

MATERIAL SAFETY DATA SHEET

CONFIRMS TO REGULATION GB/T 17519 and GB/T 16483

Version: 1.0
Revision date: 22-06-18

NAME: METALLIC PLASTIC SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier
Trade Name: Metallic Plastic Sheet, used as confetti and streamers.
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
Relevant identified use: Please consult manufacturer.

Uses advised against: Please consult manufacturer.
- 1.3 Details of the Supplier of the material safety data sheet

Company identification :

Magic FX BV
Schouwrooij 27
NL-5281 RE Boxtel
Tel: +31 (0)411-635013
Fax: +31 (0)411-635012
E-mail: info@magicfx.eu
<http://www.magicfx.eu>

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

2.1.1 Classification according to GB30000 series:

Skin corrosion / irritation	Category 3
Skin sensitisation	Category 1
Eye damage / irritation	Category 2B
Respiratory sensitisation	Category 1
Germ Cell Mutagenicity	Category 1
Carcinogenicity	Category 1
Reproductive Toxicity	Category 1
Hazardous to the aquatic environment short term hazard (acute)	Category 3
Hazardous to the aquatic environment long term hazard (chronic)	Category 3

2.2 Label elements



Health hazard

2.3 Hazard statements

H316	Causes mild skin irritation
H317	May cause an allergic skin reaction
H320	Causes irritation
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H341	Suspected of causing genetic defects
H350	May cause cancer
H360	May damage fertility or the unborn child
H402	Harmful to aquatic life
H412	Harmful to aquatic life with long lasting effects

2.4 Precautionary statements

Prevention

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P261	Avoid breathing dust/fume/gas/mist/vapours/spray
P264	Wash thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P271	Use only outdoors or in a well-ventilated area
P273	Avoid release to the environment
P280	Wear protective gloves/protective clothing/eye protection/face protection
P285	In case of inadequate ventilation, wear respiratory protection

Response

P363	Wash contaminated clothing before reuse
P302+P352	If on skin: Wash with plenty of water
P308+P313	If exposed or concerned: Get medical advice/attention
P333+P313	If skin irritation or rash occurs: Get medical advice/attention
P337+P313	If eye irritation persists: Get medical advice/attention
P342+P311	If experiencing respiratory symptoms: Call a poison center/doctor
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Storage

P405 Store locked up

Disposal

P501 Dispose of content/container in accordance with local/regional/national/international regulations

2.5 Hazard description

Physical and chemical hazards

No information available

Health hazards**Inhaled**

Inhalation of dusts or fumes may cause allergy or asthma symptoms or breathing difficulties. Inhalation of the product may produce adverse health effects or irritation of the respiratory tract following discomfort.

Ingestion

Accidental ingestion of the product may be harmful to the health of the individual.

Skin contact

The product may cause an allergic skin reaction following direct contact with the skin. The product can cause mild skin irritation following direct contact with the skin. Entry into the blood stream, through for example cuts, abrasions or lesions, may produce systemic injury with harmful effects.

Eye

This product may cause mild eye irritation. This product may cause temporary discomfort following direct contact with the eye.

Environmental hazards

This product is harmful to aquatic life (possibly with long lasting effects), please refer to 12th chapter of MSDS.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Ingredients

Component	Concentration (% of weight)	CAS No.	EC No.
Polyvinylchlorid	90	9002-86-2	208-750-2
Stabilizer	Commercial secrets	10124-43-3	233-334-2
Butyl stearate	Commercial secrets	123-95-5	204-666-5
Poly(oxy-1,2-ethanediyl), α -hydro-w-hydroxy-Ethane-1,2-diol, ethoxylated	Commercial secrets	25322-68-3	200-849-9
Castor oil	Commercial secrets	8001-79-4	232-293-8
Glycerol 1-stearate	Commercial secrets	123-94-4	204-664-4
Poly(styrene-co-butadiene-co-methyl methacrylate)	Commercial secrets	25053-09-2	-

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General information

If immediate medical attention is required. Show this material safety data sheet (MSDS) to the doctor in attendance.

Inhalation

Move victim into fresh air. If breathing is difficult, give oxygen. Do not use mouth to mouth resuscitation if victim ingested or inhaled the substance. If not breathing, give artificial respiration and consult a physician immediately.

Skin contact

Take off contaminated clothing and shoes immediately. Wash off with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.

Eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.

Ingestion

Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.

Protection of first-aiders

Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.

4.2 Most important symptoms and effects, both acute and delayed

1. Remove all sources of ignition and increase ventilation.
2. Avoid contact with skin and eyes.
3. Avoid inhalation of dusts.
4. Use personal protective equipment including respirator.

4.3 Indication of any immediate medical attention and special treatment needed

1. Treat symptomatically.
2. Symptoms may be delayed.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Dry chemical, carbon dioxide, water spray, alcohol-resistant foam.

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter or spread fire.

5.2 Special hazards arising from the substance or mixture:

1. Containers may explode when heated.
2. Fire exposed containers may vent contents through pressure relief valves.
3. May expansion or decompose explosively when heated or involved in fire.

5.3 Advice for firefighters

1. As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH) approved or equivalent) and full protective gear.
2. Fight fire from a safe distance, with adequate cover.
3. Prevent fire extinguishing water from contaminating surface water or the ground water system.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures
1. Ensure adequate ventilation. Remove all sources of ignition.
 2. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
 3. Use personal protective equipment. Avoid breathing vapours, mist, gas or dust.
- 6.2 Environmental precautions
1. Prevent further leakage or spillage if safe to do so.
 2. Discharge into the environment must be avoided.
- 6.3 Methods and material for containment and cleaning up
1. Absorb spilled material in dry sand or inert absorbent. In case of large amount of spillage, contain a spill by bunding.
 2. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.
 3. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.

SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling
1. Handling is performed in a well ventilated place.
 2. Wear suitable protective equipment.
 3. Avoid contact with skin and eyes.
 4. Keep away from heat/sparks/open flames/ hot surfaces.
 5. Take precautionary measures against static discharges.
- 7.2 Conditions for safe storage, including any incompatibilities
1. Keep containers tightly closed.
 2. Keep containers in a dry, cool and well-ventilated place.
 3. Keep away from heat/sparks/open flames/ hot surfaces.
 4. Store away from incompatible materials and foodstuff containers.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational Exposure Limit Values: No information available

Biological Limit Values: No information available

Monitoring Methods:

1. EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.
2. GBZ/T 160.1~GBZ/T 160.81-2004 Determination of toxic substances in workplace air (Series standard).

8.2 Exposure controls

1. Ensure adequate ventilation, especially in confined areas.
2. Ensure that eyewash stations and safety showers are close to the workstation location.
3. Use explosion-proof electrical/ventilating/lighting/equipment.
4. Set up emergency exit and necessary risk-elimination area.

8.3 Personal Protection Equipment

Eye protection

Tightly fitting safety goggles approved by EN 166(EU) or NIOSH(US).

Hand protection

Wear protective gloves (such as butyl rubber), passing the tests according to EN 374(EU),US F739 or AS/NZS 2161.1 standard.

Respiratory protection

If exposure limits are exceeded or if irritation or other symptoms are experienced, use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges.

Skin / Body protection

Wear fire/flame resistant/retardant clothing and antistatic boots.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a) Appearance:	Metallic coloured
b) Odour:	No information available
c) Odour threshold:	No information available
d) pH	No information available
e) Melting point/freezing point:	No information available
f) Initial boiling point and boiling range:	No information available
g) Flash point:	Not applicable
h) Evaporation rate:	Not applicable
i) Flammability (solid, gas):	Not applicable
j) Upper/lower flammability or explosive limits:	No information available
k) Vapour pressure:	Not applicable
l) Vapour density:	Not applicable
m) Relative density:	No information available
n) Solubility:	No information available
o) Partition coefficient: n-octanol/water:	No information available
p) Auto-ignition temperature:	No information available
q) Decomposition temperature:	No information available
r) Viscosity:	Not applicable

SECTION 10: STABILITY AND REACTIVITY

- 10.1 **Reactivity**
Contact with incompatible substances can cause decomposition or other chemical reactions.
- 10.2 **Chemical stability**
Stable under proper operation and storage conditions.
- 10.3 **Possibility of hazardous reactions**
No information available.
- 10.4 **Conditions to avoid**
Incompatible materials, heat, flame and spark.
- 10.5 **Incompatible materials**
No information available.
- 10.6 **Hazardous decomposition products**
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

- a) **Acute toxicity:** No information available

ID	CAS No.	Component	LD ₅₀ (Oral)	LD ₅₀ (Dermal)	LC ₅₀ (Inhalation, 4h)
1	10124-43-3	Stabilizer	424 mg/kg (Rat)	No information available	No information available
2	123-95-5	Butyl stearate	32000 mg/kg (Rat)	No information available	No information available

- b) **Skin corrosion/irritation:** Causes mild skin irritation (Category 3)
 c) **Serious eye damage/irritation:** Causes eye irritation (Category 2B)
 d) **Respiratory or skin sensitisation:** May cause an allergic skin reaction (Category 1)
 e) **Germ cell mutagenicity:** Suspected of causing genetic defects (Category 2)
 f) **Carcinogenicity:**

ID	CAS No.	Component	IARC	NTP
1	9002-86-2	Polyvinylchlorid	Category 3	Not listed
2	10124-43-3	Stabilizer	Not listed	Not listed
3	123-95-5	Butyl stearate	Not listed	Not listed
4	25322-68-3	Poly(oxy-1,2-ethanediyl), α -hydro-w-hydroxy-Ethane-1,2-diol, ethoxylated	Not listed	Not listed
5	8001-79-4	Castor oil	Not listed	Not listed
6	123-94-4	Glycerol 1-stearate	Not listed	Not listed
7	25053-09-2	Poly(styrene-co-butadiene-co-methyl methacrylate)	Not listed	Not listed

- g) **Reproductive toxicity:** No information available
 h) **TOT-single exposure:** No information available
 i) **STOT-repeated exposure:** No information available
 j) **Aspiration hazard:** No information available

SECTION 12: ECOLOGICAL INFORMATION

12.1 Acute aquatic toxicity

ID	CAS No.	Component	Fish	Crustaceans	Algae
1	10124-43-3	Stabilizer	LC ₅₀ 3.75 mg/L (92H)	No information available	No information available

12.2 Chronic aquatic toxicity No information available.

12.3 Others

- a) **Persistence and degradability:** No information available
- b) **Bioaccumulative potential:** No information available
- c) **Mobility in soil:**
- d) **Results of PBT and VPvB Assessment:**
All components do not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, annex XIII.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste chemicals

Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal.

13.2 Contaminated packaging

Containers may still present chemical hazard when empty. Keep away from hot and ignition source of fire. Return to supplier for recycling if possible.

13.3 Disposal Recommendations

Refer to section 13.1 and 13.2

SECTION 14: TRANSPORT INFORMATION

14.1 Transporting label

Not applicable

14.2 UN Number

Not applicable

14.3 UN proper shipping name

Not regulated for transport of dangerous goods.

14.4 Transport hazard class

Not applicable

14.5 Transport subsidiary hazard class

Not applicable

14.6 Packing group

Not applicable

SECTION 15: REGULATORY INFORMATION

15.1 International Chemical Inventory

Component	EINECS	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AICS	ENCS
Polyvinylchlorid	√	√	√	√	√	√	√	√	√
Stabilizer	√	√	√	√	√	√	√	√	√
Butyl stearate	√	√	√	√	√	√	√	√	√
Poly(oxy-1,2-ethanediyl), α -hydro-w-hydroxy-Ethane-1,2-diol, ethoxylated	√	√	√	√	√	√	√	√	√
Castor oil	√	√	√	√	√	√	√	√	√
Glycerol 1-stearate	√	√	√	√	√	√	√	√	√
Poly(styrene-co-butadiene-co-methyl methacrylate)	×	√	√	√	√	√	√	√	√

(EINECS) European Inventory of Existing Commercial Chemical Substances.

(TSCA) United States Toxic Substances Control Act Inventory.

(DSL) Canadian Domestic Substances List.

(IECSC) China Inventory of Existing Chemical Substances.

(NZIoC) New Zealand Inventory of Chemicals.

(PICCS) Philippines Inventory of Chemicals and Chemical Substances.

(KECI) Existing and Evaluated Chemical Substances.

(AICS) Australia Inventory of Chemical Substances.

(ENCS) Existing And New Chemical Substances.

15.2 Chinese chemical inventory

Component	A	B	C	D	E	F	G	H	I
Polyvinylchlorid	x	x	x	x	x	x	x	x	x
Stabilizer	√	x	x	x	x	x	x	x	x
Butyl stearate	x	x	x	x	x	x	x	x	x
Poly(oxy-1,2-ethanediyl), α -hydro-w-hydroxy-Ethane-1,2-diol, ethoxylated	x	x	x	x	x	x	x	x	x
Castor oil	x	x	x	x	x	x	x	x	x
Glycerol 1-stearate	x	x	x	x	x	x	x	x	x
Poly(styrene-co-butadiene-co-methyl methacrylate)	x	x	x	x	x	x	x	x	x

- Catalog of Hazardous Chemicals (2015 Edition), Notice 5th 2015, China State Administration of Work Safety.
- Catalog of Priority Hazardous Chemicals for Environment Management, Notice 33th 2014, Ministry of Environmental Protection of PRC.
- List of Toxic Chemicals Restricted to be Imported/Exported in China, Notice 85th 2013, Ministry of Environmental Protection of PRC.
- Catalog of Stupefacient and Psychotropic Substances (2013 Edition), Notice 230th 2013, China Food and Drug Administration.
- Catalog of Hazardous Chemicals for Priority Management (First and Second batches), Notice 95th, 2011, Notice 12th 2013, China State Administration of Work Safety.
- List of Ozone Depletion Chemicals Controlled to be Imported/Exported in China (First to Sixth batches), Notice from 2000 to 2012 Ministry of Environmental Protection of PRC.
- Dangerous Chemicals Directory Used to Manufacture Exploder (2011 Edition), Notice 25th Nov. 2011, Ministry of Public Security of PRC1.
- Catalog of National Dangerous Wastes Annex A, Notice 1th 2008, Ministry of Environmental Protection of PRC.
- Catalog of Highly Toxic Chemicals, Notice 142th 2003, China Ministry of Health.

Note

“√” Indicates that the substance is included in the regulations.

“x” That no data is included in the regulations.

SECTION 16: OTHER INFORMATION

Creation Date: 22-6-2018
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 Reason for Revision -

> Disclaimer

This Material Safety Data Sheet (MSDS) was prepared according to GB/T16483-2013 and GB/T17519-2008. The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user's reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product..