

**SAFFTY DATA SHEET (91/155/EEC)***Product***1. Declarations to the product**Commercial product name: **73-91686\_UNICORN**

Manufacturer/Supplier: : LION PENCIL CO.,LTD

Street/PO.Box: NO.186, SEC.1,CHUNG-SHAN ROAD,PAN CHIAO,NEW TAIPEI CITY,220,  
Taiwan,R.O.C

Nat. Code./Location:

Tel : + 886-2-2963-1717

Information from Department: : Lion Laboratory

Date : 2021/05/14

**2. Chemical characterization**

Aqueous dispersion of pigments and resins

Hazardous ingredients according to 91/155/EEC

	Ingredients	CAS No.	Composition(in % by weight)								
			1(WH) (#101)	2 (#65)	3(BL) (#100)	4(SL) (#105)	5(VD) (#106)	6(GN) (#127)	7(MG) (#130)	8(AM) (#131)	
1	Hydroxy Ethylcellulose	9004-62-0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
2	Dithio-2,2'-bis (benzmenthylamide)	2527-58-4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
3	Propylene Glycol	57-55-6	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	
4	Dispersing agent N	9084-06-4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	
5	Calcium Carbonate	00471-34-1	13.7	12.5	24.9	13.2	12.67	10.2	11.3	11.25	
6	Water	7732-15-5	45.8	48.42	51.6	41.77	39.95	47.06	47.2	48.91	
7	Acylate Copolymer	25067-01-0 7732-15-5	15.0	26.8	15.0	26.4	25.3	27.8	26.4	25.3	
8	Titanium Dioxide	13463-67-7	18.3	2.95		5.5	14.78	0	0.7	0	
9	Brown Pigment	1309-37-1									
10	Red Pigment	2786-76-7									
11	Red Pigment	15782-05-5					0.03				
12	Ocher Pigment	51274-00-1									
13	Orange Pigment	6505-28-8									
14	Pink Pigment	81-88-9							7.1		
15	Violet Pigment	6358-30-1		1.95			0.03				
16	Black Pigment	1333-86-4			1.3		0.04		0.1		
17	Yellow Pigment	6486-23-3				5.71					
18	Yellow Pigment	6358-37-8				0.22					
19	Green Pigment	1328-53-6									
20	Blue Pigment	147-14-8		0.18				7.74			
21	FL. Pink Pigment	3068-39-1									
22	FL. Yellow Pigment	6358-69-6								2.13	
23	FL. Blue Pigment	3844-45-9								5.21	
24	SUM		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

**SAFFTY DATA SHEET (91/155/EEC)****Product****3. Possible hazards**

none if used for intended purpose

**4. First aid measures**

**INHALATION:** It is unlikely that emergency treatment will be required. Remove from exposure. Get medical attention, if needed.

**SKIN CONTACT:** If adverse effects occur, wash with soap or mild detergent and large amounts of water. Get medical attention, if needed.

**EYE CONTACT:** Wash with large amounts of water or normal saline until no evidence of chemical remains (at least 15-20 minutes). Get medical attention immediately.

**INGESTION:** Contact local poison control center or physician immediately.

**5. Fire-fighting measures**

Suitable extinguishing media: Water, carbon dioxide or chemical foam

Special hazards from its combustion products:

Avoid inhalation of material or combustion by-products.

**6. Measures for accidental spillage**

OCCUPATIONAL RELEASE:

Collect spilled material in appropriate container for disposal.

**7. Handling and storage**

**STORAGE:** Store and handle in accordance with all current regulations and standards.

See original container for storage recommendations.

**HANDLING:** Use methods to minimize dust.

**Waste Disposal Method:** Waste disposal should be in accordance with existing federal, state & local environmental Regulations.

**Other Precautions :** None

**8. Exposure Controls, Personal Protection**

LION ACRYLIC COLOR : No occupational exposure limits established.

VENTILATION: Based on available information, additional ventilation is not required.

EYE PROTECTION: Eye protection not required under normal conditions.

CLOTHING : Protective clothing is not required under normal conditions.

GLOVES : Protective gloves are not required under normal conditions.

RESPIRATOR : No respirator is required under normal conditions of use. Under conditions of frequent use or heavy exposure, respiratory protection may be needed.

**SAFFTY DATA SHEET (91/155/EEC)****Product****9. Physical and chemical properties**

Physical Form: Paste                      Colour: 8                      Odour: Odorless to mild  
Melting Point : n /a                      Flash Point : n /a  
Self Ignition temperature: n /a  
Density: 1.2±0.2 kg/m<sup>3</sup>  
Solubility in /miscibility with water : soluble

**10. Stability and reactivity Stability**

REACTIVITY : Stable at normal temperatures and pressure.  
CONDITIONS TO AVOID : None reported.  
INCOMPATIBILITIES : Oxidizing materials.  
HAZARDOUS DECOMPOSITION : Thermal decomposition products, oxides of carbon .  
POLYMERIZATION: Will not polymerize.

**11. Declarations to toxicology**

Product has been certified as non-toxic.  
Lion Acrylic Colors also got the ASTM F963, D-4236 & EN 71-3 non-toxic approval.

**12. Remarks on ecology**

Biodedration : Not available  
Fish Toxicity : Not available

**13. Disposal**

No special measures are needed us the waste is non-harzardous.

**14. Regulations for transport**

UN-No.: None                      Packing group: None  
ADR/RID : None  
Class: None                      number: None  
IMDG: None  
EmS: None                      MFA: None  
Marine Pollutant : None                      ICAO-TI und IATA-DGR: None

**15. Regulations according to directive 1999/45/EC**

Not classified as "dangerous" .  
No labelling is required in accordance with to EEC directives.

---

**SAFFTY DATA SHEET (91/155/EEC)**

***Product***

---

**16. Further Information:**

This preparation contains hazardous ingredients with following R-phrases :

The specifications are supplied to the best of knowledge.

No claims may be derived from this data sheet.

This preparation contains no hazardous ingredients.

The SDS issues by laboratory of **LION PENCIL CO., LTD.**