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

1.1 Product identifier

Trade name

EVERBUILD BLACK JACK 906 BITUMEN ROOFING EMULSION

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

Product use : Bituminous coating

1.3 Details of the supplier of the safety data sheet

Company name of supplier	:	Sika Limited Watchmead Welwyn Garden City
		Hertfordshire. AL7 1BQ
Telephone	:	+44 (0)1707 394444
Telefax	:	+44 (0)1707 329129
E-mail address of person responsible for the SDS	:	EHS@uk.sika.com

1.4 Emergency telephone number

National Chemical Emergency Centre (NCEC) 24 Hour Emergency Telephone Number +44 870 190 6777

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)		
Skin irritation, Category 2	H315: Causes skin irritation.	
Eye irritation, Category 2	H319: Causes serious eye irritation.	
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.	

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



Signal word

Warning

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Hazard statements :	H315 H317 H319	Causes skin irritation. May cause an allergic skin rea Causes serious eye irritation.	ction.
Precautionary statements :	P101 P102	If medical advice is needed, ha container or label at hand. Keep out of reach of children.	ave product
	Prevention:		
	P261	Avoid breathing dust/ fume/ ga pours/ spray.	s/ mist/ va-
	P280	Wear protective gloves/ eye pr protection.	otection/ face
	Response:		
	P302 + P352	IF ON SKIN: Wash with plenty	of water.
	Disposal:		
	P501	Dispose of contents/container with local regulation.	in accordance

Hazardous components which must be listed on the label:

Rosin

1,2-benzisothiazol-3(2H)-one (BIT)

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
calcium chloride	10043-52-4 233-140-8 01-2119494219-28- XXXX	Eye Irrit. 2; H319	>= 1 - < 2,5
Rosin	8050-09-7 232-475-7 01-2119480418-32- XXXX	Skin Sens. 1; H317	>= 1 - < 2,5



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1,2-benzisothiazol-3(2H)-one (BIT)	2634-33-5 220-120-9 01-2120761540-60- XXXX	Acute Tox. 4; H302 Acute Tox. 2; H330 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 2; H411	>= 0,25 - < 1
		specific concentration limit Skin Sens. 1; H317 >= 0,05 %	
		Acute toxicity esti- mate	
		Acute oral toxicity: 597 mg/kg Acute inhalation tox- icity (dust/mist): 0,4 mg/l	
potassium hydroxide	1310-58-3 215-181-3 01-2119487136-33- XXXX	Met. Corr. 1; H290 Acute Tox. 4; H302 Skin Corr. 1A; H314 Eye Dam. 1; H318	>= 0,5 - < 1
		specific concentration limit Skin Corr. 1A; H314 >= 5 % Skin Corr. 1B; H314 2 - < 5 % Skin Irrit. 2; H315 0,5 - < 2 % Eye Irrit. 2; H319 0,5 - < 2 %	
		Acute toxicity esti- mate Acute oral toxicity:	
		333 mg/kg	

For explanation of abbreviations see section 16.



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SECTION 4: First aid measures

4.1 Description of first aid measu	res	
General advice	: Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.	
If inhaled	: Move to fresh air. Consult a physician after significant exposure.	
In case of skin contact	 Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If symptoms persist, call a physician. 	
In case of eye contact	 Immediately flush eye(s) with plenty of water. Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist. 	
If swallowed	 Do not induce vomiting without medical advice. Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. 	
4.2 Most important symptoms and effects, both acute and delayed		
Symptoms	: Allergic reactions Excessive lachrymation Erythema Dermatitis See Section 11 for more detailed information on health effects and symptoms.	
Risks	: irritant effects sensitising effects	
	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.	
4.3 Indication of any immediate medical attention and special treatment needed		
Treatment	: Treat symptomatically.	



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SECTION 5: Firefighting measures			
5.1 Extinguishing media	se extinguishing measures that are	appropriate to local cir-	

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion prod-	:	No hazardous combustion products are known
ucts		

5.3 Advice for firefighters

Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus.
Further information	:	Standard procedure for chemical fires.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective	e equipment and emergency procedures
Personal precautions :	Use personal protective equipment. Deny access to unprotected persons.
	Deny access to unprotected persons.
6.2 Environmental precautions	
Environmental precautions :	Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.
6.3 Methods and material for contai	nment and cleaning up
Methods for cleaning up :	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.
6.4 Reference to other sections	
For personal protection see section	on 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Do not breathe vapours or spray mist. Avoid exceeding the given occupational exposure limits (see section 8).



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	Do not get in eyes, on skin, or on clothing For personal protection see section 8. Persons with a history of skin sensitisatio ma, allergies, chronic or recurrent respira not be employed in any process in which used. Smoking, eating and drinking should be p plication area. Follow standard hygiene measures when products	n problems or asth- tory disease should this mixture is being prohibited in the ap-
Advice on protection against fire and explosion	Normal measures for preventive fire prote	ection.
Hygiene measures	Handle in accordance with good industria practice. When using do not eat or drink. smoke. Wash hands before breaks and a	When using do not
7.2 Conditions for safe storage, in	cluding any incompatibilities	
Requirements for storage areas and containers	Keep container tightly closed in a dry and place. Containers which are opened mus sealed and kept upright to prevent leakag	t be carefully re-

Further information on stor- : No decomposition if stored age stability	and applied as directed.
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ance with local regulations.

7.3 Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters *	Basis *
Rosin	8050-09-7	TWA (Fumes)	0,05 mg/m3	GB EH40
	asthma (also can induce a immunologica become hype sometimes ev toms. These s asthma. Not a come hyper-re	nation: Substances t known as asthmage state of specific airw al irritant or other me r-responsive, further yen in tiny quantities symptoms can range all workers who are e esponsive and it is ir	hat can cause occ ns and respiratory ay hyper-respons chanism. Once th exposure to the s may cause respine in severity from a exposed to a sens mpossible to ident	v sensitisers) iveness via an e airways have substance, ratory symp- a runny nose to itiser will be- ify in advance
		esponsive and it is ir e likely to become hy		

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that can cause occupational asthma should be distinguished from substances which may trigger the symptoms of asthma in people with pre-existing airway hyper-responsiveness, but which do not include the disease themselves. The latter substances are not classified as asthmagens or respiratory sensitisers. Further infor- mation can be found in the HSE publication Asthmagen? Critical assessments of the evidence for agents implicated in occupational asthma., Wherever it is reasonably practicable, exposure to sub- stances that can cause occupational asthma should be prevented. Where this is not possible, the primary aim is to apply adequate standards of control to prevent workers from becoming hyper- responsive. For substances that can cause occupational asthma, COSHH requires that exposure be reduced to as low as is rea- sonably practicable. Activities giving rise to short-term peak con- centrations should receive particular attention when risk manage- ment is being considered. Health surveillance is appropriate for all employees exposed or liable to be exposed to a substance which may cause occupational asthma and there should be appropriate consultation with an occupational health professional over the degree of risk and level of surveillance., The word 'fume' is often used to include gases and vapours. This is not the case for expo- sure limits where 'fume' should normally be applied to solid parti- cles generated by chemical reactions or condensed from the gas- eous state, usually after volatilisation from melted substances. The generation of fume is often accompanied by a chemical reac- tion such as oxidation or thermal breakdown., Capable of causing occupational asthma., The 'Sen' notation in the list of WELs has been assigned only to those substances which may cause occu- pational asthma in the categories shown in Table 1. It should be remembered that other substances not in these tables may cause
pational asthma in the categories shown in Table 1. It should be
occupational asthma. HSE's asthma web pages
(www.hse.gov.uk/asthma) provide further information.
STEL (Fumes) 0,15 mg/m3 GB EH40 1010 50 0 0751 0 0751
1310-58-3 STEL 2 mg/m3 GB EH40

*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

8.2 Exposure controls

potassium hydroxide

Personal protective equipment

Eye/face protection	: Safety glasses with side-shields conforming to EN166 Eye wash bottle with pure water
Hand protection	: Chemical-resistant, impervious gloves complying with an ap- proved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manu- facturer specifications.
	Suitable for short time use or protection against splashes: Butyl rubber/nitrile rubber gloves (> 0,1 mm)



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	Contaminated gloves should be removed. Suitable for permanent exposure: Viton gloves (0.4 mm), breakthrough time >30 min.	
Skin and body protection	Protective clothing (e.g. Safety shoes acc. to long-sleeved working clothing, long trousers and protective boots are additionally recommendational stirring work.	s). Rubber aprons
Respiratory protection	 Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. organic vapor filter (Type A) A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Methods for determining inhalation exposure). This applies in particular to the mixing / stirring area. In case this is not sufficent to keep the concentrations under the occupational exposure limits then respiration protection measures must be used. 	
Environmental exposure cont	rols	

Environmental exposure controls

General advice : Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state Colour	:	liquid black
Odour	:	slight
Melting point/range / Freezing point	:	No data available
Boiling point/boiling range	:	No data available
Flammability (solid, gas)	:	No data available

Upper/lower flammability or explosive limits



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Upper explosion limit / Up- per flammability limit	:	No data available	
Lower explosion limit / Lower flammability limit	:	No data available	
Flash point	:	Not applicable	
Auto-ignition temperature	:	No data available	
Decomposition temperature	:	No data available	
рН	:	Not applicable	
Viscosity Viscosity, kinematic	:	> 7 mm2/s (40 °C)	
Solubility(ies) Water solubility	:	soluble	
Partition coefficient: n- octanol/water	:	No data available	
Vapour pressure	:	0,01 hPa	
Density	:	1 g/cm3 (20 °C)	
Relative vapour density	:	No data available	
Particle characteristics	:	No data available	

9.2 Other information

No data available



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SECTION 10: Stability and	eact	ity	
10.1 Reactivity			
No dangerous reaction knc	vn ui	er conditions of normal use.	
10.2 Chemical stability			
The product is chemically s	able		
10.3 Possibility of hazardous	eact	ns	
Hazardous reactions		Stable under recommended storage conditions	
10.4 Conditions to avoid			
Conditions to avoid		No data available	
10.5 Incompatible materials			
Materials to avoid		No data available	
10.6 Hazardous decompositio	pro	ucts	
No decomposition if stored	and a	plied as directed.	

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Not classified based on available information.

Components:

1,2-benzisothiazol-3(2H)-one (BIT):

Acute oral toxicity	:	LD50 Oral (Rat): 597 mg/kg
		Acute toxicity estimate: 597 mg/kg Method: Calculation method
Acute inhalation toxicity	:	LC50: 0,4 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: OECD Test Guideline 403
		Acute toxicity estimate: 0,4 mg/l Test atmosphere: dust/mist Method: Calculation method
Acute dermal toxicity	:	LD50 Dermal (Rabbit): > 2.000 mg/kg



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potassium hydroxide:		
Acute oral toxicity	: LD50 Oral (Rat): 333 mg/kg	
	Acute toxicity estimate: 333 mg/kg Method: Calculation method	
Skin corrosion/irritation Causes skin irritation.		
Serious eye damage/eye i	ritation	
Causes serious eye irritation		
Respiratory or skin sensit	isation	
Skin sensitisation May cause an allergic skin r	eaction.	
Respiratory sensitisation Not classified based on ava	lable information.	
Components:		
1,2-benzisothiazol-3(2H)-o	ne (BIT):	
Assessment	: May cause sensitisation by skin contact.	
Germ cell mutagenicity		
Not classified based on ava	lable information.	
Carcinogenicity		
Not classified based on ava	lable information.	
Reproductive toxicity		
Not classified based on ava	lable information.	
STOT - single exposure		
Not classified based on ava		
STOT - repeated exposure		
Not classified based on ava	ladie information.	
Aspiration toxicity	loble information	
Not classified based on ava		



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SECTION 12: Ecological information

12.1 Toxicity

Components:

1,2-benzisothiazol-3(2H)-one (BIT):

Toxicity to daphnia and other : EC50 (Daphnia (water flea)): 3 mg/l aquatic invertebrates Exposure time: 48 h

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12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

12.6 Endocrine disrupting properties

No data available

12.7 Other adverse effects

Product:

Additional ecological infor- : There is no data available for this product. mation

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product	 The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way.
	Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should



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at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

14.1 UN number or ID number

ADR	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
ΙΑΤΑ	:	Not regulated as a dangerous good
14.2 UN proper shipping name		
ADR	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
ΙΑΤΑ	:	Not regulated as a dangerous good
14.3 Transport hazard class(es)		
ADR	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
ΙΑΤΑ	:	Not regulated as a dangerous good
14.4 Packing group		
ADR	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
IATA (Cargo)	:	Not regulated as a dangerous good
IATA (Passenger)	:	Not regulated as a dangerous good
14.5 Environmental hazards Not regulated as a dangerous good		
14.6 Special precautions for user Not applicable		

Not applicable

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.



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SECTION 15: Regulatory information

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

Relevant EU provisions transposed through retained EU law

International Chemical Weapons Schedules of Toxic Chemicals an	, , , , , , , , , , , , , , , , , , ,	Not applicable
Regulation (EC) No 1005/2009 of plete the ozone layer	n substances that de- :	Not applicable
Volatile organic compounds :	Law on the incentive tax f (VOCV) no VOC duties	or volatile organic compounds
		4 November 2010 on industrial ution prevention and control)
If other regulatory information applies that is not already provided elsewhere in the Safety Data Sheet, then it is described in this subsection.		

Health, safety and environ- mental regulation/legislation specific for the substance or mixture:	: Environmental Protection Act 1990 & Subsidiary Regulations Health and Safety at Work Act 1974 & Subsidiary Regulations Control of Substances Hazardous to Health Regulations (COSHH)	
	May be subject to the Control of Major Accident Hazards Regulations (COMAH), and amendments.	

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

SECTION 16: Other information

Full text of H-Statements



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H411	
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: Toxic to aquatic life with long lasting effects.

Full text of other abbreviations	5
Acute Tox. :	Acute toxicity
Aquatic Acute :	Short-term (acute) aquatic hazard
Aquatic Chronic :	Long-term (chronic) aquatic hazard
Eye Dam. :	Serious eye damage
Eye Irrit. :	Eye irritation
Met. Corr. :	Corrosive to metals
Skin Corr. :	Skin corrosion
Skin Irrit. :	Skin irritation
Skin Sens. :	Skin sensitisation
GB EH40 :	UK. EH40 WEL - Workplace Exposure Limits
GB EH40 / TWA :	Long-term exposure limit (8-hour TWA reference period)
GB EH40 / STEL :	Short-term exposure limit (15-minute reference period)
ADR :	European Agreement concerning the International Carriage of
	Dangerous Goods by Road
CAS :	Chemical Abstracts Service
DNEL :	Derived no-effect level
EC50 :	Half maximal effective concentration
GHS :	Globally Harmonized System
IATA :	International Air Transport Association
IMDG :	International Maritime Code for Dangerous Goods
LD50 :	Median lethal dosis (the amount of a material, given all at
	once, which causes the death of 50% (one half) of a group of
	test animals)
LC50 :	Median lethal concentration (concentrations of the chemical in
	air that kills 50% of the test animals during the observation
	period)
MARPOL :	International Convention for the Prevention of Pollution from
a =:	Ships, 1973 as modified by the Protocol of 1978
OEL :	Occupational Exposure Limit
PBT :	Persistent, bioaccumulative and toxic
PNEC :	Predicted no effect concentration
REACH :	Regulation (EC) No 1907/2006 of the European Parliament
	and of the Council of 18 December 2006 concerning the Reg-
	istration, Evaluation, Authorisation and Restriction of Chemi-
8)/110	cals (REACH), establishing a European Chemicals Agency
SVHC :	Substances of Very High Concern
vPvB :	Very persistent and very bioaccumulative

Further information

Classification of	f the mixture:	Classification procedure:
Skin Irrit. 2	H315	Calculation method
Eye Irrit. 2	H319	Calculation method
Skin Sens. 1	H317	Calculation method



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The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

Changes as compared to previous version !

GB / EN