



Bimagrip HD 'A' Component

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY UNDERTAKING

1.1 - Product Identifier

Product Name:	Bimagrip HD 'A' Component
CAS No:	Not applicable
EC No:	Not applicable
Registration Number(s):	Not applicable

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

Identified Use(s):	Slip resistant surfacing
Uses Advised Against:	Due to the nature of this product it should not be used for any purpose other than its identified use.

1.3 - Details of the supplier of the safety data sheet

Manufacturer Identification:	Beegrip
Address of Manufacturer:	C/O Colony Astley, 70 Great Ancoats Street, Manchester
Postal Code:	M4 5BG
Telephone:	+44 (0) 749 686 5570
Email:	info@beegrip.com
Office Hours:	Monday to Friday / 9:00am to 4:00pm
Supplier Identification:	Beegrip
Address of Manufacturer:	C/O Colony Astley, 70 Great Ancoats Street, Manchester
Postal Code:	M4 5BG
Telephone:	+44 (0) 749 686 5570
Email:	info@beegrip.com
Office Hours:	Monday to Friday / 9:00am to 4:00pm

1.4 - Emergency telephone number

Emergency Phone Number:	+44 (0) 749 686 5570
Contact:	Technical Department
National Response Centre:	NHS Direct
Emergency Phone Number:	+44 111

SECTION 2: HAZARDS IDENTIFICATION

2.1 - Classification of substance or mixture

Regulation (EC) No. 1272/2008 (CLP)	Skin Irrit. 2 :Causes skin irritation. Skin Sens. 1 :May cause an allergic skin reaction. Eye Irrit. 2 :Causes serious eye irritation. Acute Tox. 4 : Harmful if inhaled Resp. Sens. 1 :May cause allergy or asthma symptoms or breathing difficulties if inhaled. STOT SE 3 :May cause respiratory irritation. Carc. 2 :Suspected of causing cancer. STOT RE 2: May cause damage to organs through prolonged or repeated exposure
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2.2 - Label elements

Regulation (EC) No. 1272/2008 (CLP)

Product Name:

Hazard Pictograms:

			
GHS08	GHS07		

Signal Word:

Hazard Statements:

Danger	
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H332	Harmful if inhaled
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H351	Suspected of causing cancer
H373	May cause damage to organs through prolonged or repeated exposure
EUH204	Contains isocyanates. May produce an allergic reaction

Precautionary Statements:

P201
P260
P264
P280
P304+340
P308+P313

Obtain special instructions before use
Do not breath dust/fume/gas/mist/vapours/spray
Wash hands and exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
IF INHALED: Remove person to fresh air and keep comfortable for breathing
IF exposed or concerned : Get medical attention

2.3 - Other Hazards

None known

2.4 - Additional Information

As from 24th August 2023 adequate training is required before industrial or professional use

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 - Substances

HAZARDOUS INGREDIENT(S)	CAS No.	EC No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Isocyanic acid, polymethylenepolyphenylene ester	9016-87-9	618-498-9	<80	Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2 H319 Acute Tox. 4 H332 Resp. Sens. 1 H334 STOT SE 3 H335 Carc. 2 H351 STOT RE 2 H373	GHS08 GHS07
4, 4'-Methylenediphenyl diisocyanate	101-68-8	202-966-0	<20	Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2 H319 Acute Tox. 4 H332 STOT SE 3 H335 Carc. 2 H351 STOT RE 2 H373	GHS08 GHS07

HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentration Limit		M-factor	ATE
Isocyanic acid, polymethylenepolyphenylene ester	9016-87-9				Acute Tox. 4 (H332) : 11 000
4, 4'-Methylenediphenyl diisocyanate	101-68-8	Skin Irrit. 2	C>=5.00<=100.00		Acute Tox. 4 (H332) : 11 000
		Eye Irrit. 2	C>=5.00<=100.00		
		Resp. Sens. 1	C>=0.10<=100.00		
		STOT SE 3	C>=5.00<=100.00		

3.2 - Mixtures

Not applicable

SECTION 4: FIRST AID MEASURES

4.1 - Description of first aid measures

Inhalation	Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.
Skin Contact	Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. Specific treatment (see Medical Advice on this label). Get medical advice/attention if you feel unwell.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if you feel unwell. If eye irritation persists: Get medical advice/attention.
Ingestion	Get medical advice/attention if you feel unwell.

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

May cause irritation. Allergic contact dermatitis.

4.3 - Indication of any immediate medical attention and special treatment needed

Specific treatment (see Medical Advice on this label). Call a doctor if you feel unwell. Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

5.1 - Extinguishing media

Suitable Extinguishing media As appropriate for surrounding fire.
Unsuitable Extinguishing media None.

5.2 - Special hazards arising from the substance or mixture

May decompose in a fire, giving off toxic and irritant vapours.

5.3 - Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 - Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Ensure full personal protection (including respiratory protection) during removal of spillages.

6.2 - Environmental precautions

Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

6.3 - Methods and material for containment and cleaning up

Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal.

6.4 - Reference to other sections

See Also Section 8, 13

SECTION 7: HANDLING AND STORAGE

7.1 - Precautions for safe handling

Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. Wash hands and exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. [In case of inadequate ventilation] wear respiratory protection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

7.2 - Conditions for safe storage, including any incompatibilities

Storage Temperature Store locked up. Store in a well-ventilated place. Keep container tightly closed.
Storage Life Ambient (5C to 30C)
Incompatible materials Stable under normal conditions
None known

7.3 - Specific end use(s)

Slip resistant surfacing

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 - Control parameters

8.1.1 - Occupational Exposure Limits

Occupational Exposure Limits						
SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA ppm)	STEL (ppm)	STEL (mg/m3)	Note
Isocyanates, all (as -NCO) Except methyl isocyanate	101-68-8		0.02		0.07	Sen

Region
United Kingdom

Source
UK Workplace Exposure Limits EH40/2005 (Fourth Edition published 2020)

Remark
Sen

Notes
Capable of causing occupational asthma

Biological Exposure Indices						
Substances	CAS No.	Sampling	Tissues	Control parameters	Biological monitoring value	Comment
Isocyanates (applies to HDI, IPDI, TDI and MDI)	26447-40-5	At the end of the period of exposure	urine	isocyanate derived diamine	1 µmol isocyanate-derived diamine/mol creatinine	

8.2 - Exposure controls

8.2.1 - Appropriate engineering controls

Use with ventilation, local exhaust ventilation or breathing protection. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2 - Personal protective equipment

	Eye Protection	Wear eye protection with side protection (EN166).
	Skin Protection	Wear protective clothing and gloves: Impervious gloves (EN 374).
	Respiratory Protection	Where natural ventilation or engineering controls are not fitted or inadequate wear suitable respiratory protective equipment. A suitable mask with filter type A (EN14387 or EN405) may be appropriate. PF200: 200 x Protection Factor.
	Thermal Hazards	None known.

8.2.3 - Environmental exposure controls

Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 - Information on basic physical and chemical properties

Appearance	Liquid
Odour	Colour: Brown
Odour threshold	Mouldy/Musty
pH	No data
Melting point/Freezing Point	Not known
Initial boiling point & boiling range	5°C (crystallizes below 10°C)
Flash point	>300°C (decomposes above 300°C)
Evaporation rate	>200°C (closed cup)
Flammability (solid, gas)	No data
Upper/lower flammability limits	Not known
Vapour pressure	No data
Vapour density	<0.01 Pa @ 25°C
Density (g/ml)	No data
Relative density	1.22 @ 20°C
Solubility(ies)	No data
Partition coefficient: n:octanol/water	Solubility (water): Reacts with water
Auto-ignition temperature	Solubility (Other): No data
Decomposition temperature (°C)	No data
Viscosity	No data
Explosive properties	>230°C
Oxidising properties	50-80 mPa.s @ 25°C
	Not explosive
	No data

9.2 - Other information

None

SECTION 10: STABILITY AND REACTIVITY

10.1 - Reactivity

None anticipated

10.2 - Chemical stability

Stable under normal conditions

10.3 - Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 - Conditions to avoid

None anticipated

10.5 - Incompatible materials

Not known.

10.6 - Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 - Information of toxicological effects

Acute toxicity - Ingestion	Calculation method: Not classified
Acute toxicity - Skin contact	Calculation method: Not classified
Acute toxicity - Inhalation	Calculation method: Harmful if inhaled
Skin corrosion/irritation	Calculation method: Causes skin irritation
Serious eye damage/irritation	Calculation method: Causes serious eye irritation
Skin sensitization data	Calculation method: May cause an allergic skin reaction Not classified
Respiratory sensitization data	Calculation method: May cause allergy or asthma symptoms or breathing difficulties if inhaled
Germ cell mutagenicity	Calculation method: Not classified
Carcinogenicity	Calculation method: Suspected of causing cancer
Reproductive toxicity	Calculation method: Not classified
Lactation	Calculation method: Not classified
STOT - single exposure	Calculation method: May cause respiratory irritation
STOT - repeated exposure	Calculation method: May cause damage to organs through prolonged or repeated exposure
Aspiration hazard	Calculation method: Not classified

11.2 - Other information

Not known

SECTION 12: ECOLOGICAL INFORMATION

12.1 - Toxicity

Toxicity - Aquatic invertebrates	Low toxicity to invertebrates
Toxicity - Fish	Low toxicity to Fish
Toxicity - Algae	Low toxicity to Algae
Toxicity - Sediment Compartment	Not classified
Toxicity - Terrestrial Compartment	Not classified

12.2 - Persistence and degradability

Not known

12.3 - Bioaccumulative potential

Not known

12.4 - Mobility in soil

This product has high mobility in soil

12.5 - Results of PBT and vPvB assessment

Not Known

12.6 - Other adverse effects

Not Known

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 - Waste treatment methods

Dispose of contents in accordance with local, state or national legislation. Send to a licensed recycler, reclaimer or incinerator. Dispose of this material and its container to hazardous or special waste collection point. Dispose at suitable refuse site.

13.2 - Additional information

Disposal should be in accordance with local, state or national legislation.

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

14.1 - UN number

Not applicable

14.2 - UN proper shipping name

Not applicable

14.3 - Transport hazard class(es)

Not applicable

14.4 - Packing group

Not applicable

14.5 - Environmental hazards

Not classified as a marine pollutant

14.6 - Special precautions for user

Not known

14.7 - Transport in bulk according to Annex II of Marpol and the IBC code

Not known

SECTION 15: REGULATORY INFORMATION

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

United Kingdom Regulations	Not applicable
European Regulations	Authorisations and/or Restrictions On Use
Candidate List of Substances of Very High Concern for Authorisation	Not listed
REACH: ANNEX XIV list of substances subject to authorisation	Not listed
REACH: Annex XVII Restrictions on the manufacture, placing on the market & use of certain dangerous substances, mixtures & articles	Methylenediphenyl diisocyanate (MDI) (101-68-8), Isocyanic acid, polymethylenepolyphenylene ester (9016-87-9)
Community Rolling Action Plan (CoRAP)	Methylenediphenyl diisocyanate (MDI) (101-68-8)
Regulation (EU) N° 2019/1021 of the European Parliament and of the Council on persistent organic pollutants	Not listed
Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer	Not listed
Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals	Not listed

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

LEGEND

Hazard Pictogram(s)



GHS08



GHS07

Hazard classification

Skin Irrit. 2 : Skin corrosion/irritation, Category 2

Skin Sens. 1 : Skin sensitization, Category 1

Eye Irrit. 2 : Serious eye damage/irritation, Category 2

Acute Tox. 4 : Acute toxicity, Category 4

Resp. Sens. 1 : Respiratory sensitization, Category 1

STOT SE 3 : Specific target organ toxicity — single exposure, Category 3

Carc. 2 : Carcinogenicity, Category 2

STOT RE 2 : Specific target organ toxicity — repeated exposure, Category 2

Hazard statement(s):

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Product Name:	Bimagrip HD 'A' Component
Version Number:	V2023A
Revision Date:	06/12/2023
Status:	Active
Uses:	Slip resistant surfacing

