

Safety Data Sheet

X-Press It Metal Leaf

Section 1 - Identification of the material and supplier

Product Name	X-Press It Metal Leaf Sheets or Flakes – Gold/Silver/Copper
Manufacturers Code	GT5, GT6, GT9, GT18, GT19, GT22, GT23, GT24, GT25
Product Description	X-Press It Metal Leaf is an imitation leaf available in gold, silver and copper colours used for gilding purposes together with an adhesive. It is composed of ultra thin sheets or flakes of metal.
Recommended Uses	Metal leaf for gilding application used for art, craft or school application.

For Further Information

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Section 2 - Hazards identification

Safe Work Australia Criteria Classification While this material is considered Non - hazardous by OSHA Hazardous Communication Standard (29) CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the substance or mixture Not Classified

GHS Label Elements -

Signal Word No signal word

Hazard Statement No known significant effects or critical hazards.

Precautionary Statements – general Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

Precautionary Statements – prevention Not applicable

Precautionary Statements – response Not applicable

Precautionary Statements – storage Not applicable

Precautionary Statements – disposal Not applicable

Other Hazards not otherwise classified No hazards identified

Section 3 - Composition/information on ingredients

Substance	Substance		
Mixture			
Chemical Name	CAS No.		Weight-%
Non-Hazardous Ingredients	-		To 100%
Composition:	Gold – 100% Brass Alloy		
	Silver – 100% Aluminium		
	Copper – 100% Copper		

Section 4 - First Aid Measures

Description of first aid measures

General Advice	Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get medical advice /attention
E Telephone number	Poisons Information's Centre Australia 131126
Inhalation	Exposure is not likely to be hazardous. Get medical attention if symptoms occur.
Skin Contact	Treat by routine hygienic practices, such as washing with soap & water. Get medical attention if symptoms occur.
Eye Contact	Solid or particles may cause irritation or eye injury due to mechanical action. Treat as with other inert solids. Get medical attention if irritation occurs.

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Ingestion No adverse effects anticipated by this route of exposure. Get medical attention if symptoms occur.

Most Important Symptoms and effects, both acute and delayed

Potential acute health effects

Eye Contact No known significant effects or critical hazards

Inhalation No known significant effects or critical hazards

Skin Contact No known significant effects or critical hazards

Ingestion No known significant effects or critical hazards

Over-Exposed signs/symptoms

Eye Contact No known significant effects or critical hazards

Inhalation No known significant effects or critical hazards

Skin Contact No known significant effects or critical hazards

Ingestion No known significant effects or critical hazards

Indication of any immediate medical attention and special treatment needed

Note to doctors Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been inhaled or ingested.

Specific Treatments No Specific Treatment

Protection 1st aiders No action shall be taken involving any personal risk or without suitable training.

Section 5 - Fire fighting measures

Suitable extinguishing media Use extinguishing appropriate to the surrounding fire.

Unsuitable Extinguishing Media None Known

Hazards that develop from the chemical during the fire No specific fire or explosion hazard

Recommendations on special actions for firefighters No special measures required

Recommendations on special protective equipment for firefighters Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6 - Accidental release measures

Personal precautions protective equipment and emergency procedures

For Non-emergency personnel None

For emergency responders

None

Environmental precautions In solid form there is little risk of accidental release.

Methods and material for containment and cleaning up

Small Spill Not applicable

Large Spill Not applicable

Section 7 - Handling and storage

No smoking, open flames or sources of ignition in handling and storage area. Good housekeeping and controlling of dusts are necessary for safe handling of product. Electrically bond and ground all containers, personnel and equipment before transfer or use of material. Keep away from heat, sparks and flame.
See Section 8, EXPOSURE CONTROLS AND PERSONAL PROTECTION.

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety. Ensure adequate ventilation in case of insufficient ventilation. Do not eat, drink or smoke.

General Hygiene Considerations When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended. Keep away from food, drink and animal feeds stuffs. Do not eat or smoke when using this product. Wash hands before breaks and immediately after handling the product. Wash hands before breaks and after work.

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Conditions for safe storage, including and incompatibilities

Storage Conditions Keep in a dry, cool and well-ventilated place and away from heat sources. Keep out of reach of children. Keep from freezing. Store in accordance with good manufacturing practices. See Section 10 for more specific information

Incompatible Materials None known based on information supplied.

Section 8 - Exposure controls/personal protection

Control parameters/Occupational exposure limits None

Appropriate engineering controls Good general ventilation should be sufficient to control worker exposure to airborne contaminants. Ensure adequate ventilation, especially in confined areas.

Environmental exposure controls Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Individual protection measures Hygiene measures

Wash hands, after handling, before eating, smoking and using the lavatory and at the end of the working period.

Eye/face protection None

Skin protection Hand protection None

Body protection None

Other skin protection None

Respiratory protection No respirator required in normal use.

Environmental Exposure Controls No information available

Section 9 - Physical and chemical properties

<u>Property</u>	<u>Value</u>
Physical State	Solid
Colour	Gold/Silver/Copper
Odour	None
Odour Threshold	NA
pH (in water)	NA
Boiling point	NA
Melting Point	NA
Flash point	NA
Evaporation rate	NA
Flammability (solid, gas)	Non-Flammable
Lower and upper explosive	NA
Flammability Limit in Air	
Upper flammability limit	NA
Lower flammability limit	NA
Vapour pressure	NA
Vapour density	NA
Relative density	NA
Water solubility	NA
Solubility (ies)	NA
Partition coefficient	NA
n-octanol/water	NA
Auto-ignition temperature	NA
Decomposition temperature	NA
Kinematic Viscosity	NA
Dynamic Viscosity	NA

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Explosive Properties	NA
Oxidising Properties	NA
Viscosity	NA
Volatility	NA
Solids	100%

OTHER INFORMATION

VOC Content (%) No information available

Density No information available

* This information may be derived from the companies in the preparation.

Section 10 - Stability and reactivity

Reactivity No specific test data related to reactivity available for this product or its ingredients. The product is stable.

Chemical stability Under normal conditions of storage and use, hazardous reactions will not occur.

Explosion Data

Sensitivity to mechanical impact. None.

Sensitivity to Static Discharge. None

Possibility of hazardous reactions Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid No specific data.

Incompatible materials No information available

Hazardous decomposition products Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11 - Toxicological information

Information on toxicology effects

Acute Toxicity There is no data available

Irritation/Corrosion There is no data available

Sensitization There is no data available

Carcinogenicity There is no data available

Specific Target Organ toxicity (single exposure) There is no data available

Specific Target Organ toxicity (repeated exposure) There is no data available

Aspiration Hazard There is no data available

Information on likely routes of exposure Dermal contact. Eye Contact. Inhalation. Ingestion

Potential Acute health effects

Eye Contact No known significant effects or critical hazards

Inhalation No known significant effects or critical hazards

Skin Contact No known significant effects or critical hazards

Ingestion No known significant effects or critical hazards

Symptoms related to the physical, chemical and toxicological characteristics

Eye Contact No known significant effects or critical hazards

Inhalation No known significant effects or critical hazards

Skin Contact No known significant effects or critical hazards

Ingestion No known significant effects or critical hazards

Delayed and immediate effects and also chronic effects from short and long term exposures – Short Term

Potential & Immediate No known significant effects or critical hazards

Potential delayed No known significant effects or critical hazards

Delayed and immediate effects and also chronic effects from short and long term exposures – Long Term

Potential & Immediate No known significant effects or critical hazards

Potential delayed No known significant effects or critical hazards

Potential Chronic health effects

General No known significant effects or critical hazards

Carcinogenicity No known significant effects or critical hazards

Mutagenicity No known significant effects or critical hazards

Teratogenicity No known significant effects or critical hazards

Developmental effects No known significant effects or critical hazards

Fertility effects No known significant effects or critical hazards

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Numerical measures of Toxicity

Acute toxicity estimates No known significant effects or critical hazards

Section 12 - Ecological information

Toxicity There is no data available
Persistence and degradability There is no data available.
Bio accumulative Potential There is no data available
Mobility in soil Soil/water partition coefficient (KOC): Not available.
Other adverse effects: No known significant effects or critical hazards

Section 13 – Disposal Considerations

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Since empty containers retain product residue, follow label warnings even after container is emptied.

Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Observe all labels precautions until container is cleaned, reconditioned or destroyed. Refer to all federal, state and local regulations prior to disposal of container and unused contents by reuse, recycle or disposal.

Section 14 - Transport information

ADG Not regulated for transport
Classification for SEA transport (IMO-IMDG): Not regulated for transport
Transport in bulk according to Annex I or II of Consult IMO regulations before transporting ocean bulk MARPOL 73/78 and the IBC or IGC Code No information available
IATA Not Regulated

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

Section 15 - Regulatory information

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

Nation Regulations

Australia Not classified as dangerous goods in accordance with the Australian Code for Transport of Dangerous Goods by Road Rail (ADG). Not classified as a hazardous substance in accordance with the criteria of Safe Work Australia-Globally Harmonised System (GHS)

See section 8 national exposure control parameters

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

Classified as a scheduled poison according to the standard from the Uniform Scheduling of Medicines and Poisons (SUSMP)

Poison Schedule

Major Hazard (accident/incident planning) regulation

International Inventories

AICS Australian Inventory of chemical Substances Listed or exempt

DSL Canadian Domestic Substances List No information available

IECSC China Inventory of Existing Chemical Substances No information available

EINECS/ELINCS European Inventory of Existing Chemical Substances/ European List of Notified Chemical Substances No information available

ENCS Japan Existing and New Chemical Substances No information available

KECL Korea Existing and Evaluated chemical Substances No information available

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NZioC New Zealand Inventory of Chemicals Listed or exempt
PICCS Philippines Inventory of Chemical Substances No information available
CICR Turkey Chemical Inventory Control Regulations No information available
NCSR Taiwan National Chemical Substances Registry No information available
TSCA United States Toxic Substances Control Act Section 8(b) Inventory No information available

For Confirmation of the European REACH status Contact Industrial Adhesives Australasia for additional information

International Regulations

Ozone-depleting substances (ODS) Not applicable
Persistent Organic Pollutants Not applicable
Export Notification requirements Not applicable

Section 16 - Other information

History

Date of issue 02/11/2023
Date of previous issue 02/11/2023
Version: 1
Prepared by X-Press Graph-X Pty Ltd

Key to abbreviations

Legend Section 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA = Time Weighted average STEL STEL (Short Term Exposure Limit)
Ceiling = Maximum Limit Value * Skin designation

C = Carcinogen

ATE = Acute Toxicity Estimate

BCF = Bio concentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.

("Marpol" = marine pollution)

UN = United Nations

Notice to reader/Disclaimer

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.