

SAFFTY DATA SHEET (91/155/EEC)*Product***1. Declarations to the product**Commercial product name: [73-91738_FLOWERY LLAMA](#)

Manufacturer/Supplier: : LION PENCIL CO.,LTD

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Taiwan,R.O.C

Nat. Code./Location:

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Information from Department: : Lion Laboratory

Date : 2021/05/12

2. Chemical characterization

Aqueous dispersion of pigments and resins

Hazardous ingredients according to 91/155/EEC

	Ingredients	CAS No.	Composition(in % by weight)								
			1 (#67)	2 (#28)	3 (#68)	4(BL) (#100)	5(PK) (#126)	6(AM) (#131)			
1	Hydroxy Ethylcellulose	9004-62-0	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			
3	Propylene Glycol	57-55-6	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			
5	Calcium Carbonate	00471-34-1	14.2	13.0	13.2	24.9	13.8	11.25			
6	Water	7732-15-5	42.5	46.4	48.66	51.6	37.42	48.91			
7	Acylate Copolymer	25067-01-0 7732-15-5	26.3	27.0	26.4	15.0	28.0	25.3			
8	Titanium Dioxide	13463-67-7	2.4	2.0	3.0		6.1	0			
9	Brown Pigment	1309-37-1									
10	Red Pigment	2786-76-7									
11	Red Pigment	15782-05-5					0.25				
12	Ocher Pigment	51274-00-1	5.6	1.2	0.22						
13	Orange Pigment	6505-28-8	0.9		1.1		7.21				
14	Pink Pigment	81-88-9					0.02				
15	Violet Pigment	6358-30-1									
16	Black Pigment	1333-86-4	0.7			1.3					
17	Yellow Pigment	6486-23-3		1.0							
18	Yellow Pigment	6358-37-8			0.22						
19	Green Pigment	1328-53-6	0.2	2.2							
20	Blue Pigment	147-14-8									
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			

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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.

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Physical Form: Paste Colour: 6 Odour: Odorless to mild
Melting Point : n /a Flash Point : n /a
Self Ignition temperature: n /a
Density: 1.2±0.2 kg/m³
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.

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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.**