



UNITED KINGDOM

# Health & Safety Data Sheet for: Coljoint & Jointfill Range

Data Sheet No: 06

Revision: 24/05/17

Replaces: 16/02/15

## SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

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

#### 1.1. Product identifier

Product name : COLJOINT - JOINTFILL

Products : Coljoint N1, Coljoint N2, Jointfill A2, Jointfill C, Jointfill F, Jointfill N1, Jointfill N2, Jointfill Tropical, Jointfill Tropical P.

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

Sealing of horizontal joints and cracks in bituminous and concrete surfaces.

#### 1.3. Details of the supplier of the safety data sheet

Registered company name : COLAS LIMITED

Address : Wallage Lane, Rowfant, Crawley, West Sussex RH10 4NF UK

Telephone : + 44 1342711000 Fax : + 44 1342 711199

info@colas.co.uk

http://www.colas.co.uk

#### 1.4. Emergency telephone number : + 44 1342718346

Association/Organisation :

### SECTION 2 : HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

##### In compliance with EC regulation No. 1272/2008 and its amendments.

May produce an allergic reaction (EUH208).

Hazardous to the aquatic environment - Chronic hazard, Category 3 (Aquatic Chronic 3, H412).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

#### 2.2. Label elements

##### In compliance with EC regulation No. 1272/2008 and its amendments.

Additional labeling :

EUH208 Contains TALL OIL, REACTION PRODUCTS WITH N-(2-AMINOETHYL)PIPERAZINE. May produce an allergic reaction.

Hazard statements :

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements - Disposal :

P501 Dispose of contents/container to a collection centre for hazardous or special waste.

#### 2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >= 0.1% published by the European CHemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture satisfies neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

Contact with hot material may cause thermal burns.

### SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

##### Composition :

Bitumen, polymer, aggregate, fillers, crumb rubber and additives

Identification	(EC) 1272/2008	Note	%
CAS: 64742-52-5 EC: 265-155-0 REACH: 01-2119467170-45-0002		L	10 <= x % < 25
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC			

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Q 06036 CBR 613134 EHS 67762 OHS 500675

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National Sales Office, Products Division  
Loushers Lane, Wilderspool, Warrington,  
Cheshire WA4 6RZ Tel: 01925 632616

CAS: 92062-17-4 EC: 295-532-5 REACH: 01-2119491298-25  TALL OIL, REACTION PRODUCTS WITH N-(2-AMINOETHYL)PIPERAZINE	GHS07, GHS05, GHS09 Dgr Acute Tox. 4, H302 Skin Corr. 1A, H314 Skin Sens. 1, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		0 <= x % < 1
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**Information on ingredients :**

Note L: The carcinogen classification does not apply because the substance contains less than 3 % w/w of dimethyl sulphoxide (DMSO) measured using the IP 346 method.

**SECTION 4 : FIRST AID MEASURES**

As a general rule, in case of doubt or if symptoms persist, always call a doctor.  
NEVER induce swallowing by an unconscious person.

**4.1. Description of first aid measures****In the event of exposure by inhalation :**

In the event of an allergic reaction, seek medical attention.  
In case of massive inhalation, bring the person to fresh air.  
If the problem persists, see a doctor.

**In the event of splashes or contact with eyes :**

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.  
Wash immediately in copious amounts of water, keeping eyelids apart for at least 15 minutes and consult a specialist.

**In the event of splashes or contact with skin :**

In the event of an allergic reaction, seek medical attention.  
If molten material comes into contact with the skin, immerse immediately in cold running water for 10 minutes. Do NOT attempt to remove material from skin. Obtain medical attention.  
Seek medical advice.

**In the event of swallowing :**

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.  
Keep the person exposed at rest. Do not force vomiting.  
Seek medical attention, showing the label.  
If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.  
Ensure that the airway is not obstructed and obtain medical advice.

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

No data available.

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

No data available.

**SECTION 5 : FIREFIGHTING MEASURES****5.1. Extinguishing media****Suitable methods of extinction**

In the event of a fire, use :

- foam
- carbon dioxide (CO2)
- powder
- dry sand

**Unsuitable methods of extinction**

In the event of a fire, do not use :

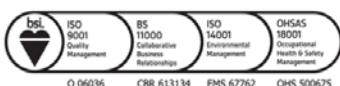
- water jet

**5.2. Special hazards arising from the substance or mixture**

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.  
Do not breathe in smoke.  
In the event of a fire, the following may be formed :

- carbon monoxide (CO)

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- carbon dioxide (CO<sub>2</sub>)

### **5.3. Advice for firefighters**

No data available.

## **SECTION 6 : ACCIDENTAL RELEASE MEASURES**

### **6.1. Personal precautions, protective equipment and emergency procedures**

Consult the safety measures listed under headings 7 and 8.

#### **For first aid worker**

First aid workers will be equipped with suitable personal protective equipment (See section 8).

### **6.2. Environmental precautions**

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

### **6.3. Methods and material for containment and cleaning up**

Shut of leak if without risk. Contain leaking liquid with sand, earth or other suitable material. Allow material to set solid.

- recovery : contain the spread of the product, allow to solidify and recover; spread sand on concerned surfaces if necessary

- elimination : recover all wastes and dispose in compliance with current regulations.

### **6.4. Reference to other sections**

No data available.

## **SECTION 7 : HANDLING AND STORAGE**

Requirements relating to storage premises apply to all facilities where the mixture is handled.

### **7.1. Precautions for safe handling**

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Mechanical ventilation and exhaust ventilation

Do NOT exceed maximum recommended temperature (200°C).

#### **Fire prevention :**

Handle in well-ventilated areas.

Prevent access by unauthorised personnel.

#### **Recommended equipment and procedures :**

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Packages which have been opened must be reclosed carefully and stored in an upright position.

#### **Prohibited equipment and procedures :**

No smoking, eating or drinking in areas where the mixture is used.

### **7.2. Conditions for safe storage, including any incompatibilities**

Store at temperatures below 50°C, to avoid deformation and under cover to avoid water contamination.

Keep the container away from dampness

#### **Storage**

Keep the container tightly closed in a dry, well-ventilated place.

#### **Packaging**

Always keep in packaging made of an identical material to the original.

### **7.3. Specific end use(s)**

No data available.

## **SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION**

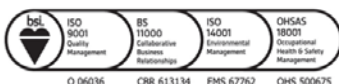
### **8.1. Control parameters**

No data available.

### **8.2. Exposure controls**

#### **Personal protection measures, such as personal protective equipment**

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Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

#### **- Eye / face protection**

Avoid contact with eyes.

Before handling powders or dust emission, wear mask goggles in accordance with standard EN166.

Safety helmet with face screen and neck protection in case of risk of splashing.

#### **- Hand protection**

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- PVA (Polyvinyl alcohol)

Recommended properties :

- Impervious gloves in accordance with standard EN374

Gloves anti-heat for the liquefied product (EN 407, level 2).

#### **- Body protection**

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

If necessary. Boots. hydrocarbon-proof clothing.

#### **- Respiratory protection**

Insulated breathing apparatus must be worn if ventilation is not sufficient.

## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

### **9.1. Information on basic physical and chemical properties**

#### **General information :**

Physical state : Paste.

#### **Important health, safety and environmental information**

pH :	Not relevant.
Boiling point/boiling range :	Not relevant.
Flash point interval :	Not relevant.
Vapour pressure (50°C) :	Not relevant.
Density :	> 1
Water solubility :	Insoluble.
Melting point/melting range :	Not relevant.
Self-ignition temperature :	Not relevant.
Decomposition point/decomposition range :	Not relevant.

### **9.2. Other information**

This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

Aspect :

- odour : neutral

- physical state : solid at 20°C

viscous liquid at elevated temperatures

- colour : dark

Density at 15°C 1.0g/ml (approx)

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**SECTION 10 : STABILITY AND REACTIVITY****10.1. Reactivity**

No data available.

**10.2. Chemical stability**

This mixture is stable under the recommended handling and storage conditions in section 7.

**10.3. Possibility of hazardous reactions**

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

**10.4. Conditions to avoid**

Contamination with water. Overheating.

**10.5. Incompatible materials**

Keep away from :  
Solvents

**10.6. Hazardous decomposition products**

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)
- hydrogen sulphide (H<sub>2</sub>S)

**SECTION 11 : TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects**

Exposure to vapours from solvents in the mixture in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.

Symptoms produced will include headaches, numbness, dizziness, fatigue, muscular asthenia and, in extreme cases, loss of consciousness.

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

Splashes in the eyes may cause irritation and reversible damage

**11.1.1. Substances**

No toxicological data available for the substances.

**11.1.2. Mixture****Respiratory or skin sensitisation :**

Contains at least one sensitising substance. May cause an allergic reaction.

Small quantities of hydrogen sulphide (H<sub>2</sub>S) can be liberated on heating which might exceed exposure limits. For this reason boiler and tank vapour spaces should be regarded as hazardous.

**SECTION 12 : ECOLOGICAL INFORMATION**

Harmful to aquatic life with long lasting effects.

The product must not be allowed to run into drains or waterways.

**12.1. Toxicity****12.1.2. Mixtures**

No aquatic toxicity data available for the mixture.

**12.2. Persistence and degradability**

No data available.

**12.3. Bioaccumulative potential**

No data available.

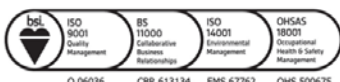
**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

No data available.

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**12.6. Other adverse effects**

No data available.

**SECTION 13 : DISPOSAL CONSIDERATIONS**

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

**13.1. Waste treatment methods**

Do not pour into drains or waterways.

**Waste :**

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

**Soiled packaging :**

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

**SECTION 14 : TRANSPORT INFORMATION**

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2015 - IMDG 2014 - ICAO/IATA 2016).

Not classified as hazardous for carriage unless heated above 100°C when the following information applies:

**14.1. UN number**

3257

**14.2. UN proper shipping name**

UN3257=ELEVATED TEMPERATURE LIQUID, N.O.S., at or above 100 °C and below its flash- point (including molten metals, molten salts, etc.), filled at or below 190 °C

(tall oil, reaction products with n-(2-aminoethyl)piperazine)

**14.3. Transport hazard class(es)**

- Classification :



9

**14.4. Packing group**

III

**14.5. Environmental hazards**

-

**14.6. Special precautions for user**

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	9	M9	III	9	99	0	274 643	E0	3	D

IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ
	9	-	III	0	F-A,S-P	232 274	E0

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ
	9	-	-	Forbidden	Forbidden	Forbidden	Forbidden	-	E0
	9	-	-	-	-	-	-	-	E0

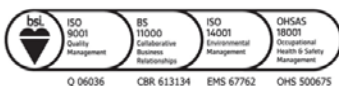
For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

No data available.

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**SECTION 15 : REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****- Classification and labelling information included in section 2:**

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2016/1179. (ATP 9)

**- Container information:**

No data available.

**- Particular provisions :**

No data available.

**15.2. Chemical safety assessment**

A Chemical Safety Assessment is not required for this preparation.

**SECTION 16 : OTHER INFORMATION**

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

**Wording of the phrases mentioned in section 3 :**

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

**Abbreviations :**

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.

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