

# SAFETY DATA SHEET

ACCORDING TO REGULATIONS 1907/2006 (REACH); 1272/2008 & 453/2010 (CLP)

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1	Product identifier	Trade name: flomasta Pipe Thread Seal 50g SKU-4373J EAN-5024227700104
1.2	Relevant identified uses of the substance or mixture and uses advised against	Anaerobic adhesive – gluing, sealing and locking metal/plastic parts
1.3	Details of the supplier of the safety data sheet	Lettergold Water Treatment Solutions LLP Unit 4 Hammond Close Newmarket CB8 0AZ Telephone: 01638 666 888 Email: SDS@Lettergold.co.uk
1.4	Emergency telephone number	0845 880 60 50 Only available during office hours


## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture


2.1.1	Classification according to regulation (EC) No 1272/2008 (CLP)	Classified as a health hazard Skin Irrit. 2 – H315; Eye Irrit. 2 – H319; Skin Sens. 1 – H317; STOT SE 3 – H335
2.1.2	Classification according to Directive 1995/45/EC	Classified as hazardous (See section 2.2.2 for full classification)
2.1.3	Additional information	None

## 2.2 Label elements

### 2.2.1 According to regulation (EC) 1272/2008 & 453/2010 (CLP)

Hazard pictograms	
Signal words	Warning
Hazard statements	H315 Causes skin irritation H317 May cause an allergic skin reaction H319 Causes serious eye irritation H335 May cause respiratory irritation
Precautionary statements	P102 Keep out of reach of children P271 Use only outdoors or in a well-ventilated area P280 Wear protective gloves/protective clothing/eye protection/face protection P302+P352 IF ON SKIN: Wash with soap and water P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing P333+P313 If skin irritation or rash occurs: Get medical advice/attention P405 Store locked up P501 Dispose of contents/container in accordance with national regulations
Contains	Methacrylic acid, monoester with propane-1,2-diol, 2-hydroxyethyl methacrylate
Supplementary precautionary statements	P261 Avoid breathing vapour/spray P264 Wash contaminated skin thoroughly after handling P272 Contaminated work clothing should not be allowed out of the workplace P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing P312 Call a POISON CENTER/doctor if you feel unwell P321 Specific treatment (see medical advice on this label) P332+P313 If skin irritation occurs: get medical advice/attention P337+P313 If eye irritation persists: get medical advice/attention P362+P364 Take off contaminated clothing and wash it before reuse P403+P233 Store in a well-ventilated place. Keep container tightly closed

2.2.2 According to directive 67/548/EEC & 1999/45/EC

Hazard symbols	
Risk phrases	<p>R36/37/38 Irritating to eyes, respiratory system and skin  R43 May cause sensitisation by skin contact</p>
Safety phrases	<p>S23 Do not breath vapours  S24/25 Avoid contact with skin and eyes  S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  S28 After contact with skin, wash immediately with plenty of water and soap  S37/39 Wear suitable gloves and eye/face protection</p>
Additional warnings	<p>S2 Keep out of reach of children  S46 If swallowed, seek medical advice immediately and show this container or label  S51 Use only in well ventilated areas</p>

### SECTION 3: Composition/information on ingredients

Product definition: Mixture

#### 3.1 Substance

Not applicable

#### 3.2 Mixture

CAS no	EINEC S	%w/w	Name	67/548/EEC classification	(EC) No1272/2008 classification
27813-02-1	248-666-3	20 - 30	Methacrylic acid, monoester with propane-1,2-diol	Xi; R36/38; R43	Skin Sens. 1 H317 Eye Irrit. 2 H319
868-77-9	212-782-2	5 - 15	2-Hydroxyethyl Methacrylate	Xi; R36/38; R43	Eye Irrit. 2 H319 Skin Irrit. 2 H315 Skin Sens. 1 H317
80-15-9	201-254-7	0.5 - 1	Cumene hydroperoxide	O; R7 T; R23 Xn; R21/22 – 48/20/20 C; R34 N; R51-53	Org. Perox. E H242 Acute Tox. 3 H331 Acute Tox. 4 H312 Acute Tox. 4 H302 STOT-RE 2 H373 Skin Corr. 1B H314 Aquatic Chronic 2 H411
79-10-7	201-177-9	0.5 - 1	Acrylic acid	F; R10 Xn; R20/21/22 C; R35 N; R50	Flam Liq. 3 H226 Ac. Tox. 4 H302 Ac. Tox. 4 H312 Skin Corr. 1A H314 Ac. Tox. 4 H332 Aquatic Acute 1 H400
114-83-0	204-055-3	0.01 – 0.03	2'-phenylacetohydrazine	Xn; R22; R36/37/38; R43	Acute Tox. 3 H301 Skin Irrit. 2 H315 Eye Irrit. 2 H319 Skin Sens. 1 H317 STOT SE 3 H335

Additional information: For full text of H-statements and R-phrases: see section 16

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

Following inhalation	Remove to fresh air. Treat any irritations symptomatically. If necessary consult a doctor
Following skin contact	Wash off immediately with plenty of soap and water
Following eye contact	Irrigate with cool water for at least 15 minutes
Following ingestion	DO NOT INDUCE VOMITING. Rinse with copious amounts of water. Drink 2 glasses of water. Seek medical attention
Self-protection of the first aider	Wear protective clothing as detailed in section 8.

#### 4.2 Most important symptoms and effects, both acute and delayed

May cause eye irritation

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

If you feel unwell seek medical advice immediately

### SECTION 5: Fire-fighting measures

5.1	Extinguishing media	This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.
5.2	Special hazards arising from the substance or mixture	None known
5.3	Advice for firefighters	Self contained breathing apparatus and full protective clothing must be worn in case of fire.

### SECTION 6: Accidental release measures

6.1	Personal precautions, protective equipment and emergency procedures	Wear protective clothing as detailed in section 8.
6.2	Environmental precautions	Spillages or uncontrolled discharges into watercourses must be immediately alerted to the Environmental Agency or other appropriate regulatory body.
6.3	Methods and material for containment and cleaning up	Absorb spillages into sand, earth or any suitable absorbent material. Wash spill area with soapy water.
6.4	Reference to other sections	Wear protective clothing as detailed in section 8.

## SECTION 7: Handling and storage



7.1	Precautions for safe handling	Avoid spilling, skin and eye contact.
7.2	Conditions for safe storage, including any incompatibilities	Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from freezing, store at temperature above 5°C Keep away from oxidizing bases (strong); amines
7.3	Specific end use(s)	The identified uses for this product are detailed in Section 1.2

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Ingredient	Cas No	Classification
2'-phenylacetohydrazine	114-83-0	STOT SE 3; H335 May cause respiratory system irritation
Acrylic acid	79-10-7	

### 8.2 Exposure controls

8.2.1	Appropriate engineering controls	Avoid spilling, skin and eye contact.	
8.2.2	Personal protection	 Goggles giving complete protection to eyes (EN166)	 Protective gloves (nitrile rubber) (EN374)

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance	Liquid
Colour	Green
Odour	Faint
Relative density	Green 1.09
Solubility (water)	Immiscible in water

### 9.2 Other information

Volatile organic compounds (VOCs): <3% (1999/13/EC)

## SECTION 10: Stability and reactivity

10.1	Reactivity	No information available
10.2	Chemical stability	Stable under normal conditions of use and storage
10.3	Possibility of hazardous reactions	Oxidising bases (strong); amines
10.4	Conditions to avoid	Avoid excessive heat
10.5	Incompatible materials	Oxidising bases (strong); amines
10.6	Hazardous decomposition products	May give off toxic fumes in a fire. Carbon monoxide. Carbon dioxide

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Ingestion	May cause discomfort
Inhalation	May irritate the respiratory system
Skin contact	May irritate the skin; May cause sensitisation
Eye contact	May cause irritation to the eye

## SECTION 12: Ecological information

12.1	Toxicity	Do not empty into drains and surface and ground waters Hazardous to the aquatic environment
12.2	Persistence and degradability	Not biodegradable
12.3	Bioaccumulative potential	No information available
12.4	Mobility in soil	Once polymerised, anaerobic products are immobile
12.5	Result of PBT and vPvB assessment	This mixture does not contain any substances that are assessed to be a PBT or a vPvB
12.6	Other adverse effects	No information available

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Dispose of waste and residues in accordance with local authority regulations

### 13.2 European waste catalogue

Disposal of product: European Waste Catalogue 16 03 06  
Disposal of packaging: European Waste Catalogue 15 01 02

Taking into consideration the local authority regulations, the spent container may be disposed of with household refuse providing it has been rinsed.

Disposal of packaging as municipal waste (having been rinsed): European Waste Catalogue 20 01 39

## SECTION 14: Transport information

14.1	UN number	Not classified
14.2	UN proper shipping name	None
14.3	Transport hazard classes	None
14.4	Packing group	None
14.5	Environmental hazards	Not classified as a marine pollutant
14.6	Special precautions for user	None
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable



## SECTION 15: Regulatory information

15.1	Safety, health and environmental regulations/ legislation specific for the substance or mixture	Regulations 1907/2006 (REACH) 1272/2008 & 453/2010 (CLP) Regulation (EC) No 1272/2008 (CLP) Directive 1995/45/EC  None of the components listed in Annex XIV (SVHC) are present in the mixture
15.2	Chemical Safety Assessment	No chemical safety analysis has been carried out for this mixture by the supplier

## SECTION 16: Other information

Indication of changes

Revised ANNEX II, from 1<sup>ST</sup> December 2010

Abbreviations and acronyms

ACLG	Approved Classification and Labelling Guide
CAS No	Chemical Abstracts Service Number
CLP	Classification Labelling Packaging Regulations (EC) No 1272/2008
EC No	EINECS Number
EINECS	European Inventory of Existing Commercial Substances
PBT	Persistent, Bioaccumulative and Toxic substance
SDS	Safety Data Sheet
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulations
SVHC	Substances of Very High Concern
UN	United Nations
vPvB	Very Persistent and Very Bioaccumulative

Relevant R-phrases and/or H-statements for pure substances listed in section 3

Risk phrases in full

R7 May cause fire
R10 Flammable
R20/21/22 Harmful by inhalation, contact with the skin and if swallowed.
R21/22 Harmful in contact with the skin and if swallowed.
R22 Harmful if swallowed
R23 Toxic by inhalation
R34 Causes burns
R35 Causes severe burns
R36/37/38 Irritating to eyes, respiratory system and skin.
R43 May cause sensitisation by skin contact.
48/20/22 Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.
R50 Very toxic to aquatic organisms
R51-53 toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment

Full text of classifications [67/548/EEC]

Xi	Irritant
F	Flammable
Xn	Harmful
C	Corrosive
N	Danger for the Environment
O	Oxidising
T	Toxic

Hazard statements in full

H226 Flammable Liquid And Vapour
H301 Toxic If Swallowed
H302 Harmful If Swallowed
H312 Harmful In Contact With The Skin.
H314 Causes Severe Skin Burns And Eye Damage
H315 Causes Skin Irritation
H317 May Cause An Allergic Skin Reaction.
H319 Causes Serious Eye Irritation
H242 Heating May Cause Fire.
H301 Toxic If Swallowed
H331 Toxic If Inhaled.
H332 Harmful If Inhaled
H335 May Cause Respiratory Irritation
H373 May Cause Damage To Organs Through Prolonged Exposure
H400 Very Toxic To Aquatic Life
H411 Toxic To Aquatic Life With Long-Lasting Effects.

Full text of classifications [1272/2008]

Eye Irrit. 2 H319	Eye irritant category 2 H319
Skin Irrit. 2 H315	Skin irritant category 2 H315
Skin Sens. 1 H317	Skin sensitization category 1 H317
Flam Liq. 3;H226	Flammable liquid category 3 H226
Skin Corr. 1A; H314	Skin corrosion category 1A H314
Ac. Tox. 4; H332	Acute toxicity category 4 H332
Aquatic Acute 1 H400	Hazardous to the aquatic environment – hazard category 1; H400
Org. Perox. E H242	Organic peroxides type E H242
Acute Tox. 3 H331	Acute toxicity category 3 H331
Acute Tox. 4 H312	Acute toxicity category 4 H312
Acute Tox. 4 H302	Acute toxicity category 4 H302
STOT RE 2 H373	Specific target organ toxicity - repeated exposure 2 H373
Skin Corr. 1B H314	Skin corrosion category 1B H314
Aquatic Chronic 2 H411	Hazardous to the aquatic environment – hazard category 2 H411
Acute Tox. 3 H301	Acute toxicity category 3 H301
STOT SE 3 H335	Specific target organ toxicity - single exposure - category 3 H335

Source of key data used to compile SDS:  
 Raw material suppliers' safety data sheets  
 An introduction to CHIP 4  
 Approved Classification and Labelling Guide (Sixth edition)

This information is based on the present state of our knowledge.