

System 800

NEWTON 801-M MASTIC SEALANT

Sealing Mastic

Rev 2.0 - 12 January 2016

PRODUCT CODE - A18

1. Identification of the substance/mixture and of the company/undertaking

- Trade name Newton 801-M Mastic Sealant
- Relevant identified uses Professional use
- Uses advised against No additional information available
- Company Address Newton Waterproofing Systems, Newton House, 17-19 Sovereign Way, Tonbridge, Kent TN9 1RH
- Web www.newtonwaterproofing.co.uk
- Email address of the competent person info@newtonwaterproofing.co.uk
- Emergency telephone number +44 (0)1732 360 095
9am - 5pm (GMT) Mon - Fri

2. Hazards identification

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

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

LABEL ELEMENTS

- Labelling according to Regulation (EC) No. 1272/2008 [CLP]
 - EUH phrases : EUH208 - Contains Methyl tris-(methyl ethyl ketoximo) silane, Tetrakis(methylethylketoximino)silane, 3-aminopropyltriethoxysilane, 3-(2-aminoethylamino)propyltrimethoxysilane. May produce an allergic reaction
EUH210 - Safety data sheet available on request
- Other hazards No additional information available

3. Composition/information on ingredients

- Substance Not applicable
- Mixture

Name	Product identifier	%	Classification	Specific concentration limits
Methyl tris-(methyl ethyl ketoximo) silane	(CAS No) 22984-54-9 (EC no) 245-366-4 (REACH-no) 01-2119987100-43	1 - 5	Eye Irrit. 2, H319 Skin Sens. 1, H317 STOT RE 2, H373	(C >= 3,755) Skin Sens. 1, H317
2-Pentanone, O,O',O''-(methylsilylidyne)trioxime	(CAS No) 37859-55-5 (EC index no) 484-460-1	0,1 - 2,5	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 STOT RE 2, H373	

Full text of H-phrases: see section 16

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4. First aid measures

DESCRIPTION OF FIRST AID MEASURES

- First-aid measures after inhalation Move to fresh air
- First-aid measures after skin contact Wash skin with mild soap and water
- First-aid measures after eye contact Rinse immediately with plenty of water. If eye irritation persists: Get medical advice/attention
- First-aid measures after ingestion Rinse mouth

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

- Symptoms/injuries after inhalation Not expected to present a significant inhalation hazard under anticipated conditions of normal use
- Symptoms/injuries after skin contact Not expected to present a significant skin hazard under anticipated conditions of normal use
- Symptoms/injuries after eye contact Not expected to present a significant eye contact hazard under anticipated conditions of normal use
- Symptoms/injuries after ingestion Not expected to present a significant ingestion hazard under anticipated conditions of normal use

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

- No additional information available

5. Firefighting measures

EXTINGUISHING MEDIA

- Suitable extinguishing media All extinguishing media allowed

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

- Fire hazard : Not flammable Not combustible

ADVICE FOR FIREFIGHTERS

- No additional information available

6. Accidental release measures

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

- General measures Wear suitable protective clothing and gloves
- For non-emergency personnel No additional information available
- For emergency responders No additional information available

ENVIRONMENTAL PRECAUTIONS

- Avoid release to the environment.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

- Methods for cleaning up Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal

REFERENCE TO OTHER SECTIONS

- No additional information available

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7. Handling and storage

PRECAUTIONS FOR SAFE HANDLING

- Precautions for safe handling Do not eat, drink or smoke when using this product.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

- Storage conditions Store tightly closed in a dry and cool place
- Maximum storage period 12 months
- Storage temperature 5 - 25 °C

SPECIFIC END USE(S)

- No additional information available

8. Exposure controls/personal protection

CONTROL PARAMETERS

METHANOL (67-56-1)

EU	IOELV TWA (mg/m ³)	260 mg/m ³
EU	IOELV TWA (ppm)	200 ppm
EU	Skin	
United Kingdom	WEL TWA (mg/m ³)	266 mg/m ³
United Kingdom	WEL TWA (ppm)	200 ppm
United Kingdom	WEL STEL (mg/m ³)	333 mg/m ³
United Kingdom	WEL STEL (ppm)	250 ppm

EXPOSURE CONTROLS

- Personal protective equipment Gloves. Safety glasses.
- Hand protection In case of repeated or prolonged contact wear gloves
- Eye protection Safety glasses
- Respiratory protection Ensure adequate ventilation, especially in confined areas.
No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation



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9. Physical and chemical properties

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

- Physical state Liquid
- Appearance Paste
- Colour Transparent. Clear
- Odour Characteristic
- Density 1,4 g/cm³
- Solubility Water: Insoluble

OTHER INFORMATION

- No additional information available

10. Stability and reactivity

- Reactivity No dangerous reactions known under normal conditions of use
- Chemical stability Stable under normal conditions
- Possibility of hazardous reactions None under normal use
- Conditions to avoid No additional information available
- Incompatible materials No additional information available
- Hazardous decomposition products None under normal conditions

11. Toxicological information

INFORMATION ON TOXICOLOGICAL EFFECTS

- Acute toxicity Not classified

METHYL TRIS-(METHYL ETHYL KETOXIMO) SILANE (22984-54-9)

LD50 oral rat 2463 mg/kg (OECD 401 method)

LD50 dermal rat > 2000 mg/kg (OECD 402 method)

- Skin corrosion/irritation Not classified
- Serious eye damage/irritation Not classified
- Respiratory or skin sensitisation Not classified
- Germ cell mutagenicity Not classified
- Carcinogenicity Not classified

METHYL TRIS-(METHYL ETHYL KETOXIMO) SILANE (22984-54-9)

NOAEL (chronic, oral, animal/male, 2 years) > 692,06 mg/kg bodyweight (OECD 414 method)

NOAEL (chronic, oral, animal/female, 2 years) > 230,69 mg/kg bodyweight (OECD 416 method)

- Reproductive toxicity Not classified

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- Specific target organ toxicity (single exposure)
Not classified
- Specific target organ toxicity (repeated exposure)
Not classified

METHYL TRIS-(METHYL ETHYL KETOXIMO) SILANE (22984-54-9)

NOAEL (oral, rat, 90 days)

29 mg/kg bodyweight/day (OECD 408 method)

- Aspiration hazard
Not classified

12. Ecological information

TOXICITY

METHYL TRIS-(METHYL ETHYL KETOXIMO) SILANE (22984-54-9)

LC50 fish 1

96h \geq 120 mg/l *Oncorhynchus mykiss* (Rainbow trout)

EC50 Daphnia 1

48h 231,84 mg/l (OECD 202 method)

EC50 other aquatic organisms 1

72h 18,45 mg/l (OECD 201 method)

LC50 fish 2

96h 972,34 mg/l (OECD 203 method)

ErC50 (algae)

72h 94 mg/l *Pseudokirchneriella subcapitata*

NOEC (acute)

57,67 mg/l (OECD 204 method)

NOEC (chronic)

\geq 115,34 mg/l (OECD 211 method)

PERSISTENCE AND DEGRADABILITY

METHYL TRIS-(METHYL ETHYL KETOXIMO) SILANE (22984-54-9)

Biodegradation

28d 20 % (OECD 301C method)

BIOACCUMULATIVE POTENTIAL

METHYL TRIS-(METHYL ETHYL KETOXIMO) SILANE (22984-54-9)

Log Pow

9,83

MOBILITY IN SOIL

METHYL TRIS-(METHYL ETHYL KETOXIMO) SILANE (22984-54-9)

Log Pow

5,481 EPA (Environmental Protection Agency)

RESULTS OF PBT AND VPVB ASSESSMENT

- No additional information available

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OTHER ADVERSE EFFECTS

- No additional information available

13. Disposal considerations

WASTE TREATMENT METHODS

- Regional legislation (waste) Disposal must be done according to official regulations.
- European List of Waste (LoW) code 08 04 09* - waste adhesives and sealants containing organic solvents or other dangerous substances 08 04 10 - waste adhesives and sealants other than those mentioned in 08 04 09

14. Transport information

IN ACCORDANCE WITH ADR / RID / IMDG / IATA / ADN

- UN number Not regulated for transport
- UN proper shipping name Not applicable
- Transport hazard class(es) Not applicable
- Packing group Not applicable
- Environmental hazards Dangerous for the environment: No
No supplementary information available
- Special precautions for user Overland transport - No data available
- Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code Not applicable

15. Regulatory information

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

- EU-Regulations Contains no substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances
- National regulations No additional information available

CHEMICAL SAFETY ASSESSMENT

- No additional information available

16. Other information

FULL TEXT OF H- AND EUH-PHRASES

- Acute Tox. 4 (Oral) Acute toxicity (oral), Category 4
- Eye Irrit. 2 Serious eye damage/eye irritation, Category 2
- Skin Sens. 1 Sensitisation — Skin, category 1
- STOT RE 2 Specific target organ toxicity — Repeated exposure, Category 2
- H302 Harmful if swallowed
- H317 May cause an allergic skin reaction
- H319 Causes serious eye irritation
- H373 May cause damage to organs through prolonged or repeated exposure
- EUH208 Contains . May produce an allergic reaction
- EUH210 Safety data sheet available on request