


SAFETY DATA SHEET**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

1.1 Product identifier	METALLIC 877 Q/S SILVER
1.2 Relevant identified uses of the substance or mixture and uses advised against	Printing Ink
1.3 Details of the supplier of the safety data sheet	
MFG..DEPT.	MEGAMI INK MFG.CO.,LTD GUNMA FACTORY Gunma Pref. Annaka City Matsuida-Machi Matsuida 705-1 +81-27-393-1718(TEL) +81-27-393-0530(FAX) E-Mail gunkan@megamiink.com
QC..DEPT.	MEGAMI INK MFG.CO.,LTD TOKYO OFFICE TECHNICALCENTER QUALITY ASSURANCE DEPT. +81-48-994-4775(TEL) +81-48-994-4785(FAX) E-Mail hinsho@megamiink.com
1.4Emergency telephone number	+81-48-994-4770

Distributor: BJ Ball
Address: 221-251 Discovery Road
Dandenong South, Victoria 3175.

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	Mixture	Telephone: 0387943550
2.2 Label elements		Email: Vicsales@bjball.com.au
SYMBOL		Emergency Phone No: 0387943550
SIGNAL WORD	DANGER	Emergency Phone No After Hours: 131126
HAZARD STATEMENTS	H372 Causes damage to organs through prolonged or repeated exposure H412 Harmful to aquatic life with long-lasting effects	
PRECAUTIONARY STATEMENTS	P260 Do not breathe dust/fumes/gas/mist/vapours/spray. P264 Wash hands thoroughly after handling. P270 Do not eat, drink or smoke when using this products. P273 Avoid release to the environment.	
PREVENTION		
RESPONSE	P308/313 If exposed: Call a POISON CENTER or doctor/physician.	
STORAGE	P411/235 Store at temperatures not exceeding 25 C,keep cool.	
DISPOSAL	P501 Dispose of contents, container in accordance with applicable Laws and Regulation.	

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixture

Ingredients	%Range	CAS	Hazard Information
Aluminium	15-25	7429-90-5	H372
Mineralspirit	2>	64742-88-7	H410

4. FIRST AID MEASURES

4.1 Description of first aid measures

EYE	If this product comes in contact with the eye wash out immediately with fresh running water. If pain persists or recurs seek medical attention.
SKIN	If skin contact occurs flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.
INHALED	If fumes or combustion products are inhaled remove from contaminated area. Lay patient down. Keep warm and rested. Transport to hospital, or doctor.
SWALLOWED	If swallowed do not induce vomiting. Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. Seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5. FIRE FIGHTING MEASURES5.1 Extinguishing media

Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products.

5.3 Advice for firefighters

Required the use of respiratory protective equipment.

6. ACCIDENTAL RELEASE MEASURES6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described.

6.2 Environmental precautions

In the case of contamination of rivers, lakes or drains notify relevant authorities in accordance with local regulations.

6.3 Methods and material for containment and cleaning up

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking.
Ventilate, Clean-up personnel should use respiratory and/or liquid contact protection.
Inform Authorities if large amounts are involved.

6.4 Reference to other sections

For waste disposal, see section 13.

7. HANDLING AND STORAGE7.1 Precautions for safe handling

Avoid breathing vapors and contact with skin and eyes.
Avoid reaction with oxidizing agents. Avoid sources of heat.
Wear personal protective equipment when handling.
Wash hands with soap and water after handling.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool place lower than 25°C. Avoid Sun light.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION8.1 Control parameters

Petroleum hydrocarbon	ACGIH 2010 (TLV-TWA) 5mg/m ³
Mineralspirit	ACGIH 2010 (TLV-TWA) 100ppm
Aluminium	ACGIH 2010 (TLV-TWA) 10mg/m ³

8.2 Exposure controls

Respiratory protection

Individual protection measures, such as personal protective equipment.
Respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

Hand protection

Chemical resistant gloves made of Butyl rubber or Polyethylene-polyvinyl alcohol laminated rubber.

Eye/ face protection

Safety Glasses with side shields, goggles, or face shield.

Skin and body protection

Suitable safety clothes, aprons, shoes and protective boots.

9. PHYSICAL AND CHEMICAL PROPERTIES9.1 Information on basic physical and chemical properties

APPEARANCE	Silver paste
ODOR	Slight odor
MELTING POINT	No information on the product.
FLASH POINT	No information on the product.
VAPOR PRESSURE	No information on the product.
SOLUBILITY	Insoluble in water
SPECIFIC GRAVITY	1.10~1.20 (25°C)

N-OCTANOL/WATER IGNITION TEMPERATURE	No information on the product.
PECOMPOSITION TEMPURATURE	No information on the product.
<u>9.2 Other information</u>	Not determined

10. CHEMICAL STABILITY AND REACTIVITY INFORMATION

<u>10.1 Reactivity</u>	There are no known reactivity hazards associated with this product.
<u>10.2 Chemical stability</u>	Stable under normal temperature conditions.
<u>10.3 Possibility of hazardous reactions</u>	No information on the product.
<u>10.4 Conditions to avoid</u>	No information on the product.
<u>10.5 Incompatible materials</u>	No information on the product.
<u>10.6 Hazardous decomposition product:</u>	No information on the product.

11. TOXICITY INFORMATION

<u>11.1. Information on toxicological effects</u>	
Acute toxicity (Oral)	No information on the product.
Skin corrosion/irritation	No information on the product.
Serious eye damage/eye irritation	No information on the product.
Skin Sensitizers	No information on the product.
Carcinogenicity	No information on the product.
Specific target organ toxicity exposure	No information on the product.
	No information on the product.
Specific target organ toxicity Repeated exposure	Category1 H372 as concentration of Aluminium \geq 1%

12. ECOLOGICAL INFORMATION

<u>12.1 Toxicity</u>	
Hazardous to the aquatic environment, Acute hazard	No information on the product.
Hazardous to the aquatic environment, Chronic hazard	Category3 H412 as concentration of Mineralspirit \geq 25%
<u>12.2 Persistence and degradability</u>	There are no data on the degradability of this product.
<u>12.3 Bioaccumulative potential</u>	No data available on bioaccumulation.
<u>12.4 Mobility in soil</u>	No data available.
<u>12.5 Results of PBT and vPvB assessment</u>	Not Classified as PBT/vPvB by current EU criteria.

13. DISPOSAL CONSIDERATIONS

<u>13.1 Waste treatment methods</u>	Consult manufacturer for recycling options and recycle where possible consult waste management authority for disposal. Incinerate residue at an approved site. Recycle containers where possible or dispose of in an authorized landfill.
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14. TRANSPORTATION INFORMATION

<u>14.1 UN number</u>	Not applicable
<u>14.2 UN proper shipping name</u>	Not applicable
<u>14.3 Transport hazard class</u>	Not applicable
<u>14.4 Packing group</u>	Not applicable
<u>14.5 Environmental hazards</u>	Not applicable
<u>14.6 Special precautions for user</u>	Not applicable
<u>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</u>	Not applicable

15. REGULATORY INFORMATION15.1 Safety, health and environmental regulations legislation specific for the substance or mixture.

Please compliance of the laws in your country.

15.2 Chemical safety assessment

No chemical safety assessment has been carried out for this mixture by the supplier.

16. OTHER INFORMATION

Safety Data Sheet (SDS) is intended to provide for general industrial use as reference information in order to ensure the proper handling. It was created on the basis of reliable information but it is not a guarantee of the manufacturer. Please take your appropriate measures of handling, etc. in their own responsibility.