UNIPEGA METALLIC SPRAY PAINT

Safety Data Sheet

According to ABNT NBR 14725: 2023
SDS Reference Number: TINTA SPRAY METALIZADO
Issue date: 4/11/2024

SECTION 1: Identification

1.1. GHS Product identifier

Product form : Mixture
Trade name : UNIPEGA METALLIC SPRAY PAINT
Product code : TINTA SPRAY METALIZADO
Product description : Solvent based acrylic paint - can up to 1L

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Acrylic Paint for painting in general

1.4. Supplier's details

Manufacturer
A&S Technologies Indústria e Comércio Ltda.
P.O. Box 180
Rodovia Gov. Dr. Adhemar Pereira de Barros (SP 340), km 130 13918-006 Jaguariúna/SP São Paulo Brasil
T (19) 3512-9860
info@unipega.com - www.unipega.com

1.5. Emergency phone number

Emergency number : 0800 110 8270 - PRÓ-QUÍMICA

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification according to GHS BR (ABNT NBR 14725: 2023)

Aerosol, Category 1
Flammable liquids, Category 3
Skin corrosion/irritation, Category 2
Serious eye damage/eye irritation, Category 2
Hazardous to the aquatic environment - Acute Hazard, Category 3

2.2. GHS Label elements, including precautionary statements

GHS BR labelling

Hazard pictograms (GHS BR) :

Signal word (GHS BR) : Danger
Hazard statements (GHS BR) : H222 - Extremely flammable aerosol
H226 - Flammable liquid and vapour
H229 - Pressurized container: may burst if heated
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H402 - Harmful to aquatic life
Precautionary statements (GHS BR) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 - Do not spray on an open flame or other ignition source.
P233 - Keep container tightly closed.
P240 - Ground and bond container and receiving equipment.
P241 - Use explosion-proof equipment.
P242 - Use non-sparking tools.

P243 - Take action to prevent static discharges.
P251 - Do not pierce or burn, even after use.
P264 - Wash hands, forearms and face thoroughly after handling.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, protective clothing, eye protection, face protection and hearing protection.
P302+P352 - IF ON SKIN: Wash with plenty of water.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 - Specific treatment (see supplemental first aid instruction on this label).
P332+P313 - If skin irritation occurs: Get medical advice or attention.
P337+P313 - If eye irritation persists: Get medical advice or attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P370+P378 - In case of fire: Use appropriate media to extinguish.
P403+P235 - Store in a well-ventilated place. Keep cool.
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and international regulations.

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	GHS Product identifier	%
	CAS-No.: 9003-01-4	20 – 30
	CAS-No.: 123-86-4	5 – 15
Xylene	CAS-No.: 1330-20-7	5 – 15
	CAS-No.: 526-73-8	1 – 10

SECTION 4: First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures general : If you feel unwell, seek medical advice.
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Be careful, the product may remain trapped under clothing, footwear or a wrist-watch.
First-aid measures after eye contact : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
First-aid measures after ingestion : Do NOT induce vomiting. Rinse mouth out with water.

4.2. Most important symptoms and effects, acute and delayed

Symptoms/effects : May cause severe burns.
Symptoms/effects after inhalation : May cause drowsiness or dizziness. May cause irritation to the respiratory tract, sneezing, coughing, burning sensation of throat with constricting sensation of the larynx and difficulty in breathing.

Symptoms/effects after skin contact	:	Causes skin irritation. irritation (itching, redness, blistering).
Symptoms/effects after eye contact	:	May cause eye irritation. stinging. Redness.
Symptoms/effects after ingestion	:	Burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

4.3. Indication of any immediate medical attention and special treatment needed, if necessary

Notes to physician : Treat symptomatically

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Dry chemical, CO2, or water spray or regular foam. DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS THE LEAK CAN BE STOPPED.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard : Flammable liquid and vapour. The vapours are denser than air and may travel along the ground. Distance ignition possible. Agitation can cause build up of electrostatic charge. Vapours may cause fire/explosion if source of ignition is present. Extremely flammable aerosol. Pressurised container: May burst if heated. Heating may cause a fire or explosion. In case of fire and/or explosion do not breathe fumes.

Explosion hazard : Vapours may form explosive mixture with air. Prolonged exposure to fire may cause containers to rupture/explode. Explosion risk in case of fire. Heating may cause an explosion.

5.3. Special protective actions for fire-fighters

Precautionary measures fire : Keep container closed when not in use. This product is not to be used under conditions of poor ventilation. Keep container tightly closed and away from heat, sparks and flame.

Firefighting instructions : Get the package away from the fire if this can be done without risk. Fight fire from a safe distance or use hoses with support or cannon engine. Cool laterally with water containers exposed to flames, even after the fire is extinguished. Eliminate all ignition sources if safe to do so. Fight fire remotely due to the risk of explosion. Do not enter fire area without proper protective equipment, including respiratory protection.

Protection during firefighting : Use self-contained breathing apparatus and chemically protective clothing. Self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Eliminate every possible source of ignition. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous. Avoid contact with skin and eyes. May be harmful to aquatic organisms, to flora, to soil organisms. Clean up any spills as soon as possible, using an absorbent material to collect it. Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : No flames, no sparks. Eliminate all sources of ignition. Do not touch or walk on the spilled product. Evacuate area. Only qualified personnel equipped with suitable protective equipment may intervene. Notify fire brigade and environmental authorities.

6.1.2. For emergency responders

Protective equipment : Use self-contained breathing apparatus and chemically protective clothing. Gloves. Wear security glasses which protect from splashes. Self-contained breathing apparatus. Equip cleanup crew with proper protection.

Emergency procedures : Keep away from combustible material. All equipment used when handling the product must be grounded. Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous. Avoid discharge to atmosphere. Harmful to aquatic life. Do not allow product to spread into the environment. Notify authorities if product enters sewers or public waters.

6.3. Methods and materials for containment and cleaning up

For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.

Methods for cleaning up : Absorb remaining liquid with sand or inert absorbent and remove to safe place. Clean contaminated surfaces with an excess of water. Take up liquid spill into absorbent material.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Flammable vapours may accumulate in the container.

Precautions for safe handling : Provide adequate ventilation to minimize dust and/or vapour concentrations. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Handle carefully. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear personal protective equipment. Obtain special instructions before use. Use only outdoors or in a well-ventilated area. Prevent the build-up of electrostatic charge. Ensure good ventilation of the work station. Keep only in original container. Do not handle until all safety precautions have been read and understood.

Hygiene measures : Always wash hands after handling the product. Remove contaminated clothes. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Ensure adequate ventilation, especially in confined areas. Use only non-sparking tools. Ground/bond container and receiving equipment. Store in tightly closed, leak-proof containers.

Storage conditions : Keep cool. Store in a well-ventilated place. Keep container tightly closed. Keep only in original container. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep in fireproof place. Keep container closed when not in use. Store in a well-ventilated place. Keep cool. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Keep cool. Protect from sunlight.

Incompatible materials : combustible materials.

Packaging materials : Store always product in container of same material as original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

(526-73-8)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	10 ppm 10 ppm

8.2. Appropriate engineering controls

Appropriate engineering controls : Provide local exhaust or general room ventilation. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

8.3. Individual protection measures

Personal protective equipment:
Wear recommended personal protective equipment.

Hand protection:
Protective gloves made of PVC

Eye protection:
Wear closed safety glasses

Skin and body protection:
Wear suitable protective clothing

Respiratory protection:
Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

Personal protective equipment symbol(s):

SECTION 9: Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	:	Liquid
Appearance	:	Liquid under pressure.
Colour	:	product avaliable in several colors
Odour	:	characteristic
Odour threshold	:	> mg/m³
pH	:	Not available
Melting point	:	Not available
Freezing point	:	Not available
Boiling point	:	> 35 °C
Flash point	:	≥ 23 °C
Relative evaporation rate (butylacetate=1)	:	Not available
Flammability	:	
Explosive limits	:	Not available
Vapour pressure	:	Not available
Relative vapour density at 20°C	:	Not available
Relative density	:	Not available
Density	:	Not available
Solubility	:	Insoluble in water.
Partition coefficient n-octanol/water (Log Kow)	:	Not available
Auto-ignition temperature	:	Not available
Decomposition temperature	:	Not available
Viscosity, kinematic	:	Not available
Particle size	:	Not applicable
Particle size distribution	:	Not applicable
Particle shape	:	Not applicable
Particle aspect ratio	:	Not applicable
Particle specific surface area	:	Not applicable

9.2. Data relevant with regard to physical hazard classes

No additional information available

9.3. Further safety characteristics

No additional information available

SECTION 10: Stability and reactivity

Chemical stability : In use may form flammable/explosive vapour-air mixture. Extremely flammable aerosol. Pressurised container: May burst if heated.
Conditions to avoid : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid contact with hot surfaces. High temperature. Avoid formation of vapours.
Hazardous decomposition products : May liberate toxic gases.
Incompatible materials : Combustible materials.
Possibility of hazardous reactions : Liquids/vapours may ignite or react with other materials. May mass explode in fire. Heating may cause a fire or explosion.
Reactivity : The product is non-reactive under normal conditions of use, storage and transport.
Handling temperature : No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not available
Acute toxicity (dermal) : Not available
Acute toxicity (inhalation) : Not available

(9003-01-4)	
LD50 oral rat	2500 mg/kg (Rat, Literature study, Oral)

Xylene (1330-20-7)	
LD50 oral rat	> 3608 mg/kg (Rat, Oral)

Skin corrosion/irritation : Causes skin irritation.

(9003-01-4)	
pH	2.5 – 3 (1 %)

Serious eye damage/irritation : Causes serious eye irritation.

(9003-01-4)	
pH	2.5 – 3 (1 %)

Respiratory or skin sensitisation : Not available
Germ cell mutagenicity : Not available
Carcinogenicity : Not available
Reproductive toxicity : Not available
STOT-single exposure : Not available

(526-73-8)	
STOT-single exposure	May cause respiratory irritation.

(123-86-4)	
STOT-single exposure	May cause drowsiness or dizziness.

STOT-repeated exposure : Not available
Aspiration hazard : Not available

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

Symptoms/effects : May cause severe burns.
Symptoms/effects after inhalation : May cause drowsiness or dizziness. May cause irritation to the respiratory tract, sneezing, coughing, burning sensation of throat with constricting sensation of the larynx and difficulty in breathing.
Symptoms/effects after skin contact : Causes skin irritation. irritation (itching, redness, blistering).
Symptoms/effects after eye contact : May cause eye irritation. stinging. Redness.
Symptoms/effects after ingestion : Burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short–term (acute) : Harmful to aquatic life.

Hazardous to the aquatic environment, long–term (chronic) : Not available

(9003-01-4)	
LC50 - Fish [1]	580 – 2000 mg/l (96 h, Lepomis macrochirus, Literature study)

Xylene (1330-20-7)	
LC50 - Fish [1]	2.6 – 8.4 mg/l (Salmo gairdneri)
EC50 - Crustacea [1]	1.4 – 4.7 mg/l (48 h, Daphnia magna)
EC50 72h - Algae [1]	3.2 – 4.9 mg/l (Selenastrum capricornutum, Growth)

12.2. Persistence and degradability

UNIPEGA METALLIC SPRAY PAINT	
Persistence and degradability	Rapidly degradable

(9003-01-4)	
Persistence and degradability	Biodegradability in water: no data available.

(526-73-8)	
Persistence and degradability	Non degradable in the soil, Not readily biodegradable in water.

(123-86-4)	
Persistence and degradability	Not rapidly degradable

Xylene (1330-20-7)	
Persistence and degradability	Biodegradable in the soil, Readily biodegradable in water.
Biochemical oxygen demand (BOD)	1.4 – 2.53 g O_2/g substance
Chemical oxygen demand (COD)	2.56 – 2.91 g O_2/g substance
ThOD	3.1 g O_2/g substance
BOD (% of ThOD)	0.44 – 0.816

12.3. Bioaccumulative potential

(9003-01-4)	
Bioaccumulative potential	No bioaccumulation data available.

(526-73-8)	
BCF - Fish [1]	133 – 259 (Cyprinus carpio, Literature study)
Partition coefficient n-octanol/water (Log Pow)	3.66 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

Xylene (1330-20-7)	
BCF - Fish [1]	14.1 – 24 (Pisces)
BCF - Fish [2]	14.1 – 15 (Carassius auratus)
Partition coefficient n-octanol/water (Log Pow)	3.15 – 3.3 (Calculated)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

12.4. Mobility in soil

(9003-01-4)	
Ecology - soil	No (test)data on mobility of the substance available.

(526-73-8)	
Ecology - soil	Adsorbs into the soil.

Xylene (1330-20-7)	
Ecology - soil	May be harmful to plant growth, blooming and fruit formation.

12.5. Other adverse effects

Hazardous to the ozone layer : Not available

SECTION 13: Disposal considerations

Regional waste regulation : Law No. 12.305 on the National Policy on Solid Waste Management, 02 August 2010.
Waste treatment methods : Must follow special treatment according to local regulation.
Sewage disposal recommendations : Disposal must be done according to official regulations.
Product/Packaging disposal recommendations : Disposal must be done according to official regulations.
Additional information : Flammable vapours may accumulate in the container. Do not re-use empty containers.

SECTION 14: Transport information

14.1 National and international Regulations

Overland transport

UN-No. (ANTT) : 1950
Proper Shipping Name (ANTT) : AEROSSÓIS
Class (ANTT) : 2.1
Subsidiary risk (ANTT) : 2.1
Risk Number (ANTT) : 23
Packing group (ANTT) : II
Special provisions (ANTT) : 163,367
Dangerous for the environment : No

Transport by sea

UN-No. (IMDG) : 1950
Proper Shipping Name (IMDG) : AEROSSÓIS
Class (IMDG) : 2.1
Subsidiary hazard (IMDG) : 2.1
Packing group (IMDG) : II
EmS-No. (Fire) : F-E
EmS-No. (Spillage) : S-E
Special provisions (IMDG) : 163,367
Dangerous for the environment : No

Air transport

UN-No. (IATA) : 1950
Proper Shipping Name (IATA) : AEROSSÓIS
Class (IATA) : 2.1
Subsidiary hazards (IATA) : 2.1
Packing group (IATA) : II
Special provisions (IATA) : A3,A72,A192
Dangerous for the environment : No

14.2 Other informations

No additional information available

SECTION 15: Regulatory information

15.1. National regulations

Brazil Local Regulations : Standard ABNT NBR 14725.
Federal Decree no. 10.088, of 5 November 2019 – Promulgates Convention no. 170 of the WLO, relating to Safety in the Use of Chemicals in the Workplace, ratified by the Federative Republic of Brazil.
Ministerial Order no. 2.770, of 5 September 2022 – Approves the new wording of Regulatory Standard No. 26
Federal Decree no. 96.044, of 18 May 1988 - Approves Regulations for Road Transportation of Hazardous Materials
Resolution no. 5998, of November 3, 2022, updates the regulation for road transport of dangerous goods, approves its Complementary Instructions, and other measures.

SECTION 16: Other information

No additional information available

FDS AES 14725:2023

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.