

SAFETY DATA SHEET

(Conforming to 1907/2006/EC)

Product Name:

GARLA-FLEX

SDS Reference

Version No. 3 Initial issue date July 2008 Revision date 01-06-2015

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

1.1 Product Name Garla-Flex (Product No. 9332)

1.2 Relevant Use(s)/misuse(s) Sealant.

The Garland Company UK Ltd

1.3 SDS Supplier

Title Garland Company OK Etd
Unit 5 Glevum Works
Upton Street, Gloucester

Telephone: 01452 330646
Mobile: 07887 923 121

GL1 4LA, UK

Website: www.garlandukltd.co.uk

1.4 Emergency Telephone 44 (0)1452 330646 (Office hours) **Competent person e-mail:** trevor@rising-hsande.co.uk

2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE MIXTURE

2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP/GHS)

Flam Liq. 3 H226 Asp. Tox. H304

2.1.2 Additional information

See section 16 for full text of H statements.

2.2 LABELLING ELEMENTS

2.2.1 Labelling in accordance with EC Regulation No 1272/2008 (CLP/GHS)

Pictogram(s):





Signal word

DANGER

Hazard H226 FLAMMABLE LIQUID AND VAPOUR.

statement(s) H304 MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS

Precautionary P210 KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOTSURFACES. — NO statement(s) SMOKING.

P280 WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE

PROTECTION/FACE PROTECTION.

P308+313 IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION.

P501 DISPOSE OF CONTENTS/CONTAINER TO HAZARDOUS OR SPECIAL WASTE COLLECTION SITE IN ACCORDANCE WITH LOCAL / REGIONAL /

NATIONAL OR INTERNATIONAL REGULATIONS

2.3 OTHER HAZARDS THE PREPARATION CONTAINS SUBSTANCES THAT HAVE A WORKPLACE

EXPOSURE LIMIT (WEL)

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3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS-No	EINECS/ELINCS	Classification	Concentration
Cnemical Characterisation	MIXTURE			

14808-60-7

PETROLEUM ASPHALT 8052-42-4 232-490-9 Not classified 30-60%

238-878-4

PETROLEUM NAPHTHA, LIGHT 64742-95-6 **AROMATIC**

Flam. Liq. 3 H226; Asp. 265-199-0 10-30% Tox. 1 H304

Not classified

0.1-1.0%

4. FIRST AID MEASURES

Chemical Characterisation

CRYSTALLINE QUARTZ

4.1 Description of

measures

Inhalation Move the exposed person to fresh air at once. Get medical attention if any discomfort

continues.

Skin contact Clean areas of skin affected with plenty of water. If necessary, seek medical advice.

Eye contact Wash out eye thoroughly with plenty of water until irritation subsides. If necessary (e.g.

irritation persists), consult an eye specialist/ophthalmologist.

Allow the patient to vomit on his own accord. Give copious water to drink; If necessary, Ingestion

seek medical advice.

4.2 Most important effects/symptoms

Vapours may cause drowsiness and dizziness.

4.3 Immediate/special

treatment

Treatment as described above.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media To suit local surroundings (e.g. foam, carbon dioxide, dry powder or water fog). Do not

use strong water jet.

5.2 Special hazards Avoid run-off water entering the drains (e.g. use barriers). Carbon monoxide (CO). Carbon

dioxide (CO2). Hydrocarbons are released in a fire

5.3 Advice for fire fighters Wear self-contained breathing apparatus. Containers close to fire should be removed

immediately or cooled with water.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions Adhere to personal protective measures.

6.2 Environmental

precautions

Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.

6.3 Methods and materials for

cleaning up

Adhere to personal protective measures. Take up with absorbent material, e.g. sand, sawdust, into tightly closed containers. Label container and dispose of as prescribed

6.4 Reference to other

sections

See section 8 for personal protective equipment.

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7. HANDLING & STORAGE

7.1 Precautions for safe

handling

Handle in accordance with good hygiene and safety practice. Take precautionary

measures against static discharges. Avoid contact with oxidising agents.

7.2 Conditions for safe

storage

Keep containers tightly closed and in cool, dry, well-ventilated areas.

7.3. Specific end use(s) Sealant

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Controls parameters

LTEL (8 hour TWA):

0.1 mg/m³ WEL data for crystalline uartz

LTEL (8 hour TWA):

5 mg/m³ WEL data for petroleum asphalt

STEL (15 min.):

10 mg/m³ WEL data for petroleum asphalt

8.2 Exposure controls

Engineering controls Provide adequate ventilation (e.g. local exhaust ventilation).

Avoid the build-up of electrostatic charges.

Personal protection Observe normal standards for handling chemicals.

Do not eat, drink or smoke in the working area

Avoid inhalation of vapours/spray

Wash hands before breaks and after work.

Wear personal protective equipment appropriate to the task (see below)

Eye protection Safety goggles (i.e. EN 166 approved)

Skin protection Suitable gloves (also consider your own risk assessment; e.g.

breakthrough times, rates of diffusion and degradation, tasks

undertaken)

Respiratory protection

If ventilation is insufficient, wear a NIOSH/OSHA respirator

Other protection

Protective overall

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Basic physical and chemical properties

Physical form Thixotropic liquid.

Colour Off white.

Odour Mild

Odour threshold Not determined

pH Not determined

Boiling pt / range 149°C - 179° °C

Melting pt / range Not determined °C

Flash point 38°C TCC (Tag closed cup).

Flammability Not applicable
Thermal decomposition Not applicable
Evaporation rate 0.1 (ButAc=1)

Explosion limits Not determined Lower: Upper:



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9. PHYSICAL AND CHEMICAL PROPERTIES

Auto-ignition temperature 282°C

Decomposition temp. Not applicable

Relative density 0.96

Vapour pressure 10 mm Hg @ 37.7°C

Vapour density 4.3

Viscocity Not determined

Water solubility Insoluble

Explosive propertiesNot determinedOxidising propertiesNot determinedPartition coeff. Logoct/waterNot determined

9.2 Other information Volatile By Vol. (%); 23-27%

10. STABILITY AND REACTIVITY

10.1 Reactivity Stable under normal conditions of handling.

10.2 Chemical stability Avoid contact with strong oxidisers. Avoid heat, flames and other sources of ignition.

10.3 Hazardous reactions Will not polymerise.

10.4 Conditions to avoidAvoid heat, flames and other sources of ignition.

10.5 Incompatible material Strong oxidising agents

10.6 Hazardous

decomposition products

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO2). Hydrocarbons.

11. TOXICOLOGICAL INFORMATION

11.1 information on toxicological effects

Acute toxicity LD₅₀ rat (oral) 500 mg/kg Quartz ESIS IEUCLID data sheet.

Dermal compatibility No data available. May cause slight skin irritation

Mucous membrane

compatibility

No data available. May cause slight eye irritation

Further information Vapours may cause headache, fatigue, dizziness and nausea.

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12. ECOLOGICAL INFORMATION

>1000 12.1 Toxicity EC₅₀ Daphnia magna mg/l 48hr petroleum asphalt**

12.2 Degradability Not determined 12.3 Bioaccumutive potential Not determined 12.4 Mobility in soil Not determined 12.5 PBT/vPvB assessment Not determined

12.6 Other adverse effects Do not allow to get into waste water or waterways; if this occurs, inform the relevant

water authority at once.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment measures

Advice on disposal In accordance with national and local authority regulations, e.g. The Hazardous Waste

(England & Wales) Regulations 2005. Treat empty containers in the same way as the

product or if possible wash out thoroughly and recycle.

14. TRANSPORT INFORMATION

14.1 United Nations number UN1999

ADR, IMDG, IATA

14.2 Proper shipping name

ADR, IMDG, IATA

TARS, LIQUID

14.3 Transport class(s)

ADR, IMDG, IATA

14.4 Packing group Ш

ADR, IMDG, IATA

3

14.5 Environmental hazards

ADR, IMDG, IATA

The product should not be marked as a marine pollutant

14.6 Special procedures

ADR, IMDG, IATA

14.7 Transport in bulk

ADR, IMDG, IATA

None known.

Not applicable

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations The product is classified in accordance with EC Regulation 1272/2008 (CLP), Other regulatory information and provisions are not applicable for this product.

15.2 Chemical safety

assessment

Not applicable



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16. OTHER INFORMATION

Further information

The SDS has been revised in accordance with EC Regulation 1272/2008 (CLP)

Hazard statements referred to in sections 2-15

H226 Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways .

Sources of data Other suppliers' safety data sheets, EH40(2011)

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Data sheet prepared by Rising HS&E Services.