

SAFFTY DATA SHEET (91/155/EEC)*Product***1. Declarations to the product**Commercial product name: [73-91425_LAKESIDE VILLAGE](#)

Manufacturer/Supplier: : LION PENCIL CO.,LTD

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Nat. Code./Location: Tel : +886-2-2963-1717

Information from Department: : Lion Laboratory

Date : 2021/06/23

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 (#2)	3 (#10)	4 (#21)	5 (#23)	6 (#25)	7 (#31)	8 (#46)	9 (#49)
1	Hydroxy Ethylcellulose	9004-62-0	0.7	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	0.1
3	Propylene Glycol	57-55-6	5.0	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	1.4
5	Calcium Carbonate	00471-34-1	13.7	15.0	15.0	13.2	13.22	11.3	14.2	12.4	14.4
6	Water	7732-15-5	45.8	41.17	45.1	46.1	41.96	48.5	45.6	39.1	43.2
7	Acylate Copolymer	25067-01-0 7732-15-5	15.0	25.0	28.3	26.4	26.44	25.5	29.0	24.7	25.3
8	Titanium Dioxide	13463-67-7	18.3	10.2	1.2	6.1	7.7	4.5	0.3	16.5	10.6
9	Brown Pigment	1309-37-1									
10	Red Pigment	2786-76-7									
11	Red Pigment	15782-05-5		1.3	2.95						
12	Ocher Pigment	51274-00-1				0.9	1.54	0.5			
13	Orange Pigment	6505-28-8			0.25		0.25				
14	Pink Pigment	81-88-9									
15	Violet Pigment	6358-30-1									
16	Black Pigment	1333-86-4		0.13							0.1
17	Yellow Pigment	6486-23-3				0.1	0.22	1.9			
18	Yellow Pigment	6358-37-8					1.47	0.5			
19	Green Pigment	1328-53-6							3.7		
20	Blue Pigment	147-14-8								0.1	
21	FL. Pink Pigment	3068-39-1									
22	FL. Yellow Pigment	6358-69-6									
23	FL. Blue Pigment	3844-45-9									
24	SUM		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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	Ingredients	CAS No.	Composition(in % by weight)								
			10 (#51)	11 (#53)	12 (#59)	13 (#69)	14 (#72)	15 (#80)	16 (#82)	17 (#94)	18(AV) (#103)
1	Hydroxy Ethylcellulose	9004-62-0	0.7	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	0.1
3	Propylene Glycol	57-55-6	5.0	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	1.4
5	Calcium Carbonate	00471-34-1	13.7	14.15	13.2	14.9	14.4	12.8	14.0	12.9	12.5
6	Water	7732-15-5	43.7	45.4	47.24	45.7	46.5	44.8	44.8	41.0	46.6
7	Acylate Copolymer	25067-01-0 7732-15-5	27.4	28.3	26.5	27.8	24.0	28.5	28.0	25.9	27.8
8	Titanium Dioxide	13463-67-7	6.8	2.36	2.1	1.2	5.8	1.2		12.9	1.2
9	Brown Pigment	1309-37-1				2.0		3.5	1.8		
10	Red Pigment	2786-76-7				0.2					3.0
11	Red Pigment	15782-05-5			3.15						
12	Ocher Pigment	51274-00-1				0.9					
13	Orange Pigment	6505-28-8					1.9				
14	Pink Pigment	81-88-9					0.1				0.5
15	Violet Pigment	6358-30-1		0.24	0.61						
16	Black Pigment	1333-86-4	0.5	0.94		0.1	0.1	2.0	4.2	0.07	
17	Yellow Pigment	6486-23-3	0.1								
18	Yellow Pigment	6358-37-8									
19	Green Pigment	1328-53-6								0.03	
20	Blue Pigment	147-14-8									1.2
21	FL. Pink Pigment	3068-39-1									
22	FL. Yellow Pigment	6358-69-6									
23	FL. Blue Pigment	3844-45-9									
24	SUM		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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.

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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.

9. Physical and chemical properties

Physical Form: Paste

Colour: 18

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.

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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-hazardous.

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.

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.
