

SAFETY DATA SHEET

HIGHWAY FAST PATCH LIQUID COMPONENT

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

PRODUCT NAME	HIGHWAY FAST PATCH 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.	DH 08 (SDS 323)

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.

HIGHWAY FAST PATCH 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**

Wear suitable respiratory protection.

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
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, CO₂) are formed.

11 TOXICOLOGICAL INFORMATION**INHALATION**

May cause irritation to the respiratory system.

INGESTION

Irritating. May cause nausea, stomach pain and vomiting.

SKIN CONTACT

Product has a defatting effect on skin. Repeated exposure may cause skin dryness or cracking.

EYE CONTACT

Keep eyes open. Remove contact lenses. Bathe eyes with running water for 15 minutes. Consult a doctor

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.

BIOACCUMULATION

May accumulate in soil and water systems. Partially biodegradable

DEGRADABILITY

Partially degradable

HIGHWAY FAST PATCH LIQUID COMPONENT

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).
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15 REGULATORY INFORMATION

RISK PHRASES

NC	Not classified.
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SAFETY PHRASES

NC	Not classified.
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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	5
SDS NO.	323

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

HIGHWAY FAST PATCH POWDER COMPONENT

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

PRODUCT NAME HIGHWAY FAST PATCH 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. DH 08 (SDS 252)

2 HAZARDS IDENTIFICATION

Irritating to skin. Risk of serious damage to eyes.
CLASSIFICATION (1999/45) Xi;R38, R41.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
CALCIUM HYDROXIDE		1305-62-0	< 1%	Xi;R38,R41.
HIGH ALUMINA CEMENT			5-10%	Xi;R36/37/38.
LIME			1-5%	Xi;R38,R41.
PORTLAND CEMENT	266-043-4	65997-15-1	10-30%	Xi;R38,R41.
SILICA SAND	238-878-4	14808-60-7	60-100%	-

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.

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.

HIGHWAY FAST PATCH POWDER COMPONENT

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.

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
CALCIUM HYDROXIDE	WEL	5 mg/m ³		
PORTLAND CEMENT	WEL	4 mg/m ³		
SILICA SAND	WEL	0,1 mg/m ³		

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	Grains, Powder
COLOUR	Grey
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.

11 TOXICOLOGICAL INFORMATION

INHALATION

Irritating to respiratory system.

HIGHWAY FAST PATCH POWDER COMPONENT**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

The product hardens to a solid immobile substance.

BIOACCUMULATION

Bioaccumulation is unlikely to be significant because of the low water solubility of this product.

DEGRADABILITY

The product contains inorganic compounds which are not biodegradable. The other substances of the product are 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).
	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

R38	Irritating to 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.
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.

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.

HIGHWAY FAST PATCH POWDER COMPONENT

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

REVISION DATE 28/01/2011

REV. NO./REPL. SDS GENERATED 6

SDS NO. 252

RISK PHRASES IN FULL

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

R38 Irritating to skin.

NC Not classified.

R41 Risk of serious damage to eyes.

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