

Safety Data Sheet

Lead Tin Yellow Light - 512



according to 1907/2006/EC as revised by 453/2010/EC

Feb-20

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name Lead Tin Yellow Light
Chemical Name Lead Stannate. Pb₂SnO₄
 C.I.Pigment Yellow 41.Type 1.
C.A.S. 12036-31-6.

1.2 Relevant identified uses of the substance.

Artists Pigment

1.3 Details of the supplier of the safety data sheet

Michael Harding Art Formulas LTD

Unit K Springvale Ind Est

Cwmbran

Torfaen

NP44 5BE

United Kingdom

Tel: +44(0)1633484700

Email: accounts@michaelharding.co.uk

1.4 Emergency telephone number:

+44(0)1633484700

Hours of operation: Mon-Thur 08:00 - 16:30 hours

 Friday. 08:00 - 15:30 hours

2. Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

H.302. Harmful if swallowed.

H.332. Harmful if inhaled.

H.360. May damage fertility of unborn child.

H.373. May cause damage to organs through prolonged or repeated exposure.

H.410. Very toxic to aquatic life with long lasting effects.

2.2. Hazard designation :



GHS07.



GHS08-2.



GHS09.

Safety designation

P.260. Do not breathe dust/fume/gas/mist/vapours or spray.

P.281. Use personal protective equipment as required.

P.304 /340. If inhaled remove to fresh air and keep at rest in a position comfortable for breathing.

P.405. Store in a locked room.

P.501. Dispose of contents / container in accordance with regional,national and international regulations.

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3 Composition/information on ingredients

Chemical Composition Lead Stannate. Pb₂SnO₄

4 First Aid Measures

Inhalation Remove patient to fresh air, loosen clothing & seek medical attention.

Skin Wash immediately with plenty of soap and water.

Eyes Rinse eyes under running water for several minutes. If irritation continues seek medical advice.

5 Fire Fighting Measures

- 5.1 Extinguishing media** Foam, carbon dioxide (CO₂),extinguishing powder or water jet.
- 5.2 Special hazards arising from the substance or mixture**
Respiratory protection necessary.
- 5.3 Advice for firefighters**
Wear self-contained respiratory protective equipment.

6 Accidental Release Measures

- 6.1 Personal precautions**
Avoid causing dust.Wear appropriate protective device.
- 6.2 Environmental precautions**
Prevent contamination of soil,drains and surface water.
- 6.3 Methods and material for containment and cleaning up**
Avoid dust formation.Use damp or absorbant material.

7 Handling and Storage

- 7.1 Precautions for safe handling**
Avoid dust and provide adequate ventilation.
- 7.2 Conditions for safe storage, including any incompatibilities**
Store in sealed containers in dry room.

8. Exposure Controls/Personal Protective Equipment

- 8.1 Control parameters**
- 8.2. Exposure Controls**
General protective measures
Keep away from foodstuffs and drink.Do not eat,drink or smoke whilst using the product.Wash hands after working with the product.
- Personal Protective Equipment**
Use respiratory protection and eye protection if production of dust is likely.

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9. Physical & Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance & Odour	Yellow , odourless powder.
Flash Point	Not applicable.
Flammability	Does not support combustion.
Explosive Properties	Non explosive.
Oxidising Properties	No information available
Density	6.0 g/cm ³
Solubility in water	Insoluble.
Melting Point	N.A.

10. Stability and Reactivity

10.1 Reactivity Stable if used according to specifications.

10.2 Chemical stability Stable if used according to specifications.

10.3 Hazardous reactions No information available.

10.4 Conditions to avoid No information available.

10.5 Incompatible materials No information available.

10.6 Hazardous decomposition products
None if stored and handled according to specifications

11. Toxicological Information

Information on toxicological effects

Acute Toxicity	
LD 50.Oral	No information available.
LD.50 Dermal	No information available.
LC.50 Inhalation	No information available.
Irritant to skin	No-irritating (rabbit)
Irritant to eyes	Non-irritating (rabbit)
Inhalation	No information available.
Ingestion	No information available.
Reproductive toxicity	Risk of impairing human fertility.
Mutagenicity	Lead - no detailed information available.
Specific target organ toxicity	Repeated exposure may cause damage to organs.

12. Ecological Information

Aquatic toxicity	Toxic for aquatic organisms.May cause long term adverse effects in the aquatic environment.
Persistence and Degradability	Lead may be dissolved in acid or alkaline liquids.
Bioaccumulation	The product contains lead ,thus any exposure to the environment must be eliminated.
Other adverse effects	
Water Hazard class	3.Hazardous.

13. Disposal Considerations

Dispose of according to official national and local regulations.

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14. Transport Information

UN Number.

ADR,IMDG,IATA. 2291

UN.Shipping Name.

2291 Lead Stannate

Transport Hazard Class.

ADR Class 6.1

Hazard no 6.1

Classification code T.5.

Packing Group

111

15. Regulatory Information

Water hazard class.

3.very hazardous for water.

16. Other Information

Store, handle and use in accordance with good hygiene practices and in conformity with any legal regulations.

The information contained in this data sheet is based on present knowledge and is intended to describe our product for safety requirements.It should therefore not be construed as guaranteeing specific properties.

