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Markal Paintstiks

(TNL 984030-984191 + 984261-984277)

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

Product name: Markal Paintstiks and Mini Markal Paintstik sets

Product code: 984030, 984031, 984032, 984033, 984034, 984035, 984036, 984037, 984124, 984142, 984143, 984144, 984145, 984146, 984147, 984148, 984149, 984150, 984151, 984152, 984153, 984154, 984155, 984156, 984157, 984158, 984159, 984160, 984161, 984162, 984163, 984164, 984165, 984167, 984168, 984169, 984170, 984171, 984172, 984173, 984175, 984176, 984178, 984179, 984180, 984181, 984188, 984191, 984261, 984262, 984263, 984264, 984274, 984275, 984276, 984277

Relevant identified uses of the substance or mixture:
Artist Oil Paintsticks

Company name: LA-CO Industries, Inc/Markal
1201 Pratt Blvd
Elk Grove Village, IL 60007-5746

Tel: 847-956-7600
Fax: 847-956-9885
Email: ddelorenzo@laco.com

For transportation Emergencies only call: 001-847-956-7600

For health emergencies call the Poison Control Center: 001-800-222-1222

2. Hazards identification

2.1. Classification of the substance or mixture

Hazardous to the Aquatic Environment - Acute - Category 1
Hazardous to the Aquatic Environment - Chronic - Category 1
Skin Sensitization - Category 1

2.2. Label elements:



Signal word

Danger

Hazard Statements

May Cause an allergic skin reaction. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects

2.3. Precautionary Statements

Prevention

Avoid breathing dust/fume/gas/mist/vapours/spray. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment.

Wear protective gloves/protective clothing/eye protection/face protection.

Response

Wash contaminated clothing before reuse. Collect spillage. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: get medical advice/attention.

3. Composition/information on hazardous ingredients

3.1. Substances	Hazardous ingredients	CAS/EC #	PEL/TLV (MG/M#)	Max % weight	NTP	IARC
	Zinc oxide	1314-13-2	N/A	2.40000	N	N
	Rosin	8050-09-7	N/A	1.87000	N	N

4. First aid measures

4.1. Description of first aid measures

If skin irritation or rash occurs: get medical advice/attention.

4.2. Most important symptoms and effects, both acute and delayed

No acute health effects expected.

4.3. Indication of any immediate medical attention and special treatment needed

None required

5. Fire-fighting measures

5.1. Extinguishing media

Not combustible or explosive, use media suitable for surrounding area fire.

5.2. Special hazards arising from the substance or mixture

Not combustible or explosive

5.3. Advice for fire-fighters

No one other than trained fire fighters should attempt to fight fires. No special requirements/fire fighting procedures.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No protective equipment/emergency procedures required

6.2. Environmental precautions:

Do not allow to enter water systems

6.3. Methods and material for containment and cleaning up

Clean up in accordance with all applicable regulations. Absorb spillage with non-combustible, absorbent material.

6.4. Reference to other sections

For waste disposal see section 13

7. Handling and storage

7.1. Precautions for safe handling:

Good industrial hygiene practice requires that exposure be maintained below the TLV. This is preferably achieved through the provision of adequate ventilation. When exposure cannot be adequately controlled in this way, personal respiratory protection should be employed.

7.2. Conditions for safe storage, including any incompatibilities

N/A

8. Exposure controls/personal protection

8.1. Exposure controls:

Personal protective equipment

Respiratory protection:	None required
Hand protection:	None required
Eye protection:	None required
Body protection:	None required

8.3 General safety and Hygiene measures:

Good industrial hygiene practice requires that exposure be maintained below the TLV. This is preferably achieved through the provision of adequate ventilation. When exposure cannot be adequately controlled in this way, personal respiratory protection should be employed.

9 Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical form	Solid
Colour	Varied
Odour	N/A
pH value:	N/A
Boiling point (°C)	N/A
Sublimation Temperature:	N/A
Flash point	N/A
Evaporation rate:	N/A
Flammability	Not flammable
Lower explosion limit:	N/A
Upper explosion limit:	N/A
Vapour pressure	N/A
Density	N/A
Reactivity in water	N/A
Solubility in water	N/A
Specific gravity	N/A

10. Stability and reactivity

10.1. Reactivity

Non-reactive

10.2. Chemical stability

Stable

10.3. Possibility of hazardous reactions

N/A

10.4. Conditions to avoid

N/A

10.5. Incompatible materials

N/A

10.6. Hazardous decomposition products

N/A

11. Toxicological information

Acute effects associated with use of this material: None expected

The summated LD50 is >50000mg/kg

The summated LC50 is 99999mg/cubic meter.

This product is not considered to be a known or suspected human carcinogen by NTP, IARC or OSHA (see section 3)

12. Ecological information

12.1 Toxicity

Very toxic to aquatic life

Very toxic to aquatic life with long lasting effects

13. Disposal considerations

RCRA Hazard class (40 CFR 261): This product is not classified as a hazardous waste

13.1 Waste disposal method

Dispose of in accordance with federal, state and local regulations.

14. Transport information

U.S. DOT (49 CFR 172. 101): This is not a hazardous material as classified by CFR 172.101

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Contents of this SDS comply with OSHA hazard communication standard 29 CFR 1910.1200

EPA SARA Title 3 chemical listings: None

Section 302.4 extremely hazardous substances (40 CFR 355): None

Section 313 toxic chemicals (40CFR 372): None

International regulations

Canadians WHMIS: This product is a controlled product under Canada's workplace hazardous materials information system. It contains the following toxic or highly toxic materials:

Copper phthalocyanine

Ferric oxide

Linseed oil

Mica

Zinc oxide

Supplemental state compliance information:

This product contains the following chemical(s) listed under New Jersey's right to know program:

Mica

Pigment red 101

Pigment white 6

Zinc Oxide

This product contains the following chemical(s) requiring notification to the state of Washington under their children's safety act: None

This product contains the following chemical(s) listed in Florida's toxic substance list:

Iron Oxide fume
Mica dust
Zinc Oxide fume

This product contains the following chemical(s) listed in Maine's priority chemical list:

None

This product contains the following chemical(s) considered by Vermont as being of very high concern to children:

None

This product contains the following chemical(s) listed in Massachusetts hazardous substance list:

Calcium Carbonate
Carbon black
Iron Oxide fume
Mica dust
Titanium Dioxide
Zinc Oxide fume

This product contains the following chemical(s) listed on Michigan's critical materials register:

None

This product contains the following chemical(s) listed on Minnesota's hazardous substances list:

Calcium Carbonate
Carbon black
Iron Oxide fume (Fe2O3) as Fe
Limestone
Rosin core solder decomposition products
Titanium Dioxide
Zinc Oxide fume and dust

This product contains the following chemical(s) listed in Pennsylvania's hazardous substances list:

Carbon black
Iron Oxide
Limestone
Linseed oil
Mica group minerals
Titanium Oxide
Zinc Oxide

15.2. Chemical safety assessment

Under CPSC's consumer product regulations (16 CFR 1500.3 and 1500.14), this product has the following required acute and chronic hazard labelling: **None**

16. Other information

Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained within this document applies to this specific material as supplied. It may not be valid for this material if used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.

Prepared by Duke OEM Toxicology