scientific name: Basidiomycetes (including Lentinus lepideus) Common name: wood rotting basidiomycetes Development stage: -
Field(s) of use	indoor use For impregnation in industrial plants.
Application method(s)	Method: closed system: pressure process Detailed description: Batch-wise vacuum-pressure impregnation in a closed system in industrial installations. Temperature: 80-120°C. Water may be used only as coolant. Residual creosote after one treatment cycle is confined in a tank and re-used for the next cycle.
Application rate(s) and frequency	Application Rate: Softwood: 70 - 185 kg/m3 (penetration class; see below). Hardwood: 160 - 185 kg/m3 (penetration class; see below). Dilution (%): 0 Number and timing of application: 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 ; trained professional ; professional
Pack sizes and packaging material	Rail Wagon, Steel , up to 60 ton Rail Container, Steel , up to 30 ton Ship, Steel , up to 700 ton Truck, Steel , up to 30 ton IBC (intermediate bulk container), Plastic: composite: , up to 1000 liter IBC (intermediate bulk container), Steel , up to 1000 liter Drum, Steel , up to 250 liter The package must contain at least 200 litres.

4.1.1. Use-specific instructions for use

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4.1.2. Use-specific risk mitigation measures

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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

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

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

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4.2. Use description 2

Table 2. UC 4 - pressure impregnation

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Preventive treatment of wood to be used as: • Wood poles for overhead electricity and telecommunication Use class (UC) 4 according to EN Standard 335.
Target organism(s) (including development stage)	Scientific name: Basidiomycetes (including Lentinus lepideus) Common name: wood rotting basidiomycetes Development stage: - Scientific name: - Common name: soft rot fungi Development stage: -
Field(s) of use	indoor use For impregnation in industrial plants.
Application method(s)	Method: closed system: pressure process Detailed description: Batch-wise vacuum-pressure impregnation in a closed system in inustrial installations. Temperature: 80-120°C. Water may be used only as coolant. Residual creosote after one treatment cycle is confined in a tank and re-used for the next cycle.
Application rate(s) and frequency	Application Rate: Softwood: 100 - 195 kg/m3 (penetration class; see below). Hardwood: 160 - 210 kg/m3 (penetration class; see below). Dilution (%): 0 Number and timing of application: One cycle per batch. Penetration class (European Standard EN 351): Softwood: NP 4 - 5 Hardwood: NP 3 - 5 Penetration class: depends on durability requirement.
Category(ies) of users	industrial ; trained professional ; professional
Pack sizes and packaging material	Rail Wagon, Steel , up to 60 ton Rail Container, Steel , up to 30 ton Ship, Steel , up to 700 ton

	Truck, Steel , up to 30 ton IBC (intermediate bulk container), Plastic: composite: , up to 1000 liter IBC (intermediate bulk container), Steel , up to 1000 liter Drum, Steel , up to 250 liter The package must contain at least 200 litres.

4.2.1. Use-specific instructions for use

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4.2.2. Use-specific risk mitigation measures

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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

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

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

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4.3. Use description 3

Table 3. Surface treatment (UC 3 and UC 4)

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Preventive treatment of whole wood to be used for following wood applications: • Railway sleepers • Wood poles for overhead electricity and telecommunication. Protection of wood corresponding to UC 3 and UC 4.
Target organism(s) (including development stage)	Scientific name: - Common name: wood rotting fungi Development stage: -
Field(s) of use	indoor use Treatment of creosote impregnated wood (UC 3 and UC 4) after modifications such as sawing, cutting, shaping and machining. Preventive treatment.
Application method(s)	Method: open system: brush treatment Detailed description: -
Application rate(s) and frequency	Application Rate: 1 litre/5 m2 Dilution (%): 0 Number and timing of application: Single application.
Category(ies) of users	industrial ; trained professional ; professional
Pack sizes and packaging material	Rail Wagon, Steel , up to 60 ton

	Rail Container, Steel , up to 30 ton Ship, Steel , up to 700 ton Truck, Steel , up to 30 ton IBC (intermediate bulk container), Plastic: composite: , up to 1000 liter IBC (intermediate bulk container), Steel , up to 1000 liter Drum, Steel , up to 250 liter Can /Tin, Steel/Tin , > 20 liter The package must contain at least 200 litres.

4.3.1. Use-specific instructions for use

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.
See also General directions for use.

4.3.2. Use-specific risk mitigation measures

Application performed outdoors should take place on a temporary bounded impervious surface (for example using a plastic membrane or a pre-formed plastic tray).
See also General 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 general directions for use.

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

See general 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 general directions for use.

4.4. Use description 4

Table 4. UC 3 - Whole wood - Pressure impregnation

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Preventive treatment of whole wood to be used for following wood applications: • railway sleepers Protection of wood corresponding to UC 3.
Target organism(s) (including development stage)	Scientific name: Basidiomycetes (including Lentinus lepideus) Common name: wood rotting basidiomycetes Development stage: -
Field(s) of use	indoor use For impregnation in industrial plants.
Application method(s)	Method: closed system: pressure process Detailed description: Batch-wise vacuum-pressure impregnation in a closed system in industrial installations. Temperature:

	80-120°C. Water may be used only as coolant. Residual creosote after one treatment cycle is confined in a tank and re-used for the next cycle.
Application rate(s) and frequency	Application Rate: Softwood: 50 - 120 kg/m3, Hardwood: 20 - 180 kg/m3 Dilution (%): 0 Number and timing of application: One cycle per batch.
Category(ies) of users	industrial ; trained professional ; professional
Pack sizes and packaging material	Rail Wagon, Steel , up to 60 ton Rail Container, Steel , up to 30 ton Ship, Steel , up to 700 ton Truck, Steel , up to 30 ton IBC (intermediate bulk container), Plastic: composite: , up to 1000 liter IBC (intermediate bulk container), Steel , up to 1000 liter Drum, Steel , up to 250 liter The package must contain at least 200 litres.

4.4.1. Use-specific instructions for use

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4.4.2. Use-specific risk mitigation measures

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

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

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

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4.5. Use description 5

Table 5. UC 4 - Whole wood - Pressure impregnation

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	Preventive treatment of whole wood to be used for following wood applications: • Wood poles for overhead electricity and telecommunication Protection of wood corresponding to UC 4.
Target organism(s) (including development stage)	Scientific name: Basidiomycetes (including Lentinus lepideus) Common name: wood rotting basidiomycetes Development stage: - Scientific name: -

	Common name: soft rot fungi Development stage: -
Field(s) of use	indoor use For impregnation in industrial plants.
Application method(s)	Method: closed system Detailed description: Batch-wise vacuum-pressure impregnation in a closed system in industrial installations. Temperature: 80-120°C. Water may be used only as coolant. Residual creosote after one treatment cycle is confined in a tank and re-used for the next cycle.
Application rate(s) and frequency	Application Rate: Softwood: 76 -137 kg/m3, Hardwood: 39 -139 kg/m3 Dilution (%): 0 Number and timing of application: One cycle per batch.
Category(ies) of users	industrial ; trained professional ; professional
Pack sizes and packaging material	Rail Wagon, Steel , up to 60 ton Rail Container, Steel , up to 30 ton Ship, Steel , up to 700 ton Truck, Steel , up to 30 ton IBC (intermediate bulk container), Plastic: composite: , up to 1000 liter IBC (intermediate bulk container), Steel , up to 1000 liter Drum, Steel , up to 250 liter The package must contain at least 200 litres.

4.5.1. Use-specific instructions for use

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4.5.2. Use-specific risk mitigation measures

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

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

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

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5. GENERAL DIRECTIONS FOR USE OF THE META SPC 1

5.1. Instructions for use

Creosote BPF Koppers
For professional use only.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.

5.2. Risk mitigation measures

Creosote BPF Koppers
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 of. 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
Industrial application shall be conducted within a contained area or on impermeable hard standing with bunding; freshly treated timber shall be stored after treatment under shelter or on impermeable hard standing, or both, to prevent direct losses to soil, sewer or water; any losses from the application of the product shall be collected for reuse or disposal.
The treated article label must include the statement: ‘During storage, treated wood shall not be accessible to the general public. Measures shall be taken to prevent unauthorised access. Treated wood must be stored on impermeable hard standing or on absorptive material to prevent runoff to the environment, and under shelter or covered with a tarpaulin. Any spill or contaminated material must be collected on such sites and disposed as hazardous waste.’.
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.
7. Dispose treated wood waste, including off cuts, as hazardous waste according to legal requirements.
From 30 April 2023, the treated article shall contain on the label the statement: ‘The placing on the market is restricted to certain Member States of the European Union: verify on the website of the European Chemicals Agency where the placing on the market is allowed.’ As well as ‘The placing on the market is restricted to certain Member States of the European Union: verify on the website of the European Chemicals Agency where the placing on the market is allowed.’.

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

Creosote BPF Koppers

Most important symptoms and effects,both acute and delayed: Contact may cause skin burn, irritation and dry skin.

General information:

First aid: May be needed after occupational exposure, inhalation or ingestion. In case of doubt, call a POISON CENTER.

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.

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 materialsaccording to waste disposal regulations

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

Creosote BPF Koppers

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

Creosote BPF Koppers

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. Be kept separate from oxidizing agents and sources of ignition.Protect against electrostatic discharge.

Used within 10 years from the date of manufacture.

6. OTHER INFORMATION

WEI B, IE
WEI C, IE
Tn Oil, IE
Dark Creosote, IE
Creosote Oil -C- 100%, IE
Creosote Oil 100%, IE
Information about hazard statements and precautionary statements, section 3 in SPC.
Note 1: It is not possible to choosethe 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.
National Poison Centre information and reporting of incidents:
Poison Information: For information or to report a poisoning incident contact The National Poisons Information Centre, Beaumont Hospital, Dublin (01-8092166), retain the label for reference.
Use Biocides Safely and Sustainably
It is illegal to use this product for uses or in a manner other than that prescribed on this label.

7. THIRD INFORMATION LEVEL: INDIVIDUAL PRODUCTS IN THE META SPC 1

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

Trade name(s)	WEI B	Market area: IE
	WEI C	Market area: IE
	TN Oil	Market area: IE
	Dark Creosote	Market area: IE
	Creosote Oil 100%	Market area: IE
	Creosote Oil -C- 100%	Market area: IE
Authorisation number	IE-0014784-0001 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