



## Material Safety Data Sheet according to 91/155/EC

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### **1. Identification of the substance/preparation and of the company/undertaking**

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Product name : **FOSTER 90-10**

Intended use: Aqueous vapour-barrier, also used for insulating materials' protection.

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### **2. Composition/Informations on ingredients**

Substances presenting a health hazard within the meaning of the Dangerous Substances Directive 67/548/CEE.

Name	No. Cas	Sentences R (*)	Symbol	Concentr. °C
Alcool éthylique	64-17-5	11	F	0%<C<2.5%
Colophane	8050-09-7	43	Xi	0%<C<2.5%

(\*) See full text of sentences under chapter 16.

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### **3. Hazards identification of the preparation**

Classification by Directive 99/45/CE

Symbol (s) : Xi  
Sentences : R43

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### **4. First-aid measures**

General:

In all cases of doubt or if symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation:

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth. If unconscious, place in recovery position and seek medical advice.

Eye contact:

Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.

Skin contact:

Remove contaminated clothing. Wash skin thoroughly with soap and water, or use recognised skin cleanser. Do not use solvents or thinners.

Ingestion:

If accidentally swallowed, obtain immediate medical attention. Keep at rest. Do not induce vomiting.

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**5. Fire-fighting measures**

Extinguishing media recommended - Alcohol resistant Foam, CO2 blanket, dry powder.  
Do not be used: Water spray.

Recommendations: After water's evaporation, fire will produce dense black smoke. Exposure to decomposition products, may cause a health hazard. Appropriate breathing apparatus may be required.

Cool closed containers exposed to fire with water. Do not allow run-off from fire fighting to enter drains or water courses.

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**6. Accidental release measures**

Exclude sources of ignition and ventilate the area. Avoid breathing vapours. Refer to protective measures listed in Sections 7 & 8. Contain and control the leaks or spills with non-combustible absorbent material such as earth, sand, vermiculite diatom earth in drums for waste disposal according to local regulations (see Section 13). Prevent any material from entering drains or waterways.

Preferably clean with detergent; avoid use of solvents.

If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

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## **7. Handling and storage**

### Handling

Precautions should be taken to prevent the formation of dust in concentrations above flammable, explosive or occupational exposure limits.

Avoid eye or skin contact.

Never open the containers by pressure and always keep in containers of same material as the original one.

For personal protection see Section 8.

Comply with the health and safety at work laws.

### Storage

Observe label precautions.

Store between +5°C and +35°C in a dry, well ventilated place.

Keep away from oxydant agent and highly acid or basic material.

No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to.

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## **8. Exposure control – Personal protection**

### Engineering measures

Avoid inhalation of dust. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Occupational exposure limit for:

Name	VLE (1)		VME (2)	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Alcool éthylique	5000	9500	1000	1900
Colophane	not communicated			

(1) VLE: Short term exposure limits (15 min.)

(2) VME: Long term exposure limits (8 hours/day)

### Personal protection

#### *Respiratory protection:*

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

#### *Hand protection:*

For prolonged or repeated contact use rubber gloves. Manufacturer's instructions about use, storage and replacement to be respected.

#### *Eye protection:*

Use safety eyewear against product projections.

*Skin protection:*

Personel should wear protective clothings and all parts of the body should be washed after contact.

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## **9. Physical and chemical properties**

<b>Physical State</b>	Pasty
<b>Flash Point (C.C.)</b>	Not applicable
<b>Specific Gravity</b>	> 1,00
<b>Vapours Density</b>	Heavier than the air
<b>Lower Explosion Limit</b>	Unknown
<b>Solubility in Water</b>	Miscible

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## **10. Stability and reactivity**

Stable under recommended storage and handling conditions (see Section 7). When exposed to high temperatures it may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

Keep away from oxydizing agent and highly acid or alkaline materials to prevent exothermal reactions.

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## **11. Toxicological informations**

There are no data available on the preparation itself.

Prolonged or repeated contact with the preparation may strip the skin of its natural oil and thus cause non-allergic dermatitis on contact and absorption through the epidermis.

Splashes in the eyes may cause irritations and reversible damages.

Contains: Colophane.

May cause allergical reaction.

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## **12. Ecological informations**

According to the Dangerous Preparations Directive (99/45/CE), the preparation is not classified dangerous for the environnement.

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

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## **13. Disposal considerations**

Do not throw into drains or water courses.

Burn in a patented factory. Do not burn closed packaging.

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#### **14. Transport informations**

Transport only in accordance with ADR for road, RID for rail, IMDG for sea.

Because of its viscosity, the product does not require ADR's or IMDG's prescriptions for container < 450 l

					<b>IMDG</b>		
<b>Class</b>	<b>Pack. Group</b>	<b>Danger Code</b>	<b>ADR</b>	<b>ONU</b>	<b>Fire Schedule</b>	<b>Spillage Schedule</b>	<b>Sea Polluant</b>
Not classified							

étiquette:

Transport only in accordance with ICAO / IATA for air transport:

<b>Class</b>	<b>UN</b>
<b>9</b>	<b>3334</b>

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#### **15. Regulatory informations**

In accordance with EEC, the product is labelled as follows:

Contains: Colophane

<b>Classification</b>	<b>Xi</b>	<b>Irritant</b>
R11	Highly flammable.	
R43	May cause sensitization by skin contact.	
S24	Avoid contact with skin.	
S37	Wear suitable gloves.	
S51	Use only in well-ventilated areas.	

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## **16. Other informations**

Full text of R phrases with no. appearing in Section 2.

<b>Phrases</b>	<b>Wording</b>
R11	Highly flammable.
R43	May cause sensitisation by skin contact.

The information of this MSDS is based on the present state of our knowledge and on current EEC and national laws, as the users' working conditions are beyond our knowledge and control.

The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instruction.

It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation.

The information in this MSDS is meant as a description of the safety requirements of our product – it is not to be considered as a guarantee of the products' properties.

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