

**Woolwich Industrial  
Company  
Limited**



St George's, Walsley & Mares  
Somerset BS22 7XS  
Telephone 0044(0)1513472  
Directors: C B Champion, R B Champion  
Registered in England No. 204475

## FACSIMILE

From:	Hugh Champion / Anita	To:	A. ALCO
Fax:	0044 (0)1934 512019	Fax No:	01514862435
Date:	31/3/08	No of Pages:	5
For the Attention Of: KEVIN			

FOSS FIX THINNERS

SAFETY DATA SHEET

AS REQUESTED

Regards

Signed:

Anita

Position:

(\*) See full text of phrases under Section 16.

Symbols: Tx=Very toxic, T=Toxic, C=Corrosive, Xn=Harmful, Xi=Irritant, E=Explosive, O=Oxidising, Fx=Extremely flammable, F=Highly flammable, N=Dangerous for the environment, Mut=Mutagenic, Carc=Carcinogenic, Rep=Toxic for reproduction

### 3. HAZARDS IDENTIFICATION

According to EC Directive 1999/45/EC this product is classified:

Harmful (Xn), Highly flammable (F) and Dangerous for the environment (N).

Harmful by inhalation. Irritating to eyes and skin. Harmful: may cause lung damage if swallowed. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 4. FIRST AID MEASURES

- |              |   |
|--------------|---|
| General      | In all cases of doubt, or when 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  | Remove contact lenses, 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.  |



# Safety Data Sheet

according to Directive 91/155/EEC and its amendments

Product No: 2309  
Issue date: 2002-12-05  
Replaces: 2001-01-10

## 1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Product Name and/or Code

**Foss Thinner/Cleaner 2309**

Company

Casco A/S

Præstemosevej 2-4

3480 Fredensborg

Tel. +45 48 46 52 00

Type of product

Blend of organic solvents

Intended use

Thinner/cleaner for "Foss Fix" contact adhesives

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Substances presenting a health or environmental hazard within the meaning of the Dangerous Substances Directive 67/548/EEC

Names	CAS No	EINECS No	Conc. range	Symbol	R-phrases (*)
Tech. Heptane (naphtha (petroleum) hydrosulfurized light dearomatized)	92045-53-9	295-434-2	25-50%	F, Xn, N	11-38-65-67-51/53
Toluene	108-88-3	203-625-9	25-50%	F, Xn	11-20
Ethyl acetate	141-78-6	205-500-4	10-25%	F, Xi	11-36-66-67

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Product No: 2309

## 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Foam, carbon dioxide, dry chemical or water fog.

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 watercourses.

## 6. ACCIDENTAL RELEASE MEASURES

Exclude sources of ignition and ventilate the area. Avoid breathing vapours. Refer to protective measures listed in section 8. Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Do not allow entering drains or watercourses. Clean preferably with a detergent; avoid use of solvents.

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

## 7. HANDLING AND STORAGE

### Handling

Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard.

Preparation may charge electrostatically: always use earthing leads when transferring from one container to another. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Keep container tightly closed. Isolate from sources of heat, sparks and open flame. No sparking tools should be used.

Avoid skin and eye contact. Avoid the inhalation of dust, particulates and spray mist arising from the application of this preparation. Avoid inhalation of dust from sanding. Smoking, eating and drinking should be prohibited in application area.

For personal protection see Section 8.

Never use pressure to empty: container is not a pressure vessel.

Always keep in containers of same material as the original one.

Comply with the health and safety at work laws.

### Storage

Storage in well-ventilated place away from sources of heat and direct sunlight.

Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.

No smoking. Prevent unauthorised access. Containers, which are opened, must be carefully resealed and kept upright to prevent leakage. Do not empty into drains.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Engineering measures

Local exhaust should be used to maintain levels below the OEL. For spray application or in areas without adequate ventilation, an air-supplied respirator mask should be worn.

### Occupational exposure limits (2001) (8 hour TWA value)

Name	ppm	mg/m <sup>3</sup>	Name	ppm	mg/m <sup>3</sup>
Heptane	400	1600			
Toluene	50	191			
Ethyl acetate	400	1400			

### Personal protection

Respiratory protection: If breathable vapours/aerosols are formed, wear appropriate, certified respirators.

Hand protection: Rubber gloves (butyl or nitrile rubber).

Eye protection: Safety glasses.

General protection and hygiene: The usual precautions for the handling of chemicals must be observed.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

Colour and physical state:	Water-white liquid	Solubility in water:	Insoluble
Density:	0.80 g/cm <sup>3</sup>	Flash point:	Approx. -7°C
Viscosity, 25°C:	Approx. 0.500 mPas	Solvent content:	100%
Vapour pressure (20°C):	Approx. 40 mmHg	Explosion limits (vol%):	0.5-11

**10. STABILITY AND REACTIVITY**

Stable under recommended storage and handling conditions (see section 7). When exposed to high temperatures, decomposition products such as carbon monoxide and dioxide and smoke may be produced.

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

**11. TOXICOLOGICAL INFORMATION**

There are no data available on the preparation itself. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and classified for toxicological hazards accordingly. See sections 2 and 15 for details.

Exposure to component solvents vapours concentration 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 and sign include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

The liquid splashed in the eyes may cause irritation and reversible damage.

**12. ECOLOGICAL INFORMATION**

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is classified as dangerous for the environment. See sections 2 and 15 for details.

Do not allow product to enter soil or surface water.

**13. DISPOSAL CONSIDERATIONS**

Waste must be disposed of in accordance with local environmental control regulations.

Incineration is the preferred method.

EWC waste code: 080409.



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## 14. TRANSPORT INFORMATION

	Class	UN No	PG	MP	EmS	Proper shipping name
ADR/RID	3	1263	II	-	-	Paint Related Material
IMDG	3	1263	II	-	3-05	Paint Related Material
ICAO/IATA	3	1263	II	-	-	Paint Related Material

## 15. REGULATORY INFORMATION

Labelling according to EU Directive 1999/45/EC.



Contains	Tech. Heptane, Toluene and Ethyl acetate
R-phrases	Harmful by inhalation. Irritating to eyes and skin. Harmful: may cause lung damage if swallowed. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S-phrases	Keep away from sources of ignition - No smoking. Do not empty into drains. Take precautionary measures against static discharges. Use only in well-ventilated areas. Avoid release to the environment. Refer to special instructions/Safety data sheet. If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. Keep out of reach of children.
A-phrases	-

## 16. OTHER INFORMATION

Full text of R phrases with number appearing in section 2:

R 11	Highly flammable.
R 20	Harmful by inhalation.
R 36	Irritating to eyes.
R 36	Irritating to skin.
R 51-53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 65	Harmful: may cause lung damage if swallowed.
R 66	Repeated exposure may cause skin dryness or cracking.
R 67	Exposure may cause dizziness and drowsiness.

The present Safety Data Sheet has been altered. The reason for the alteration is as follows:  
Revised text (see sections 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15, 16).

The information of this SDS is based on the present state of our knowledge and on current EU laws. 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 SDS is meant as a description of the safety requirements of our product; it is not to be considered as a guarantee of the properties of the product.