

System 300

NEWTON 309-M

Adhesive Mastic

Rev 1.0 - 28 October 2015

PRODUCT CODE - 309-M

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

PRODUCT IDENTIFIER

- Product form Mixture
- Trade name Newton 309-M Adhesive

RELEVANT IDENTIFIED USES

- Identified use Adhesive mastic
- Main use category Professional use
- Uses advised against No additional information available

DETAILS OF THE SUPPLIER

- 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

- EUH-statements
EUH208 - Contains Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate, 3-(2-aminoethylamino)propyltrimethoxysilane, N-(2-aminoethyl)-N'-[3-(trimethoxysilyl)propyl]ethylenediamine. May produce an allergic reaction
EUH210 - Safety data sheet available on request

OTHER HAZARDS

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

3. Composition/Information on Ingredients

- Substance Not applicable

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- Mixture

Chemical name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Vinyltrimethoxysilane		2768-02-7	220-449-8	01-2119513215-52	1 - 2.5%	Fam. Liq. 3: H226 Acute Tox. 4 (Inhalation): H332
3-(2-aminoethylamino)propyltrimethoxysilane		1760-24-3	217-164-6		1 - 2.5%	Acute Tox. 4 (Inhalation): H332 Eye Dam. 1: H318 Skin Sens. 1: H317

- Specific concentration limits

Chemical name	Index No.	CAS No.	EC No.	REACH Registration Number	Specific concentration limits
3-(2-aminoethylamino)propyltrimethoxysilane		1760-24-3	217-164-6		(C >= 3) Eye Dam. 1, H318 (C >= 3) Skin Sens. 1, H317

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 with plenty of soap and water
- First-aid measures after eye contact Wash with plenty of soap and 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 May cause slight irritation
- Symptoms/injuries after ingestion Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

No additional information available

5. Firefighting Measures

- Suitable extinguishing media All extinguishing media allowed
- Fire hazard Not combustible
- Advice for firefighters Wear suitable protective clothing. Wear respiratory protection

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6. Accidental Release Measures

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

- General measures Equip cleanup crew with proper protection. Wear respiratory protection
- For non-emergency personnel No additional information available
- For emergency responders No additional information available

ENVIRONMENTAL PRECAUTIONS

- Environmental precautions No additional information available

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

- Methods for cleaning up On land, sweep or shovel into suitable containers
- Reference to other sections No additional information available

7. Handling and Storage

- Precautions for safe handling Avoid any direct contact with the product
- Hygiene measures Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

- Storage conditions Store in dry, well-ventilated area
- Specific end use(s) No further relevant information available

8. Exposure Controls/Personal Protection

CONTROL PARAMETERS

Ingredients	WEL TWA (United Kingdom)	WEL STEL (United Kingdom)	IOELV TWA (EU)
Methanol (67-56-1)	266 mg/m ³ 200 ppm	333 mg/m ³ 250 ppm	260 mg/m ³ 200 ppm
Titanium dioxide (13463-67-7)	10 mg/m ³ inhalable dust 4 mg/m ³ respirable dust		
Calcium carbonate (471-34-1)	10 mg/m ³ inhalable dust 4 mg/m ³ respirable dust		
Silica (7631-86-9/112945-52-5)	6 mg/m ³ inhalable dust 2.4 mg/m ³ respirable dust		
Tetramethylorthosilicate (681-84-5)	6.3 mg/m ³ 1 ppm	32 mg/m ³ 5 ppm	

EXPOSURE CONTROLS

- Personal protective equipment Gloves. Safety glasses.
- Hand protection In case of repeated or prolonged contact wear gloves
- Eye protection Safety glasses
- Skin and body protection No special clothing/skin protection equipment is recommended under normal conditions of use
- Respiratory protection No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation



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- Other information Do no eat, drink or smoke when using this product

9. Physical and Chemical Properties

- Physical state Liquid
- Appearance Paste
- Colour According to product specification
- Odour Characteristic
- Solubility in water Practically insoluble
- Other information No additional information available

10. Stability and Reactivity

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

11. Toxicological Information

- Acute toxicity

Acute toxicity	LD50 value (Oral - rat)	LD50 value (Dermal - rabbit)	LC50 value (inhalation - rat - dust/mist)
Vinyltrimethoxysilane (2768-02-7)	7120 mg/kg	3540 mg/kg	16.8 mg/l/4h

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

12. Ecological Information

- Toxicity

Aquatic toxicity	LC50 fish 1	EC50 Daphnia 1	EC50 other aquatic organisms 1
Vinyltrimethoxysilane (2768-02-7)	191 mg/l	168.7 mg/l	210 mg/l

- Persistence and degradability: No additional information available
- Bioaccumulative potential: No additional information available
- Mobility in soil: No additional information available
- Results of PBT assessment: This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
- Results of vPvB assessment: This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
- Other adverse effects: No additional information available

13. Disposal Considerations

- Regional legislation (waste): Disposal must be done according to official regulations

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: Not dangerous for the environment

SPECIAL PRECAUTIONS FOR USER

- Transport regulations (ADR): Not classified
- Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable

15. Regulatory Information

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

- EU-Regulations: Contains no REACH 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-statements: Acute Tox. 4 (Inhalation) - Acute toxicity (inhal.), Category 4
Eye Dam. 1 - Serious eye damage/eye irritation, Category 1
Flam. Liq. 3 - Flammable liquids, Category 3
Skin Sens. 1 - Sensitisation — Skin, category 1
H226 Flammable liquid and vapour
H317 May cause an allergic skin reaction
H318 Causes serious eye damage
H332 Harmful if inhaled
EUH208 Contains . May produce an allergic reaction
EUH210 Safety data sheet available on request