


SAFETY DATA SHEET

Masterflux[®]

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

- 1.1 Product identifier Scalemaster Masterflux Heat Activated Paste Flux 250g
- 1.2 Relevant identified uses of the substance or mixture and uses advised against Plumbing and pipe-work construction
- 1.3 Details of the supplier of the safety data sheet
Scalemaster Limited
Emerald Way
Stone Business Park
STONE
Staffordshire ST15 0SR
Tel: 01785 811636
Email: info@scalemaster.co.uk
Web: www.scalemaster.co.uk
- 1.4 Emergency telephone number 01785 811636
Only available during office hours

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture
- Classification according to regulation (EC) No 1272/2008 (CLP) Eye Irrit. 2: H319 Causes serious eye irritation
- Classification according to directive 1999/45/EC Xi; R36
Symbols: Xi: Irritant.
- 2.2 Label elements
- According to regulation (EC) No 1272/2008 (CLP) & (EU) No 453/2010
- Hazard pictograms 
- Signal words Warning
- Hazard statements H319 Causes serious eye irritation
- Precautionary statements P264 Wash hands thoroughly after handling
P280 Wear protective gloves/protective clothing/eye protection/face protection
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present, and easy to do. Continue rinsing
P337+P313 If eye irritation persists: get medical advice/attention

SECTION 3: Composition/information on ingredients

- 3.1 Substances
Not applicable
- 3.2 Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No	CAS No	EC No	% w/w	Classification	M-factor
Alcohol ethoxylate		68439-49-6		1 - 10%	Xn; R22 Xi; R41	
Hydrobromic acid... %	035-002-01-8			1 - 10%	C; R34 Xi; R37	
2,2' Iminodiethanol	603-071-00-1	111-42-2	203-868-0	1 - 10%	Xn; R22-48/22 Xi; R38-41	
Ammonium bromide		12124-97-9	235-183-8	1 - 10%	Xi; R36/37/38	

EC 1272/2008

Chemical Name	Index No	CAS No	EC No	% w/w	(EC) No 1272/2008 classification	M-factor
Hydrobromic acid... %	035-002-01-8			1 - 10%	Skin Corr. 1B: H314; STOT SE 3: H335	
2,2' Iminodiethanol	603-071-00-1	111-42-2	203-868-0	1 - 10%	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Dam. 1: H318; STOT RE 2: H373	

Additional information

For full text of each hazard statement and R phrase see Section 16

SECTION 4: First aid measures

- 4.1 Description of first aid measures
- Following inhalation May cause irritation to respiratory system. Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist
- Following skin contact May cause irritation to the skin. Seek medical attention if irritation or symptoms persist. Wash with soap and water
- Following eye contact May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyes open. Seek medical attention if irritation or symptoms persist
- Following ingestion May cause irritation to mucous membranes. **DO NOT INDUCE VOMITING.** Seek medical attention if irritation or symptoms persist
- Self-protection for 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 Identification of any immediate medical attention and special treatment needed If you are unwell seek medical advice immediately

SECTION 5: Firefighting measures

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|-----|---|--|
| 5.1 | Extinguishing media | Use fire-extinguishing media appropriate to the surrounding fire conditions |
| 5.2 | Special hazards arising from the substance or mixture | Burning produces irritating, toxic and obnoxious fumes |
| 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

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|-----|---|---|
| 6.1 | Personal precautions, protective equipment and emergency procedures | Ensure adequate ventilation of the working area. Wear protective clothing as detailed in section 8 |
| 6.2 | Environmental precautions | Spillages or uncontrolled discharges into watercourses must be immediately alerted to the Environment 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 thoroughly with plenty of water |
| 6.4 | Reference to other sections | Wear protective clothing as detailed in section 8 |

SECTION 7: Handling and storage

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| 7.1 | Precautions for safe handling | Avoid contact with eye and skin. Ensure adequate ventilation of the working area |
| 7.2 | Conditions for safe storage, including any incompatibilities | Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers. |
| 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

8.2 Exposure controls

Appropriate engineering controls

Ensure adequate ventilation of the working area. Avoid spilling, skin and eye contact

Individual protection measures such as personal protective equipment



Goggles giving complete protection to eyes (EN166)



Protective gloves (nitrile rubber) (EN374)

Wear protective clothing. Wash all contaminated clothing before reuse. Wear suitable respiratory equipment when necessary.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Paste
Colour	White
Odour	Odourless
Solubility	Soluble in water
Flash point	Over 200

9.2 Other information No data

SECTION 10: Stability and reactivity

10.1 Reactivity No information available

10.2 Chemical stability Stable under normal conditions

SECTION 11: Toxicological information

11.1 Information on toxicological effects No data is available on this product

SECTION 12: Ecological information

12.1 Toxicity No data is available on this product

SECTION 13: Disposal considerations

13.1 Waste treatment methods Contact a licensed waste disposal company.

Disposal of packaging:
Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

13.2 European waste catalogue For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used

SECTION 14: Transport information

14.1 UN Number The product is not classified as dangerous for carriage

SECTION 15: Regulatory information15.1 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

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

Abbreviations and acronyms

ACLG	Approved Classification and Labelling Guide
CAS No	Chemical Abstracts Service Number
CLP	Classification, Labelling and Packaging Regulations (EC) 1272/2008
EC No	EINECS number
EINECS	European Inventory of Existing Commercial Substances
NC	Not Classified
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulations
SDS	Safety Data Sheet
SVHC	Substances of Very High Concern
UN	United Nations

Literature references and sources of data

Source of key data used to compile SDS:
Raw material suppliers' safety data sheets

Full text of R phrases and hazard statements listed in Section 3.

Risk phrases in full

R22	Harmful if swallowed
R34	Causes burns
R36/37/38	Irritating to eyes, respiratory system and skin
R37	Irritating to respiratory system
R38	Irritating to skin
R41	Risk of serious damage to eyes
R48/22	Harmful: danger of serious damage to health by prolonged exposure if swallowed

Full text of classifications [67/548/EEC]

Xi	Irritant
Xn	Harmful
C	Corrosive

Hazard statements in full

H302	Harmful if swallowed
H314	Causes severe skin damage and eye burns
H315	Causes skin irritation
H318	Causes serious eye damage
H335	May cause respiratory irritation
H373	May cause damage to organs through prolonged or repeated exposure

Full text of classifications [1272/2008]

Acute Tox. 4	Acute toxicity category 4
Eye Dam. 1	Eye damage category 1
Skin Corr. 1B	Skin corrosive category 1B
Skin Irrit. 2	Skin irritant category 2
STOT RE 2	Specific Target Organ Toxicity (Repeated Exposure) category 2
STOT SE 3	Specific Target Organ Toxicity (Single Exposure) category 3

This information supplied in the Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.