

IDENTIFICATION OF THE COMPANY AND OF THE MATERIAL

Company Identification

GS Metal Joining Ltd

Unit 36 Matrix Business Centre

Nobel Way

Dinnington

S25 3QB

Phone No 01909 547247

Product Type Cadmium Free Silver Solder

Product Codes AG101, AG102, AG103, AG104, AG105, AG106, AG107, AG108, AG205, AG206, AG207.

Composition Silver, Copper, Zinc, Tin Silicon Generally conforming to EN1044:AG Form Wire, Rod, Strip, Powder, Preform

INFORMATION ON INGREDIENTS

There are no constituent elements classified as being hazardous.

Any Occupational Exposure Levels are listed in Section 8.

HAZARDS IDENTIFICATION

Most Important Hazards Not Classified

Potential Acute Health Effects None

Potential Chronic Health Effects None

Environmental Hazard Not Available

No special requirements

FIRE FIGHTING MEASURES

Material is not combustible. No known special fire fighting precautions.

ACCIDENTAL RELEASE MEASURES

Personal Precautions None

Environmental Precautions No

Clean up methods as appropriate

HANDLING & STORAGE

Handling Avoid inhaling dust

Storage No special requirements

EXPOSURE CONTROL/PERSONAL PROTECTION

Personal Protection S20 When using do not eat or drink

S21 When using do not smoke

S36 Wear suitable protective clothing

S37 Wear protective gloves

S39 Wear suitable eye/face protection

Exposure Limits No hazardous ingredient

PHYSICAL & CHEMICAL PROPERTIES

State Solid

Melting Range 620 - 780 deg C

Appearance silver - white

Boiling Point not available

Vapour Pressure not available

Explosive Risks not applicable

Flammability Risks not applicable

STABILITY & REACTIVITY

Conditions to avoid highly reactive with acids alkalis and oxidizing agents.

Decomposition Products Not available

Stability Material is stable

TOXICOLOGY INFORMATION

Inhalation Non hazardous

Ingestion Non hazardous

Eye Contact Non irritant

Skin Contact Non irritant

Target Organs Upper respiratory tract

Chronic Effects Non known

Carcinogenic Effects None

Mutagenic Effects None

Teratogenic Effects None

Narcosis Not available

ECOLOGICAL INFORMATION

Not available

DISPOSAL CONSIDERATIONS

Waste must be disposed of in accordance with

Environmental Protection (Care of Duty) Regulations 1991.

TRANSPORT INFORMATION

No special precautions

REGULATORY INFORMATION

Materials are Not Classified under EU regulations

OTHER INFORMATION

References EN1044; AG

NB The information contained in this sheet is believed to be accurate but GS Metal Joining Ltd assumes no liability for its accuracy or completeness. Final determination of the suitability of a product remains the responsibility of the user.

Product Type Copper Phosphorus Alloys

Product Codes CP101, CP102, CP103, CP104, CP105, CP201, CP202, CP203.

Composition Silver, Copper, Phosphorus

Form Wire, Rod, Strip, Powder, Preform

INFORMATION ON INGREDIENTS

There are no constituent elements classified as being hazardous. Any Occupational Exposure Levels are listed in Section 8

HAZARDS IDENTIFICATION

Potential Acute Health - None

Potential Chronic Health Effects - None

Environmental Hazard - Not Available

FIRST AID MEASURES No special requirements**FIRE FIGHTING MEASURES**

Material is not combustible. No known special fire fighting precautions

ACCIDENTAL RELEASE MEASURES

Personal Precautions - None

Environmental Precautions - None

Clean up methods - As appropriate

HANDLING & STORAGE

Handling - Avoid inhaling dust

Storage - No special requirements

EXPOSURE CONTROL/PERSONAL PROTECTION

Personal Protection S20 When using, do not eat or drink

S21 When using, do not smoke.

S36 Wear suitable protective clothing

S37 Wear suitable gloves

ensure adequate ventilation

Exposure Limits Phosphorus TWA 0.1mg/cubic metre

PHYSICAL & CHEMICAL PROPERTIES

State Solid

Melting Range 630 - 880 deg C

Appearance - copper coloured

Boiling Point - not available

Vapour Pressure - not available

Explosive Risks - not applicable

Flammability Risks - not applicable

STABILITY & REACTIVITY

Conditions to avoid - Highly reactive with acids alkalis and oxidizing agents

Decomposition Products - Phosphorus oxides

Stability - Material is stable

TOXICOLOGY INFORMATION

Inhalation - Not available

Ingestion - Not available

Eye Contact - Not available

Skin Contact - Not available

Target Organs - May cause bone damage

Chronic Effects - Non known

Carcinogenic Effects - None

Mutagenic Effects - None

Teratogenic Effects - Not available

Narcosis - Not available

ECOLOGICAL INFORMATION

Not available

DISPOSAL CONSIDERATIONS

Waste must be disposed of in accordance with Environmental Protection (Duty of Care) Regulations 1991

TRANSPORT INFORMATION

No special precautions

REGULATORY INFORMATION

Materials are Not Classified under EU regulations

OTHER INFORMATION

References EN1044.CP

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