

ALEC TIRANTI LIMITED

TOOLS, MATERIALS & EQUIPMENT FOR MODELLING, CARVING, SCULPTURE
3 Pipers Court, Berkshire Drive,
Thattham, Berks RG19 4ER
Tel: 0845 123 2100 Fax: 0845 123 210



London Shop: 27 Warren Street
London W1T 5NB
Tel & Fax: 020 7380 0808

Material Safety Data Sheet KA Low Melt Alloy

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

1.1. Product identifier

Product name HGM also KA Casting Alloy

1.3. Details of the supplier of the safety data sheet

Company Geo. W. Neale Limited

Address Regency Street

off Victoria Road

Willesden Junction

London

NW10 6NG

United Kingdom

Web www.gwneale.co.uk

Telephone +44 (0) 20 8965 1336

Fax +44 (0) 20 8965 1725

Email sales@gwneale.co.uk

Email address of the competent person sales@gwneale.co.uk

1.4. Emergency telephone number

Emergency telephone number +44 (0) 20 8965 1336

9.00 am - 5.00 pm Mon - Fri

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification – EC 1999/45/EC

T; R23/25

Symbols: T: Toxic.

Toxic by inhalation and if swallowed

2.2. Label elements

The product is classified in accordance with 67/548/EEC.



Symbols T: Toxic.

Risk phrases R23/25 - Toxic by inhalation and if swallowed.

Safety phrases S36/37 - Wear suitable protective clothing and gloves.

S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S63 - In case of accident by inhalation: remove casualty to fresh air and keep at rest.

SECTION 2: Hazards identification

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification M-factor.
Tin	7440-31-5	231-141-8		40-60%	
Lead Ingot (Lead)	7439-92-1	231-100-4		40 - 50% T;	R23/25
Antimony	7440-36-0	231-146-5		1 - 10% Xi;	R36/37/38

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Toxic by inhalation. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Inhalation of vapour may cause shortness of breath. Move the exposed person to fresh air. Seek medical attention..

Eye contact May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open.

Skin contact Toxic in contact with skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention.

Ingestion Toxic if swallowed. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. If swallowed, seek medical advice immediately and show this container or label. DO NOT INDUCE VOMITING.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Use as appropriate: Carbon dioxide (CO₂), Dry chemical, Foam

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Wear:. Self-contained breathing apparatus. Wear chemical protective clothing..

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid raising dust. Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Wear suitable protective equipment.

6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe..

6.3. Methods and material for containment and cleaning up

Avoid raising dust. Sweep up. Transfer to suitable, labelled containers for disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes 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. Store in correctly labelled containers.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

Antimony	WEL 8-hr limit ppm:	WEL 8-hr limit mg/m ³ :	0.5
	WEL 15 min limit ppm:	WEL 15 min limit mg/m ³ :	
Lead Ingot (Lead)	DIR: 82/605	8hTWA ppm: -	
	8hTWA mg/m ³ : 0.15	STEL ppm: -	
	STEL mg/m ³ : -	NOT: -	
Tin	WEL 8-hr limit ppm:	WEL 8-hr limit mg/m ³ :	0.1
	WEL 15 min limit ppm:	WEL 15 min limit mg/m ³ :	0.2

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures

Eye / face protection	Wear suitable protective clothing
Skin protection	Approved safety goggles.
Handprotection	Chemical resistant gloves (PVC).
	Suitable half mask respirator with filter P3 (EN 143).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Solid
Colour	Grey
Odour	Odourless
Melting point	185
Water solubility	Insoluble in water.

SECTION 10: Stability and reactivity

10.2. Chemical stability

Stable under normal conditions.

SECTION 11: Toxicological information

11.1.4. Toxicological Information

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

General information

Dispose of in compliance with all local and national regulations.

SECTION 14: Transport information

ADR/RID

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

SECTION 16: Other information

Text of risk phrases in Section 3

R23/25 - Toxic by inhalation and if swallowed.

R36/37/38 - Irritating to eyes, respiratory system and skin.

Further information

The information supplied in this 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.

18/03/2014