

SL1 Shadow Lifter

Revision 0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Revision date 2016-05-26

Product name	HPC203 SL1 Shadow Lifter
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1.1. Product identifier

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

Product Use	[SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC35] Washing and cleaning products (including solvent based products);
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1.3. Details of the supplier of the safety data sheet

Company	Hydron Protective Coatings Ltd
Address	Unit 7 Phoenix Road Wednesfield Wolverhampton WV11 3PX
Web Telephone Fax	www.hydrnpc.co.uk
Email	enquiries@hydrnpc.co.uk
Email address of the competent person	01902 450 950 01902 451 050

1.4. Emergency telephone number


Emergency telephone number	01902 450 950 8.00 am - 5.00 pm Mon - Fri
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC	C; R34 Xn; R20/21/22 Symbols: C: Corrosive.
Main hazards	Harmful by inhalation, in contact with skin and if swallowed. Causes burns.
2.1.2. Classification - EC	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Irrit. 2: H319;

2.2. Label elements

Hazard pictograms	
Signal Word Hazard	Warning
Statement	Acute Tox. 4: H302 - Harmful if swallowed. Skin Irrit. 2: H315 - Causes skin irritation.

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2.2. Label elements

Precautionary Statement: Prevention	P264 - Wash thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/ if you feel unwell. P302+P352 - IF ON SKIN: Wash with plenty of water/ . P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P321 - Specific treatment (see on this label). P330 - Rinse mouth.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (% w/w)	Classification	M-factor.
Ethanolamine (2-Aminoethanol)	603-030-00-8	141-43-5	205-483-3		1 - 10%	Xn; R20/21/22 C; R34	
Potassium hydroxide	019-002-00-8	1310-58-3	215-181-3		1 - 10%	Xn; R22 C; R35	
Ethylene glycol monobutyl ether (2-Butoxyethanol)	603-014-00-0	111-76-2	203-905-0		20 - 30%	Xn; R20/21/22 Xi; R36/38	

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. factor (% w/w)	Classification	M-
Ethanolamine (2-Aminoethanol)	603-030-00-8	141-43-5	205-483-3		1 - 10%	Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1B: H314;	
Potassium hydroxide	019-002-00-8	1310-58-3	215-181-3		1 - 10%	Acute Tox. 4: H302; Skin Corr. 1A: H314;	
Ethylene glycol monobutyl ether (2-Butoxyethanol)	603-014-00-0	111-76-2	203-905-0		20 - 30%	Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315;	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	No first aid requirements.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. If you feel unwell, seek medical advice (show the label where possible).
Skin contact	Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.
Ingestion	DO NOT INDUCE VOMITING. Drink 1 to 2 glasses of water. If you feel unwell, seek medical advice (show the label where possible).

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

Inhalation	No irritation expected.
Eye contact	Irritating to eyes.
Skin contact	Irritating to skin.
Ingestion	May cause irritation to mucous membranes.

	Treat symptomatically. If unsure, seek medical attention/advice.
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4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

	Use extinguishing media appropriate to the surrounding fire conditions.
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5.1. Extinguishing media

5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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	Wear suitable respiratory equipment when necessary.
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5.3. Advice for firefighters

SECTION 6: Accidental release measures

	Wear suitable gloves. Safety glasses.
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6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

	No environmental requirements.
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	Absorb with inert, absorbent material. Dispose of this material and its container to hazardous or special waste collection point. Clean spillage area thoroughly with plenty of water.
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6.3. Methods and material for containment and cleaning up

6.4. Reference to other sections

	See Section 7 for handling information. See Section 8 for personal protection information. See Section 12 for disposal information.
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SECTION 7: Handling and storage

	Adopt best Manual Handling considerations when handling, carrying and dispensing.
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7.1. Precautions for safe handling

7.2. Conditions for safe storage, including any incompatibilities

	Store in a cool, dry area.
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	Store in original container.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

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Ethanolamine (2-Aminoethanol)	WEL 8-hr limit ppm: 1 WEL 15 min limit ppm: 3 WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total -	WEL 8-hr limit mg/m3: 2.5 WEL 15 min limit mg/m3: 7.6 WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total -
Ethylene glycol monobutyl ether (2-Butoxyethanol)	WEL 8-hr limit ppm: 25 WEL 15 min limit ppm: 50 WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total -	WEL 8-hr limit mg/m3: 123 WEL 15 min limit mg/m3: 101.2 WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total -
Potassium hydroxide	WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total -	WEL 8-hr limit mg/m3: - WEL 15 min limit mg/m3: 2 WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total -

8.2. Exposure controls

Eye / face protection	Safety glasses.
Skin protection -	Nitrile rubber gloves.
Handprotection	Not normally required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Amber
Odour	Characteristic
Odour threshold	No data available
pH	13 - 14
Melting point	No data available
Initial boiling point	> 100
Flash point	Not determined
Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
Upper Explosive Limit	No data available
Lower Explosive Limit	No data available
Vapour pressure	1.06 - 1.09
Vapour density	Not determined
Relative density	Not determined
Partition coefficient (n-octanol/water)	Product is considered non-explosive
	Product is considered non-oxidising
	Soluble in water

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SECTION 10: Stability and reactivity

No precautions required to be mentioned.

10.1. Reactivity

10.2. Chemical stability

Stable under normal conditions.

Strong acids.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Protect from frost.

Strong acids.

10.5. Incompatible materials

10.6. Hazardous decomposition products

No data is available on this product.

SECTION 11: Toxicological information

Skin corrosion/irritation Serious damage/irritation

Irritating to skin.

Irritating to eyes.

11.1. Information on toxicological effects

Respiratory or skin sensitisation

No sensitization effects reported.

Germ cell mutagenicity

No mutagenic effects reported.

Carcinogenicity

No carcinogenic effects reported.

Reproductive toxicity

No reproductive toxicity effects reported.

STOT-single exposure

No target organ toxicity effects reported.

STOT-repeated exposure

No target organ toxicity effects reported.

Aspiration hazard

No aspiration hazards reported.

SECTION 12: Ecological information

No data is available on this product.

12.2. Persistence and degradability

12.3. Bioaccumulative potential

No data is available on this product.

No data is available on this product.

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

No data is available on this product.

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	No data is available on this product.
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12.6. Other adverse effects

SECTION 13: Disposal considerations

	Dispose of this material and its container to hazardous or special waste collection point.
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13.1. Waste treatment methods

SECTION 14: Transport information

	The product is not classified as dangerous for carriage.
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14.1. UN number

14.2. UN proper shipping name

	The product is not classified as dangerous for carriage.
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	The product is not classified as dangerous for carriage.
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14.3. Transport hazard class(es)

14.4. Packing group

	The product is not classified as dangerous for carriage.
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	The product is not classified as dangerous for carriage.
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14.5. Environmental hazards

14.6. Special precautions for user

	The product is not classified as dangerous for carriage.
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	The product is not classified as dangerous for carriage.
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14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory information

Regulations	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
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15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

	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
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15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical safety assessment

	A chemical safety assessment has not been carried out for the substance or the mixture by the supplier
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SECTION 16: Other information

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Other information

Text of risk phrases in Section 3	R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed. R22 - Harmful if swallowed. R34 - Causes burns. R35 - Causes severe burns. R36/38
Text of Hazard Statements in Section 3	Acute Tox. 4: H302 - Harmful if swallowed. Acute Tox. 4: H312 - Harmful in contact with skin. Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. Acute Tox. 4: H332 - Harmful if inhaled. STOT SE 3: H335 - May cause respiratory irritation. Skin Corr. 1A: H314 - Causes severe skin burns and eye damage. Skin Irrit. 2: H315 - Causes skin irritation.