



Specialist materials for civil engineering, infrastructure and construction

## SAFETY DATA SHEET

### SBR FRICTION COAT LIQUID COMPONENT

#### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	SBR FRICTION COAT LIQUID COMPONENT
SUPPLIER	PAREX Ltd Holly Lane Industrial Estate Atherstone Warwickshire CV9 2QZ Tel: +44 (0)1827 711755 (Mon-Fri 8:30-16:30) Fax: +44 (0)1827 711330 sds@parex.co.uk
PRODUCT NO.	TF 26 (SDS 117)
CONTAINER SIZE	2.5kg bottle

#### 2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

##### COMPOSITION COMMENTS

Components are not classified as hazardous under latest EC Directives.

#### 4 FIRST-AID MEASURES

##### GENERAL INFORMATION

General first aid, rest, warmth and fresh air.

##### INHALATION

Rinse nose and mouth with water. DO NOT INDUCE VOMITING!

##### INGESTION

Rinse nose, mouth and throat with water.

##### SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water.

##### EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart.

#### 5 FIRE-FIGHTING MEASURES

##### EXTINGUISHING MEDIA

The product is non-combustible.

##### PROTECTIVE MEASURES IN FIRE

Use protective equipment appropriate for surrounding materials.

#### 6 ACCIDENTAL RELEASE MEASURES

##### PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

##### ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground.

##### SPILL CLEAN UP METHODS

Absorb spillage with suitable absorbent material.

#### 7 HANDLING AND STORAGE

##### USAGE PRECAUTIONS

Read and follow manufacturer's recommendations.

**SBR FRICTION COAT LIQUID COMPONENT**

## USAGE DESCRIPTION

Do not use outside manufacturers specification.

## STORAGE CLASS

Store in cool well ventilated area.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

## PROTECTIVE EQUIPMENT



## RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided.

## HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves.

## EYE PROTECTION

Wear approved safety goggles.

## HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet.

## SKIN PROTECTION

Avoid skin contact

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Light viscous liquid		
COLOUR	White / off-white		
ODOUR	Characteristic		
SOLUBILITY	Emulsible in water.		
BOILING POINT (°C)	100@760mm Hg	RELATIVE DENSITY	1.0 20
VOLATILE BY VOL. (%)	50% water approx.	FLASH POINT (°C)	None

**10 STABILITY AND REACTIVITY**

## STABILITY

Stable under normal temperature conditions and recommended use.

## CONDITIONS TO AVOID

Avoid frost.

## HAZARDOUS DECOMPOSITION PRODUCTS

None at ambient temperatures. During fire, toxic gases (CO, CO<sub>2</sub>) are formed.

**11 TOXICOLOGICAL INFORMATION**

## INHALATION

May cause irritation to the respiratory system.

## INGESTION

May cause discomfort if swallowed.

## SKIN CONTACT

Slightly irritating.

## EYE CONTACT

Irritating to eyes.

**12 ECOLOGICAL INFORMATION**

## ECOTOXICITY

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

## MOBILITY

Mobile.

## BIOACCUMULATION

May accumulate in soil and water systems.

**SBR FRICTION COAT LIQUID COMPONENT****DEGRADABILITY**

The product is expected to be slowly biodegradable.

**ACUTE FISH TOXICITY**

Negligible ecotoxicity

**13 DISPOSAL CONSIDERATIONS****DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements.

**14 TRANSPORT INFORMATION****GENERAL**

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**15 REGULATORY INFORMATION****RISK PHRASES**

NC Not classified.

**SAFETY PHRASES**

NC Not classified.

**UK REGULATORY REFERENCES**

Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations 1988. Chemicals (Hazard Information & Packaging) Regulations.

**ENVIRONMENTAL LISTING**

Rivers (Prevention of Pollution) Act 1961.

**EU DIRECTIVES**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

**STATUTORY INSTRUMENTS**

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

**APPROVED CODE OF PRACTICE**

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

**GUIDANCE NOTES**

CHIP for everyone HSG(108).

**16 OTHER INFORMATION**

REVISION DATE 31/01/2011

REV. NO./REPL. SDS GENERATED 6

SDS NO. 117

**DISCLAIMER**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

## SAFETY DATA SHEET

### SBR FRICTION COAT POWDER COMPONENT

#### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME SBR FRICTION COAT POWDER COMPONENT

SUPPLIER PAREX Ltd  
Holly Lane Industrial Estate  
Atherstone  
Warwickshire  
CV9 2QZ  
Tel: +44 (0)1827 711755  
(Mon-Fri 8:30-16:30)  
Fax: +44 (0)1827 711330  
sds@parex.co.uk

PRODUCT NO. TF26 (SDS 116)

CONTAINER SIZE 27.5kg Box

#### 2 HAZARDS IDENTIFICATION

Risk of serious damage to eyes. Irritating to respiratory system and skin.

CLASSIFICATION (1999/45) Xi;R37/38, R41.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
CALUMITE		65996-69-2	60-100%	Xi;R36/37/38.
PORTLAND CEMENT	266-043-4	65997-15-1	10-30%	Xi;R38,R41.

The Full Text for all R-Phrases are Displayed in Section 16

#### 4 FIRST-AID MEASURES

##### INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

##### INGESTION

Immediately rinse mouth and provide fresh air. Get medical attention if any discomfort continues.

##### SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

##### EYE CONTACT

Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

#### 5 FIRE-FIGHTING MEASURES

##### EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

##### SPECIAL FIRE FIGHTING PROCEDURES

N/A.

##### UNUSUAL FIRE & EXPLOSION HAZARDS

N/A.

##### SPECIFIC HAZARDS

N/A.

##### PROTECTIVE MEASURES IN FIRE

N/A

#### 6 ACCIDENTAL RELEASE MEASURES

## SBR FRICTION COAT POWDER COMPONENT

**PERSONAL PRECAUTIONS**

Wear protective clothing as described in Section 8 of this safety data sheet.

**ENVIRONMENTAL PRECAUTIONS**

Do not discharge into drains, water courses or onto the ground.

**SPILL CLEAN UP METHODS**

Avoid generation and spreading of dust. Shovel into dry containers. Cover and move the containers. Flush the area with water.

**7 HANDLING AND STORAGE**

**USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact.

**USAGE DESCRIPTION**

Do not use outside manufacturers specification.

**STORAGE PRECAUTIONS**

Store in tightly closed original container in a dry and cool place. Keep in original container.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
PORTLAND CEMENT	WEL		4 mg/m3			

WEL = Workplace Exposure Limit.

**INGREDIENT COMMENTS**

WEL = Workplace Exposure Limits

**PROTECTIVE EQUIPMENT**



**ENGINEERING MEASURES**

Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of dust.

**RESPIRATORY EQUIPMENT**

In case of inadequate ventilation use suitable respirator.

**HAND PROTECTION**

Wear protective gloves.

**EYE PROTECTION**

wear suitable safety glasses to EN166

**OTHER PROTECTION**

Wear appropriate clothing to prevent any possibility of skin contact.

**HYGIENE MEASURES**

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Granules, Powder
COLOUR	White / off-white
ODOUR	Odourless
pH-VALUE, CONC. SOLUTION	Approximately 12 to 13 in Aqueous Mix

**10 STABILITY AND REACTIVITY**

**STABILITY**

Stable under normal temperature conditions.

**CONDITIONS TO AVOID**

Minimise contact with air to avoid degradation.

**HAZARDOUS POLYMERISATION**

Not relevant.

**SBR FRICTION COAT POWDER COMPONENT**

## POLYMERISATION DESCRIPTION

Not relevant

**11 TOXICOLOGICAL INFORMATION**

## INHALATION

Irritating to respiratory system.

## INGESTION

May cause discomfort if swallowed.

## SKIN CONTACT

Irritating to skin.

## EYE CONTACT

Risk of serious damage to eyes.

**12 ECOLOGICAL INFORMATION**

## ECOTOXICITY

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

## MOBILITY

Mobile.

## BIOACCUMULATION

May accumulate in soil and water systems.

## DEGRADABILITY

This product mainly consists of inorganic compounds which are not biodegradable. The remaining compounds of the product are expected to be easily biodegradable.

## ACUTE FISH TOXICITY

Negligible ecotoxicity

**13 DISPOSAL CONSIDERATIONS**

## DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

**14 TRANSPORT INFORMATION**

	No transport warning sign required.
ROAD TRANSPORT NOTES	Not Classified
RAIL TRANSPORT NOTES	Not classified.
SEA TRANSPORT NOTES	Not classified.
AIR TRANSPORT NOTES	Not classified.

**15 REGULATORY INFORMATION**

## LABELLING



Irritant

## RISK PHRASES

R37/38	Irritating to respiratory system and skin.
R41	Risk of serious damage to eyes.

## SAFETY PHRASES

S24/25	Avoid contact with skin and eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37/39	Wear suitable gloves and eye/face protection.
S51	Use only in well-ventilated areas.
S60	This material and its container must be disposed of as hazardous waste.

## UK REGULATORY REFERENCES

The Control of Substances Hazardous to Health Regulations 1988.

**SBR FRICTION COAT POWDER COMPONENT**

## EU DIRECTIVES

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

## STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

## APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

## GUIDANCE NOTES

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

**16 OTHER INFORMATION**

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SDS NO. 116

## RISK PHRASES IN FULL

R36/37/38 Irritating to eyes, respiratory system and skin.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

## DISCLAIMER

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