

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture  
Product name : Axiom UniSeal (Part A)  
Product code : 160-2-10-A

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.2.1. Relevant identified uses**

Industrial/Professional use spec : For professional use only  
Industrial  
Use of the substance/mixture : Elastomeric, polyurethane based material, extended with pure chemically polymerized black bitumen, for waterproofing any surface

**1.2.2. Uses advised against**

No additional information available

**1.3. Details of the supplier of the safety data sheet**

Visqueen Building Products,  
Heanor Gate Road,  
Heanor,  
Derbyshire,  
DE75 7RG  
www.visqueenbuilding.co.uk

**1.4. Emergency telephone number**

Emergency number : 0333 202 6800

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Flammable liquids, Category 3 :	H226	On basis of test data
Skin corrosion/irritation, Category 2 :	H315	Calculation method
Serious eye damage/eye irritation, Category 2 :	H319	Calculation method
Specific target organ toxicity – Repeated exposure, Category 2 :	H373	Calculation method

Full text of H statements : see section 16

**Adverse physicochemical, human health and environmental effects**

No additional information available

**2.2. Label elements****Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Hazard pictograms (CLP) :



GHS02  
Warning

GHS07

GHS08

Signal word (CLP) :

Hazardous ingredients :

xylene,

Hazard statements (CLP) :

H226 - Flammable liquid and vapour  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H319 - Causes serious eye irritation

Precautionary statements (CLP) :

P101 - If medical advice is needed, have product container or label at hand  
P102 - Keep out of reach of children  
P260 - Do not breathe fume, vapours, spray  
P280 - Wear protective clothing, protective gloves, face protection, eye protection  
P233 - Keep container tightly closed  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking  
P271 - Use only outdoors or in a well-ventilated area  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

EUH-statements :

EUH208 - Contains Diphenylmethanediisocyanate, isomers and homologues(9016-87-9). May produce an allergic reaction  
 EUH204 - Contains isocyanates. May produce an allergic reaction

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]
xylene (Note C)	(CAS No) 1330-20-7 (EC no) 215-535-7 (EC index no) 601-022-00-9	10 -15	R10 Xn; R20/21 Xi; R36/37/38 Xn; R65	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304

#### Specific concentration limits:

Name	Product identifier	Specific concentration limits: DSD/DPD	Specific concentration limits: CLP
xylene	(CAS No) 1330-20-7 (EC no) 215-535-7 (EC index no) 601-022-00-9	(C >= 12.5) Xn;R20/21	

Note C: Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

Full text of R- and H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Allow breathing of fresh air. Allow the victim to rest.

First-aid measures after skin contact : Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth. DO NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/injuries : Causes damage to organs.

Symptoms/injuries after skin contact : Causes skin irritation.

Symptoms/injuries after eye contact : Causes serious eye irritation.

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Flammable liquid and vapour.

Explosion hazard : May form flammable/explosive vapour-air mixture.

**5.3. Advice for firefighters**

Firefighting instructions :	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting :	Do not enter fire area without proper protective equipment, including respiratory protection.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

General measures :	Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.
--------------------	---

**6.1.1. For non-emergency personnel**

Emergency procedures :	Evacuate unnecessary personnel.
------------------------	---------------------------------

**6.1.2. For emergency responders**

Protective equipment :	Equip cleanup crew with proper protection.
Emergency procedures :	Ventilate area.

**6.2. Environmental precautions**

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

**6.3. Methods and material for containment and cleaning up**

Methods for cleaning up :	Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
---------------------------	--

**6.4. Reference to other sections**

See Heading 8. Exposure controls and personal protection.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Additional hazards when processed :	Handle empty containers with care because residual vapours are flammable.
Precautions for safe handling :	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. No open flames. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools. Avoid breathing fume, vapours, spray.
Hygiene measures :	Wash hands thoroughly after handling.

**7.2. Conditions for safe storage, including any incompatibilities**

Technical measures :	Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical equipment.
Storage conditions :	Keep only in the original container in a cool, well ventilated place away from : Heat sources. Keep container tightly closed.
Incompatible products :	Strong bases. Strong acids. Water, amines and alcohol's.
Incompatible materials :	Sources of ignition. Direct sunlight. Heat sources.

**7.3. Specific end use(s)**

No additional information available

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

No additional information available

**8.2. Exposure controls**

Personal protective equipment :	Avoid all unnecessary exposure.
Hand protection :	Wear protective gloves. (Council Directive 89/686/EEC)
Eye protection :	Chemical goggles or safety glasses
Skin and body protection :	Wear suitable protective clothing
Respiratory protection :	Wear appropriate mask. (type A1 according to standard EN14387)
Other information :	Do not eat, drink or smoke during use.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state :	Liquid
Appearance :	Viscous liquid.
Colour :	Black.
Odour :	characteristic.
Odour threshold :	No data available
pH :	No data available
pH solution :	Not applicable
Relative evaporation rate (butylacetate=1) :	No data available
Melting point :	No data available
Freezing point :	No data available
Boiling point :	No data available
Flash point :	42 °C
Auto-ignition temperature :	No data available
Decomposition temperature :	No data available
Flammability (solid, gas) :	Flammable liquid and vapour
Vapour pressure :	No data available
Relative vapour density at 20 °C :	No data available
Relative density :	No data available
Density :	1.03 g/cm <sup>3</sup>
Solubility :	organic solvents.
Log Pow :	No data available
Viscosity, kinematic :	No data available
Viscosity, dynamic :	25000 cP
Explosive properties :	No data available
Oxidising properties :	No data available
Explosive limits :	No data available

**9.2. Other information**

No additional information available

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No additional information available

**10.2. Chemical stability**

Stable under recommended handling and storage conditions (see section 7).

**10.3. Possibility of hazardous reactions**

None under normal use.

**10.4. Conditions to avoid**

Direct sunlight. Extremely high or low temperatures. Open flame. Overheating. Heat. Sparks.

**10.5. Incompatible materials**

Oxidizer. Strong acids. Strong bases. Water, amines and alcohol's.

**10.6. Hazardous decomposition products**

Carbon monoxide. Carbon dioxide. May release flammable gases.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

Acute toxicity :	Not classified
Skin corrosion/irritation :	Causes skin irritation.
Serious eye damage/irritation :	Causes serious eye irritation.
Respiratory or skin sensitisation :	Not classified
Additional information :	Based on available data, the classification criteria are not met
Germ cell mutagenicity :	Not classified Based on available data, the classification criteria are not met

Carcinogenicity :	Not classified
Additional information :	Based on available data, the classification criteria are not met
Reproductive toxicity :	Not classified
Additional information :	Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure) :	Not classified
Additional information :	Based on available data, the classification criteria are not met
Specific target organ toxicity (repeated exposure) :	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard :	Not classified
Additional information :	Based on available data, the classification criteria are not met

Axiom UniSeal Part A	
Viscosity, kinematic	24271.84466019 mm <sup>2</sup> /s

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

### 12.1. Toxicity

No additional information available

### 12.2. Persistence and degradability

Axiom UniSeal part A	
Persistence and degradability	No available data.

### 12.3. Bioaccumulative potential

Axiom UniSeal Part A	
Bioaccumulative potential	No available data.

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

Additional information : Avoid release to the environment

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to a hazardous or special waste collection point.

Additional information : Handle empty containers with care because residual vapours are flammable.

Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

### 14.1. UN number

UN-No. (ADR) :	1139
UN-No. (IMDG) :	1139
UN-No. (IATA) :	1139
UN-No. (ADN) :	Not applicable
UN-No. (RID) :	Not applicable

### 14.2. UN proper shipping name

Proper Shipping Name (ADR) :	COATING SOLUTION
Proper Shipping Name (IMDG) :	COATING SOLUTION
Proper Shipping Name (IATA) :	Coating solution
Proper Shipping Name (ADN) :	Not applicable
Proper Shipping Name (RID) :	Not applicable
Transport document description (ADR) :	UN 1139 COATING SOLUTION (NOT SUBJECT TO THE PROVISIONS OF ADR - The product is packed in receptacles of less than 450 litres capacity. - Exempted according to 2.2.3.1.5 (Viscous substance exemption)), 3, III, (D/E)

Transport document description (IMDG) :	UN 1139 COATING SOLUTION (NOT SUBJECT TO THE PROVISIONS OF IMDG CODE FOR THE MARKING, LABELLING AND TESTING OF PACKAGES IN CHAPTERS 4.1, 5.2, AND 6.1. - The product is packed in receptacles not exceeding 30 L capacity - The following statement shall be included in the transport document: "Transport in accordance with 2.3.2.5 of the IMDG Code."), 3, III
Transport document description (IATA) :	UN 1139 Coating solution, 3, III

### 14.3. Transport hazard class(es)

<b>ADR</b>	
Transport hazard class(es) (ADR) :	3
Danger labels (ADR) :	3



<b>IMDG</b>	
Transport hazard class(es) (IMDG) :	3
Danger labels (IMDG) :	3



<b>IATA</b>	
Transport hazard class(es) (IATA) :	3
Hazard labels (IATA) :	3



<b>ADN</b>	
Transport hazard class(es) (ADN) :	Not applicable

<b>RID</b>	
Transport hazard class(es) (RID) :	Not applicable

### 14.4. Packing group

Packing group (ADR) :	III
Packing group (IMDG) :	III
Packing group (IATA) :	III
Packing group (ADN) :	Not applicable
Packing group (RID) :	Not applicable

### 14.5. Environmental hazards

Dangerous for the environment :	No
Marine pollutant :	No
Other information :	No supplementary information available

### 14.6. Special precautions for user

<b>- Overland transport</b>	
Classification code (ADR) :	F1
Special provisions (ADR) :	640E
Limited quantities (ADR) :	5I
Excepted quantities (ADR) :	E1
Packing instructions (ADR) :	P001, IBC03, LP01, R001

Mixed packing provisions (ADR) : MP19  
Transport category (ADR) : 3  
Special provisions for carriage - Packages (ADR) : V12  
Special provisions for carriage - Operation (ADR) : S2  
Hazard identification number (Kemler No.) : 30  
Orange plates :



Tunnel restriction code (ADR) : D/E  
EAC code : •3YE

**- Transport by sea**

Special provisions (IMDG) : 955  
Limited quantities (IMDG) : 5 L  
Excepted quantities (IMDG) : E1  
Packing instructions (IMDG) : P001, LP01  
IBC packing instructions (IMDG) : IBC03  
EmS-No. (Fire) : F-E  
EmS-No. (Spillage) : S-E  
Stowage category (IMDG) : A

**- Air transport**

PCA Excepted quantities (IATA) : E1  
PCA Limited quantities (IATA) : Y344  
PCA limited quantity max net quantity (IATA) : 10L  
PCA packing instructions (IATA) : 355  
PCA max net quantity (IATA) : 60L  
CAO packing instructions (IATA) : 366  
CAO max net quantity (IATA) : 220L  
Special provisions (IATA) : A3  
ERG code (IATA) : 3L

**- Inland waterway transport**

No data available

**- Rail transport**

No data available

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****15.1.1. EU-Regulations**

Contains no substances with Annex XVII restrictions  
Contains no substance on the REACH candidate list  
Contains no REACH Annex XIV substances.

**15.1.2. National regulations****Germany**

VwVwS Annex reference : Water hazard class (WGK) 3, severe hazard to waters (Classification according to VwVwS, Annex 4)  
12th Ordinance Implementing the Federal : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)  
Immission Control Act - 12.BImSchV

**Netherlands**

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen :	None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding :	None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid :	None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling :	xylene is listed
<b>Denmark</b>	
Class for fire hazard :	Class II-1
Store unit :	5 liter
Classification remarks :	R10 <H226;H315;H319;H373>; Emergency management guidelines for the storage of flammable liquids must be followed
Recommendations Danish Regulation :	Young people below the age of 18 years are not allowed to use the product Pregnant/breastfeeding women working with the product must not be in direct contact with the product Persons suffering from asthma or eczema and persons who have chronic lung diseases, skin or respiratory allergies to isocyanates should not work with the material The requirements from the Danish Working Environment Authorities regarding work with epoxy resins and isocyanates must be observed during use and disposal

### 15.2. Chemical safety assessment

No data available

### SECTION 16: Other information

Data sources :	REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
Other information :	None.
Full text of R-, H- and EUH-statements:	

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation
H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H373	May cause damage to organs through prolonged or repeated exposure
EUH204	Contains isocyanates. May produce an allergic reaction
EUH208	Contains . May produce an allergic reaction
R10	Flammable
R20	Harmful by inhalation
R20/21	Harmful by inhalation and in contact with skin
R36/37/38	Irritating to eyes, respiratory system and skin
R65	Harmful: may cause lung damage if swallowed
Xi	Irritant
Xn	Harmful