

SAFETY DATA SHEET ACCORDINGLY 91/155/EWG

COASH

PRODUCT NAME: ELAST-O-SEAL
SUPPLIER: EXITEX LTD.
DATE OF ISSUE: 26-11-98

REVISION DATE: 26-11-98

1. Chemical product and company identification**1.1. Product Data**

Trade Name : Elast-O-Seal
Product Code : EOS

Life expectancy
20 + yrs.

1.2 Manufacturer/Supplier-Data

1.2.1 Manufacturer / Supplier : Exitex Ltd.
Nat.Abbrev/Post Code/Town: Mountpleasant, Dundalk
Phone-No : (00 353 42) 9371244
Fax-No : (00 353 42) 9371221

2. Composition / Information on ingredients

2.1 Chemical characteristics : Synthetic rubber elastomers in solvent.
2.2 Hazardous components : Contains no ingredients

3. Composition / Information on ingredients

3.1 Adverse human health effects : Flammable
3.2 Adverse environmental effects : No particular hazards known

4. First-Aid Measures

4.1 General Instructions : No data available
4.2 In case of inhalation : Ensure supply of fresh air. In the event of symptoms refer for medical treatment.
4.3 In case of skin contact : The product is not skin irritating. In case of contact with skin wash off immediately with soap & water.
4.4 After contact with eyes : In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.
4.5 After ingestion : Refer for medical treatment
4.6 Instructions for the doctor : No Data available.

5. Fire-fighting measures

5.1 Suitable extinguishing media : foam, dry powder, carton dioxide, water spray jet
5.2 Extinguishing media that must not be used for safety reasons : Full water jet
5.3 Special hazards from the substance itself, its combustion products or liberating gases : No data available.
5.4 Special protective equipment for fire fighters : No special requirements.

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5.5 Further information : No data available

6. Accidental release measures

6.1 Precaution for persons : Use personal protective clothing

6.2 Arrangements for pollution control : Do not discharge into the drains/ surface waters/ groundwater

6.3 Cleaning / Take-up-process : Take up residues with absorbent material (e.g. sand, sawdust, general - purpose binder)

6.4 Additional instructions : No data available

7. Handling and storage

7.1 Handling

7.1.1 Instructions for safe handling : No special measures necessary if used correctly

7.1.2 Instructions for fire- and explosion protection : Keep away from sources of ignition. Do not smoke. Take precautionary measures against static discharges.

7.2 Storage

7.2.1 Requirements for storage rooms and vessels : Store in a cool place

7.2.2 Vessel content : 300.0ml

7.2.3 Vessel species /material : Polyethylene

7.2.4 Advice on storage compatibility : None

7.2.5 Storing temperature min : °C no data available

7.2.6 Storing temperature max : 60.0°C

7.2.7 Storage class :

7.2.8 Further hints : No data available

8. Exposure controls / personal protection

8.1 Additional instructions for construction of technical installations : No data available

8.2 Constituents with working-place corresponding, to be controlled limits

8.2.1 Components:-

CAS Number	Name of component	Type	Lim.Value	Unit
123-86-4	N-Butyl acetate	HAK	950.000	mg/m ³

8.2.2 Additional Instructions : No data available

8.3 Personal protective outfits

8.3.1 General protection and hygienic measures : Wash hands before breaks and after work.

8.3.2 Breathing mask : Not required

8.3.3 Hand protection : Not required.

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- 8.3.4 Eye Protection : tightly fitting goggles
8.4.5 Body protection : not required

9. Physical and chemical properties

9.1 Appearance

- 9.1.1 Form : Pasty
9.1.2 Colour : Transparent
9.1.3 Odour : Mild ester-like

9.2 Safe relevant data

- 9.2.1 Boiling point / range from : 124.0 °C up to 0.0°C
Remark : no data available
9.2.2 Melting point / range from : 0.0°C up to 0.0°C
9.2.3 Flash Point °C : 25
9.2.4 pH-Value (undiluted) :
Remark : Not applicable
9.2.5 Inflammability (PG A10/A13) : no data available
9.2.6 Ignition point (C) : 370.0
Remark :

9.2.7 Autoignation (EG A16) (°C) :

Remark : no self-ignition

9.2.8 Burning stimulating features : doesn't apply

9.2.9 Explosion hazard

- 9.2.9.1 Lower explosion limit (Vol. %) : 3.0
9.2.9.2 Upper explosion Limit (Vol. %) : 10.4

9.3 Further Data

- 9.3.1 Density (g/ccm) : 0.9400
Remark : no data available
9.3.2 Solubility : insoluble in water
9.3.3 Vapour pressure (mbar) : no data available
9.3.4 Vapour density (air=1)
Remark : no data available

**9.3.5 Octanol/Water partition
Coefficient**

Remark : no data available

- 9.3.6 Viscosity (mPas) : 15000.0
Remark : no data available

9.3.7 Burning number : no data available

9.3.8 Percussion sensitivity : no data available

9.3.9 Bulk density : no data available

9.3.10 Acid number (mcKOH)

Remark : no data available

9.3.11 Solvent - dissocinating - control : no data available

9.3.12 Solvent - volume (weight %) : 20.0

9.3.13 Evaporation value

Remark : no data available

9.3.14 Further information : no data available

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10. Stability and reactivity

- 10.1 Hazardous reactions : No hazardous reactions known
- 10.2 Hazardous decomposition products: No hazardous decomposition products known
- 10.3 Thermal decomposition : No hazardous decomposition products known
- 10.4 Further information : No data available.

11. Toxicological information

11.1 Acute Toxicity

- 11.1.1 Acute orale toxicity : No data available
- 11.1.2 Acute inhalat, toxicity : No data available
- 11.1.3 Acute dermal toxicity : No data available
- 11.1.4 Irritant effect on skin : Non-irritant
- 11.1.5 Irritant effect on eyes : Non-irritant
- 11.1.6 Sensitization : Non-sensitising

11.2 Sub-acute to chronic toxicity

- 11.2.1 Subacute toxicity : No data available
- 11.2.2 Sub-chronic toxicity : No data available
- 11.2.3 Chronic toxicity : No data available
- 11.2.4 Mutagenicity : No data available
- 11.2.5 Reproduction toxicity : No data available
- 11.2.6 Cancerogenity : No data available

- 11.3 Further remarks on toxicological examinations : No data available

- 11.4 Experiences made in practice : No data available

- 11.5 Other information : No data available

12. Ecological information

12.1 Data on elimination (persistence and degradability)

- 12.1.1.1 Method : No data available
- 12.1.1.2 Validation : No data available
- 12.1.1.3 Other advices : No data available

12.1.2 Biological elimination

- 12.1.2.1 Method : No data available
- 12.1.2.2 Validation : No data available
- 12.1.2.3 Other advices : No data available

12.1.3 Physico-chemical degradability

- 12.1.3.1 Method : No data available
- 12.1.3.2 Validation : No data available
- 12.1.3.3 Other advices : No data available

12.1.4 Biodegradability

- 12.1.4.1 Method : No data available
- 12.1.4.3 Other Advices : No data available.

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12.1.5 Ready degradability

12.1.5.1 Method : No data available

12.1.5.2 Validation : No data available

12.1.5.3 Other advices : No data available

12.1.6 Degradability acc. law of wash and cleansing agent

12.1.6.1 Method : No data available

12.1.6.2 Validation : No data available

12.1.6.3 Other advices : No data available

12.2 Behaviour in environmental

compartments : No data available

12.3 Ecotoxic effects

12.3.1 Fish toxicity

12.3.1.1 Examinations : No data available

12.3.1.2 Remarks : No data available

12.3.2 Daphnia toxicity

12.3.2.1 Examinations : No data available

12.3.2.2 Remarks : No data available

12.3.3 Algae toxicity

12.3.4 12.3.3.1 Examinations : No data available

12.3.3.2 Remarks : No data available

12.3.4 Bacteria toxicity

12.3.4.1 Examinations : No data available

12.3.4.2 Remarks : No data available

12.3.5 Behaviour in sewage treatment plants: No data available

12.4 Further ecological information

12.4.1 Organic carton (DOC-value) : mg/g
Remark : No data available

12.4.2 Chemical oxygen demand (COD-value) : mg/g
Remark : No data available

12.4.3 Biochemical oxygen demand(BOD5-value: mg/g
Remark : No data available

12.4.4 AOX-advice : No data available

12.4.5 Contains following heavy metals
and compounds of EG-regulation

No. 76/464 EWG : None

12.5 General remarks : Ecological data are not available

13. Disposal considerations

13.1 Disposal Considerations

13.1.1 Advices : In accordance with regulations for special waste, must be taken, after pretreatment, to an authorised special waste incineration plant.

13.1.2 Waste code : 55907

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13.2 Disposal of contaminated packaging

13.2.1 Advices : Special waste disposal

13.2.2 Waste code :

13.2.3 Recommended cleansing agent : Solventnaphtha

14. Transport information

14.1 Land transport ADR/RID and DOT/DGT (crossing frontier/home)

14.1.1 Class :

14.1.2 Figure/Letter :

14.1.3 Hazard No. :

14.1.4 Material No. :

14.1.5 Product named :

14.1.6 Hazard ticket :

14.1.7 Remark : No hazardous transport freight according to ADR/RID

14.2 Inland waterways transport ADB/ADNR

14.2.1 Class :

14.2.2 Figure Letter :

14.2.3 Category :

14.2.4 Product Name :

14.2.5 Remark : No hazardous transport freight

14.3 Sea transport IMDG/GGVSea

14.3.1 Class :

14.3.2 UN-No :

14.3.3 Packing Group :

14.3.4 EMS-No :

14.3.5 MFAG :

14.3.6 Marine pollutant :

14.3.7 Correct technical name :

14.3.8 Hazard release :

14.3.9 Label :

14.3.10 Remark : No hazardous transport freight according to IMDG/GGVSee

14.4 Aircraft transport ICAO-TI and IATA-DGRA

14.4.1 Class :

14.4.2 Sub. risc :

14.4.3 UN/ID-No :

14.4.4 Correct technical name :

14.4.5 Packing Group :

14.4.6 Packing instructions No. passenger :

14.4.7 Packing instructions No. cargo :

14.4.8 Label :

14.4.9 Remark : No data available

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15. Regulatory information

15.1 Data for labelling ac.GefStoffy / EC-regulations

15.1.1 Labelling : The product is classified and labelled in accordance with EC directives / the relevant national laws.

15.1.2 Special labelling for certain preparations : Not applicable

15.1.3 Hazard symbols : Does not apply

15.1.4 Hazardous components to be indicated on label contains :

15.1.5 R-Phrases:
R 10 : Flammable

15.1.6 S-Phrases
S 25 : Avoid contact with eyes.

This information is based on our present state of knowledge. They describe our product in view of the requirements for safety. They do not assure of certain properties of the product. A legal relationship is not vested.