

SAFETY DATA SHEET

EP. 101 EPDM Reclaim / GRP EPS 60E EPDM Reclaim

Date: 06/2019

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1 IDENTIFICATION OF SUBSTANCE

1.1 Product Identifier:

Identification on the label/ Trade name: EP. 101 EPDM Reclaim / GRP EPS 60E EPDM Reclaim

1.2 Relevant Identified uses of the substance and uses advised against:

1.2.1 Identified uses:

Production in articles of rubber.

1.2.2 Uses advised against:

Not available

1.3 Details of the Supplier of the material safety data sheet:

J. Allcock & Sons Ltd.,
Textile Street,
West Gorton,
Manchester,
M12 5DL.

Email: ja@allcocks.co.uk
Tel: +44 (0)161 223 7181
Fax: + 44 (0)161 223 0173

1.4 Emergency telephone number:

+44 (0)161 223 7181

2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

2.1.1 Classification:

Classification according to Directive Regulation (EC) No. 1272/2008
[CLP] Not classified

Classification according to Directive 67/548/EEC or
1999/45/EC Not classified

2.1.2 The most important adverse effects:

2.1.2.1 The most important adverse physicochemical effects:

Not available.

2.1.2.2 The most important adverse human health effects:

Exposure to hot material may cause thermal burns. Particulates may scratch eye surfaces/cause irritation.

2.1.2.3 The most important adverse environmental effects:

Not available.

2.2 Label Elements:

Hazard Pictograms:

Not applicable.

Signal Word(s):

Not applicable.

Hazard Statement:

Not applicable.

Precautionary statement:

Not applicable.

2.3 Other hazards

Not available.

3 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance/Mixture:

The product is mixture.

3.2 Ingredients:

Name	CAS No.	EC No.	Index No.	Reach No.	% wt/wt	Classification according to CLP	Classification according to DSD
Carbon black	1333-86-4	215-609-9	-	01-2119384822-32-0052	25	Not classified	Not classified
Reaction mass of EPDM rubber	-	-	-	-	30	Not classified	Not classified
Lubricating oils (petroleum), C20-5-, hydrotreated neutral based, high viscosity	72623-85-9	276-736-3	-	17-2119921918-28-0000	15	Not classified (as IP 346 < 3%; > 20.5 mm ² /s @ 40°C)	Not classified
Residual Oils (petroleum, solvent refine)	64742-01-4	265-101-6	-	17-2119921918-28-0000	15	Not classified	Not classified
Calcium carbonate	471-34-1	207-439-9	-	05-2117234601-55-0000	13	Not classified	Not classified
Sulfur	7704-34-9	231-722-6	016-094-00-1	05-2117230831-52-0000	1	Skin Irritation category 2;H315	Xi; R38
Zinc oxide	1314-13-2	215-222-5	030-013-00-7	Impurity < 20%	1	Aquatic Acute 1;H400	N; R50-53

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4 FIRST-AID MEASURES

4.1 Description of first aid measures:

4.1.1 In case of inhalation:

Move victim to fresh air. If not breathing, give artificial respiration. Get medical attention.

4.1.2 In case of skin contact:

Immediately wash with plenty of soap and water. Get medical attention if irritation occurs.

4.1.3 In case of eyes contact:

Immediately flush eyes with running water for at least 20 minutes holding eyelids open. Get medical attention.

4.1.4 In case of ingestion:

Do not induce vomiting. Give 1-2 glasses of water to a conscious victim. Never give anything by mouth to an unconscious victim. Get medical attention.

4.2 Most important symptoms and effect, both acute and delayed:

Not applicable.

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

Not applicable.

5 FIRE-FIGHTING MEASURES

5.1 Extinguishing Media:

5.1.1 Suitable extinguishing

media: Foam.

Dry chemical powder.

Carbon dioxide.

BCF(Where regulations permit)

5.1.2 Unsuitable extinguishing media:

None known.

5.2 Specific Hazards arising from the substance or mixture:

Fire/explosion hazard: Emits toxic fumes under fire conditions.

Main combustion gas: carbon monoxide, carbon dioxide gases and oxides of sulfur.

5.3 Advice for fire-fighters:

Alert Fire Brigade and tell them location and nature of hazard.

Wear breathing apparatus plus protective gloves.

Prevent, by any means available, spillage from entering drains or water courses.

Use water delivered as a fine spray to control fire and cool adjacent area.

DO NOT approach containers suspected to be hot.

Cool fire exposed containers with water spray from a protected location.

If safe to do so, remove containers from path of fire.

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

6.1.1 For non-emergency personnel:

Not applicable.

6.1.2 For emergency responders:

Not applicable.

6.2 Environmental precautions:

Not applicable.

6.3 Methods of containment and cleaning up:

Recover spilled material and place in suitable containers for recycle or disposal

Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations

6.4 Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

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7 HANDLING AND STORAGE

7.1 Precautions for safe handling:

7.1.1 Protective measures:

Avoid ingestion, inhalation, skin and eye contact. Minimize dust generation and accumulation.

7.1.2 Advice on general occupational hygiene:

Handle in accordance with good industrial hygiene practice and any legal requirements.,

7.2 Conditions for safe storage, including any incompatibilities:

Suitable container: Packing as supplied by manufacturer, lined metal drum. Lined metal safety cans.

Storage incompatibility: Avoid reaction with oxidizing agents.

7.3 Specific end use(s):

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters:

At this time no TLV has been established, even though this material may produce adverse health effects (as evidenced in animal experiments or clinical experience). Airborne concentrations must be maintained as low as is practically possible and occupational exposure must be kept to a minimum.

Substance	Carbon Black			
CAS No.	1333-86-4			
	Limit value – Eight hours		Limit value – Short term	
	ppm	mgm ³	ppm	mg/m ³
Australia		3		
Austria				
Belgium		3.5		
Canada - Ontario		3.5		
Canada - Québec		3.5		
Denmark		3.5		7.0
European Union				
France		3.5		
New Zealand		3		
Singapore		3.5		
Spain		3.5		
Sweden		3		
USA - NIOSH		3.5(1)		
USA - OSHA		3.5		
United Kingdom		3.5		7

Substance	Kaolin			
CAS No.	1332-58-7			
	Limit value – Eight hours		Limit value – Short term	
	ppm	mgm ³	ppm	mg/m ³
Australia		10 (1)		
Austria				
Belgium		2		
Canada - Ontario		2 (1.2)		
Canada - Québec		5		
Denmark		2 respirable aerosol		4 respirable aerosol
European Union				
France		10 respirable aerosol		
New Zealand		10 (1) 2 (2)		
Singapore		2 respirable aerosol		
Switzerland		3 respirable aerosol		
The Netherlands				
USA - NIOSH		10 total dust 5 respirable fraction		
USA - OSHA		15 total dust 5 respirable dust		
United Kingdom		2 respirable aerosol		

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8.2 Exposure controls:

8.2.1 Appropriate engineering controls:

Local exhaust ventilation of process equipment may be needed to control particulate exposures to below the recommended exposure limit. See personal protection recommendations.

8.2.2 Individual protection measures:

Eye/face protection:

For open systems where contact is likely, wear safety glasses with side shields.

Hand protection:

Where contact may occur with hot materials, wear thermal resistant gloves.

Body protection:

Where contact may occur with hot materials, wear arm protection and a face shield.

Respiratory protection:

Where overexposure by inhalation may occur and engineering, work practice or other means of exposure reduction are not adequate, approved respirators may be necessary.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance:		"Blanket"
Physical state:		Solid
Colour:		Black
Odour:		Characteristic
pH:		Not applicable.
Melting point/range (°C):		Not applicable.
Boiling point/range (°C):		Not applicable.
Flash point (°C):		172
Evaporation rate:		Not applicable.
Flammability (soild,gas):		Not available.
Ignition temperature (°C):		Not available.
Upper/lower flammability/explosive limits:		Not available.
Vapour pressure:	@ 20°C	Not applicable.
Vapour density:		Not applicable.
Relative Density (g cm ⁻³):	@ 25°C	Not available.
Specific Gravity:	@ 60°C	1.15
Solubility:		Insoluble in water.
Auto-ignition temperature (°C):		459 (Note: Start burning)
Decomposition temperature (°C):		Not available.
Viscosity (mm ² s ⁻¹ , cSt):	@ 25°C	Not applicable.

10 STABILITY AND REACTIVITY

10.1 Reactivity:

Not available.

10.2 Chemical stability:

Stable up to 100°C.

10.3 Possibility of hazardous reactions:

Not available.

10.4 Conditions to avoid:

Fire, Heat; Strong acid, alkali and oxidizing agents.

10.5 Incompatible materials:

Thermal decomposition products: Flammable hydrocarbons

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10.6 Hazardous decomposition products:

Thermal decomposition products: Flammable Hydrocarbons.

11 TOXICOLOGICAL INFORMATION

11.1 Toxicokinetics, metabolism and distribution:

Not available.

11.2 Information on toxicological effects:

Acute toxicity:

Not available.

Skin corrosion/irritation:

Not available.

Serious eye damage/irritation:

Not available.

Respiratory or skin sensitization:

Not available.

Germ cell mutagenicity:

Not available.

Carcinogenicity:

Not available.

Reproductive toxicity:

Not available.

STOT- single exposure:

Not available.

STOT- repeated exposure:

Not available.

Aspiration hazard:

Not available.

Please refer to section 3 for available information on potential health effects

12 ECOLOGICAL INFORMATION

No specific ecological data are available for this product. Please refer to section 6 for information regarding accidental releases and section 15 for regulatory reporting information.

13 DISPOSAL CONSIDERATIONS

Please refer to sections 5, 6 and 15 for disposal and regulatory information.

14 TRANSPORT INFORMATION

14.1 General:

This product is not regulated.

14.2 UN-no:

Not available.

14.3 Transport hazard class(es)

14.3.1 RID/ADR:

Not available.

14.3.2 IMDG:

Not available.

14.3.3 IATA/ICAO:

Not available.

15 REGULATORY INFORMATION

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

15.1.1. EU-Regulations

This safety data sheet is in compliance with the following EU legislation and its adaptations – as far as applicable - 67/548/EEC, 1999/45/EC, Regulation (EC) No 1272/2008, Regulation (EC) No. 453/2010; Regulation (EC) No 1907/2006, 98/24/EC, 92/85/EEC, 94/33/EC, 91/689/EEC and 1999/13/EC.

15.1.2. International/National regulations

No data available.

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15.2 Chemical safety assessment:

Chemical safety assessments for substances in this mixture were not carried out.

16 OTHER INFORMATION

16.1 Indication of changes:

No data available

16.2 Key literature references and sources for data:

ESIS (European chemical Substances Information System), <http://esis.jrc.ec.europa.eu/>
- REACH registered chemicals, http://echa.europa.eu/chem_data_en.asp
- IFA GESTIS - International limit values for chemical agents - occupational exposure limits (OELs),
http://www.dguv.de/ifa/en/gestis/limit_values/index.jsp

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For any further information please contact **J. Allcock & Sons Ltd.**

DISCLAIMER: All information and instructions provided in these Safe Handling Instructions (SHI) are based on the current state of scientific and technical knowledge at the date indicated on the present SHI. J. Allcock & Sons Ltd. shall not be held responsible for any defect in the product covered by this SHI, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge. **Dated:06/2019**

