

Safety Data Sheet

According to 1907/2006/EC, Article 31 REACH

GS Metal Joining Ltd
154 Mandalay Road,
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Previous Issue 0
Revision 1.0
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product Identifier

Product Name XP712 Liquid Soldering Flux

1.2. Relevant Identified uses of the substance or mixture and uses advised against

Description Liquid Flux for soldering.

1.3. Details of the supplier of the safety data sheet

Company	GS Metal Joining Ltd
Address	154 Mandalay Road, Pleasley, Mansfield NG19 7TJ England
Web	www.gsmetaljoining.co.uk
Telephone	01623 707954
Fax	
Email	enquiries@gsmetaljoining.co.uk
Email of competent person	glen@gsmetaljoining.co.uk

1.4. Emergency telephone number

Emergency Telephone Number +44(0)1623 707954 (9am-5pm Monday-Friday)

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture

Classification- EU Directive 67/548/EEC 1999/45/EC Main Hazards	Not classified Over exposure by inhalation may cause respiratory irritation May cause burns to mouth, throat and stomach Slightly hazardous by skin contact (irritant) Slightly hazardous by eye contact (irritant)
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2.2. Label Elements EU Directive 67/548/EEC 1999/45/EC

Symbols	For industrial use only
Risk Phrases	
Safety Phrases	

SECTION 3: Composition/Information on ingredients

3.2. This material is defined as a mixture

67/548/EEC/1999/45/EC

Chemical Name	CAS No	EC No.	REACH Registration Number	Conc. (%w/w)	DSD Classification
Water	-	-	-	80-90	-
Hydrobromic acid	10035-10-6	233-113-0	-	1-20	C;R34, Xi R37
B-Alanine	107-95-9	203-536-5	-	1-5	Xn;R22

SECTION 4: First Aid Measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. If not breathing give artificial respiration. Rinse immediately with plenty of water for 15 minutes holding the eyelid open. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Rinse mouth thoroughly. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person. Consult a doctor.
Eye contact	
Skin contact	
Ingestion	

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

	To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.
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4.3 Indication of any immediate medical attention and special treatment needed

	No data available
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SECTION 5: Firefighting Measures

5.1. Extinguishing Media

	Use extinguishing media that are appropriate to the surrounding environment.
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5.2. Special hazards arising from the substance or mixture

	No data available
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5.3 Advice for Fire Fighters

	Wear self contained breathing apparatus for fire fighting if necessary
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SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

	Use personal protective equipment. Avoid breathing vapours and mist. Ensure adequate ventilation. Evacuate personnel to safe areas.
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6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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6.3. Methods and material for containment and cleaning up

	Asorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. Do not let product enter drains.
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6.4. reference to other sections

	See section 2,8,13 for further information
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SECTION 7: Handling and Storage

7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Ensure adequate exhaust ventilation of the working area. Adopt best manual handling considerations when handling, carrying and using.
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7.2. Precautions for safe storage, including and incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.
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7.3. Specific end use(s)

	To be used as a flux
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

Hydrobromic acid	STEL: 10mg/m ³ 15 minutes STEL 3ppm 15 minutes UK EH40 WEL- Workplace Exposure Limits
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8.2. Exposure Controls

8.2.1 Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear protective clothing. Handle in accordance with good industrial hygiene practice. Wash hands before breaks and at the end of day.
Eye/face protection	In case of splashing wear approved safety goggles.
Skin / Hand protection	Chemical resistant gloves (PVC)

SECTION 9: Information on basic physical and chemical properties

State	Liquid
Colour	Clear
Odour	flux
VOC Content	0
pH	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	100°C
Flash point	No data available
Evaporation rate	No data available

Flammability limits	No data available
Vapour flammability	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Fat solubility	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	No data available
Solubility	No data available
Decomposition Temperature	No data available

9.2. Other Information

Conductivity	No data available
Surface Tension	No data available
Gas group	No data available

SECTION 10: Stability and Reactivity

10.1. Reactivity

	No data available on this product
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10.2. Stability

	This product is stable
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10.3. Possibility of Hazardous Reactions

	No data available
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10.4. Conditions to avoid

	No data available
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10.5. Incompatible Materials

	Oxidizing agents.
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10.6. Hazardous Decomposition Products

	No data available
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SECTION 11: Toxicological Information

11.1. Information on toxicological effects

Acute toxicity	No data available
Skin Corrosion	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin irritation	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
Specific target organ toxicity- Repeated exposure	No data available
Specific target organ toxicity	No data available
Aspiration hazard	No data available
Potential health effects	
Inhalation	May give of vapour which is irritating to the respiratory system
Ingestion	May cause burns to the mouth, throat and stomach
Skin	Corrosive to the skin
Eyes	Corrosive to the eyes.
Signs and Symptoms of Exposure	No data available

SECTION 12: Ecological Information

12.1. Toxicity

Toxicity to fish	No information available
Toxicity to daphnia and other aquatic invertebrates	
Toxicity to algae	

12.2. Persistence and degradability

	No data available
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12.3. Bioaccumulative potential

	No data available
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12.4. Mobility in soil

	No data available
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12.5. Results of PBT and vPvB assessment

	No data available
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12.6. Other adverse effects

XP712 Liquid Soldering Flux

	No data available
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SECTION 13: Disposal Considerations

General Information

	Dispose of in compliance with all local and national regulations.
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Disposal methods

	Contact a licensed waste disposal company
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Disposal and Packaging

	Do NOT reuse empty containers. Empty containers can be sent for disposal and recycling.
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Further Information

	For disposal with the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.
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SECTION 14: Transport Information

Hazard Pictograms

	Not regulated
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14.1. UN Number

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14.2. UN Proper Shipping Name

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14.3. Transport Hazard Class

ADR/RID Subsidiary risk IMDG Subsidiary risk IATA Subsidiary risk	Not Regulated
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14.4. Packing Group

	Not Regulated
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14.5. Environmental Hazards

Environmental hazard Marine Pollutant	Not Regulated
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ADR/RID

Hazard ID Tunnel Category	Not Regulated
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IMDG

Ems Code	Not Regulated
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IATA

Packing Instruction (Cargo) Maximum quantity Packing Instruction (Passenger) Maximum quantity	Not Regulated
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SECTION 15: Regulatory Information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment- There is no chemical safety assessment for this product.

Regulations

Commission regulation (EU) No 453/2010 of the 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Regulation, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94. Council Directive 76/769/EEC and Commission Directive 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

Regulation (EC) No 1907/2006 of the European Parliament and of the council of 18 December 2006 concerning the Regulation, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Directive (EEC) No 793/93 and Commission Regulation (EC) No 1488/94. Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC. (93/105/EC) and 2000/21/EC.

SECTION 16: Other Information

Other Information

	R22:Harmful if swallowed R34 –Causes Burns R37: Irritating to respiratory system C- Corrosive Xn-Harmful Xi-Irritant
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Further Information

	The 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 related 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.
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