

Material Safety Data Sheet

SDS date: 11-07-2013

SDS version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product Identifier

Trade Name: Glitter Deco Fabric Marker

Product- no.: -

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended uses: Colors for hobby use.

1.3. Details of the supplier of the safety data sheet

Company and address

Creotime.com
Rasmus Færchs Vej 23
7500 Holstebro
Denmark
Tlf.: +45 96 13 30 10

Contact person and E-mail:

Henriette Juhl Jensen, info@creotime.com

The Safety data sheet is completed and validated by:

mediator.as, Centervej 2, DK-6000 Kolding. Consultant: LMJ

1.4. Emergency telephone number

Use your national or local emergency number - See section 4 "First aid measures".

SECTION 2: Hazards identification

2.1. Classification of substance or mixture

The product shall not be classified as hazardous according to the classification and labeling rules for substances and mixtures.

2.2. Label elements

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2.3. Other hazards

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Additional labelling:

Safety data sheet available on request.

Additional warnings:

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SECTION 3: Composition/information on ingredients

3.1./3.2. Substances/Mixtures

Substance	EU-Index no.	Cas / EINECS no.	DSD classification/CLP-classification	w/w%	Note
Aluminium	-	7429-90-5/ 231-072-3	-	0-2	-
Iron(III)oxide	-	1309-37-1/ 215-168-2	-	0-3	-
Siliciumdioxide	-	12001-26-2/ 310-127-6	-	1-5	-
Titanium dioxide	-	13463-67-7/ 236-675-5	-	1-5	-
Ethanol	603-002-00-5	64-17-5/ 200-578-6	F;R11 Flam. Liq. 2;H225	0-2	1
Propan-2-ol	603-117-00-0	67-63-0/ 200-661-7	F;R11 Xi;R36 R67 Flam. Liq. 2;H225, Eye Irrit.2;H319, STOT SE 3;H336	0-2	1
Ethylen glycole	-	107-21-1/ 203-473-3	Xn;R22 Acute Tox. 4;H302	1-5	-
Alkoholethoxylate C13	-	69011-36-5/ -	Xi;R38 R41 Skin Irrit. 2;H315 Eye Dam. 1;H318	0-2	-
Ethoxylated fatty alcohol C12-14, 2-5 EO	-	68439-50-9/-	Xi;R41 N;R51/53 Eye Dam. 1;H318 Aquatic Acute 2;H411	0-2	-

1= Organic solvent.

SECTION 4: First aid measures

4.1. Description of first aid measures

- Inhalation: Seek fresh air. Seek medical advice in case of discomfort.
- Ingestion: Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of discomfort.
- Skin contact: Remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.
- Eye contact: Flush with water (preferably using eye wash equipment) until irritation subsides. Remove contact lenses. Seek medical advice if symptoms persist.
- Additional information: When obtaining medical advice, show the safety data sheet or label.
Symptoms: See section 11.

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

The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication.

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

No special immediate treatment required.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Extinguish with powder, foam, carbon dioxide or water mist.

Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

The product is not directly flammable. Avoid inhalation of vapour and fumes – seek fresh air.

5.3. Advice for firefighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases – seek fresh air.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment – see section 8.

6.2. Environmental precautions

Notify proper authorities in case of contamination of soil or aquatic environment or discharge to drains.

6.3. Methods and material for containment and cleaning up

Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers.

6.4. Reference to other sections

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Running water and eye wash equipment should be available.

7.2. Conditions for safe storage, including any incompatibilities

The product should be stored safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc.

7.3. Specific end use(s)

See section 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits:

Substance	Exposure limit, long term	Exposure limit, short term	Note
Ethanol	1000 ppm = 1920 mg/m ³	-	-
Titanium dioxide, total inhalable	10 mg/m ³	4 mg/m ³	
Titanium dioxide, respirable	4 mg/m ³		-
Iron oxide, fume (as Fe)	5 mg/m ³	10 mg/m ³	-
Propan-2-ol	400 ppm = 999 mg/m ³	500 ppm = 1250 mg/m ³	-
Aluminium metal inhalable dust	10 mg/m ³	-	-
respirable dust	4 mg/m ³		
Ethane-1,2-diol particulate	10 mg/m ³	-	Sk
vapour	20 ppm = 52 mg/m ³	40 ppm = 104 mg/m ³	
Mica total inhalable	10 mg/m ³		
respirable	0,8 mg/m ³		

DNEL and PNEC values:

Titanium dioxide - DNEL:

Inhalation	Long Term	Local effects	Workers	10 mg/m ³
Oral	Long Term	Systemic effects	General population	700 mg/kg bw/day

Ethanol – DNEL:

Dermal	Long Term	Systemic effects	Workers	7.3 mg/kg bw/day
Inhalation	Long Term	Systemic effects	Workers	1.12 mg/m ³
Dermal	Long Term	Local effects	Workers	32 µg/cm ²
Inhalation	Long Term	Local effects	Workers	0.67 mg/m ³
Oral	Long Term	Systemic effects	General population	4.4 mg/kg bw/day
Dermal	Long Term	Systemic effects	General population	4.4 mg/kg bw/day
Inhalation	Long Term	Systemic effects	General population	0.33 mg/m ³
Dermal	Long Term	Local effects	General population	19 µg/cm ²
Inhalation	Long Term	Local effects	General population	0.2 mg/m ³

Propan-2-ol – DNEL:

Dermal	Long Term	Systemic effects	Workers	888 mg/kg bw/day
Inhalation	Long Term	Systemic effects	Workers	500 mg/m ³
Oral	Long Term	Systemic effects	General population	26 mg/kg bw/day
Dermal	Long Term	Systemic effects	General population	319 mg/kg bw/day
Inhalation	Long Term	Systemic effects	General population	89 mg/m ³

Ethanol – PNEC:

Water	Fresh		0.202 mg/L
Water	Marine		0.0202 mg/L
Water	Intermittent releases		2.02 mg/L
Soil	-		0.0704 mg/kg soil dw

Propan-2-ol – PNEC:

Water	Fresh		140.9 mg/L
Water	Marine		140.9 mg/L
Water	Intermittent releases		140.9 mg/L
Soil	-		28 mg/kg soil dw

According to EU regulations 453/2010 and 1907/2006

Titanium dioxide - PNEC:

Water	Fresh	0,127 mg/L
Water	Marine	1 mg/L
Water	Intermittent releases	0,61 mg/L
Soil	-	100 mg/kg soil dw
Soil	-	0,05 mg/kg soil dw

8.2. Exposure controls

There are no exposure scenarios for this product.

Appropriate engineering controls:

Wash hands before breaks, before using restroom facilities, and at the end of the work.

Personal protective equipment:



Breathing equipment:	In case of insufficient ventilation, wear respiratory protective equipment with filter AX.
Hand protection:	Plastic or rubber gloves recommended.
Eye protection:	Wear safety goggles if there is a risk of eye splash.
Body and skin protection:	Not required.

Environmental exposure controls:

Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form:	Liquid
Colour:	Different
Odor:	Weak
pH:	-
Melting point/ Freezing Point (°C):	-
Initial boiling point(°C):	100
Decomposition temperature (°C):	-
Flash point (°C):	-
Evaporation speed:	-
Ignition (°C):	-
Upper / lower Flammability or Explosion limits (vol-%):	-
Vapour pressure (mbar, 25 °C):	-
Vapour density (air=1)	-
Density (g/ml):	1,1-1,3
Solubility in/ Miscibility with:	Soluble with water
Partition coefficient [n-octanol/water], Log K _{ow} :	-
Autoignition temperature (°C):	-
Evaporation rate (nBuAc=1):	-
Viscosity (mPa*s):	-
Flammability:	-
Oxidizing properties:	-

9.2. Other information

Content of solids (%):	-
Surface tension (mN/m, 25 °C):	-

SECTION 10: Stability and reactivity

10.1. Reactivity

Non-reactive.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Strong bases, strong oxidizing agents, strong reducing agents, strong acids.

10.6. Hazardous decomposition products

No special precautions regarding contact with other materials at the recommended storage conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Substance	Route of exposure	Species	Test	Result
Titaniumdioxide	Oral	rat	LD50	> 5000 mg/kg bw
Titaniumdioxide	Inhalation	rat	LC50/4h	> 6,82 mg/L air
Propan-2-ol	Oral	Rat	LD50	5.84 g/kg bw
Propan-2-ol	Inhalation	Rat	LC50	> 10000 ppm
Propan-2-ol	Dermal	Rabbit	LD50	16.4 mL/kg bw
Ethanol	Oral	rat	LD50	ca. 3400 mg/kg bw
Ethanol	Inhalation	Rat	LC50/8 h	> 8.7 mg/m ³ air (nominal)

Symptoms:

Inhalation: Inhalation of vapours is irritating to the upper airways.

Skin: May irritate the skin.

Eyes: May cause an eye irritation.

Ingestion: Ingestion may cause discomfort.

Long term effects:

Prolonged or repeated inhalation of vapours may cause damage to the central nervous system.

SECTION 12: Ecological information

12.1. Toxicity

Substance	Test duration	Species	Test	Result
Titaniumdioxide	96 h	Fish	LC50	> 1000 mg/L
Titaniumdioxide	72 h	Algae	EC50	61 mg/L
Propan-2-ol	96 h	Fish	LC50	10000 mg/L
Propan-2-ol	24 h	Daphnia	LC50	> 10000 mg/L
Ethanol	96 h	Fish	LC50	> 681 mg/L
Ethanol	48 h	Daphnia	EC50	> 500 mg/L
Ethanol	72 h	Algae	EC50	202 mg/L

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
No data	-	-	-

12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BCF
No data	-	-	-

12.4. Mobility in soil

No data.

12.5. Results of PBT and vPvB assessment

The mixture does not meet the criteria for PBT or vPvB.

12.6. Other adverse effects

None.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

The product is not classified as hazardous waste – empty and uncleaned packaging can be disposed off with daily refuse collection. Disposal of larger quantities: Contact the local authorities.

EWC Code

08 01 99

Specific labelling

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Contaminated packaging:

Uncleaned packaging is to be disposed of via the local waste-removal scheme.

SECTION 14: Transport information

The product is not covered by the rules for transport of dangerous goods by road and rail according to ADR/RID.

14.1 -14.4.

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14.5. Environmental hazards

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14.6. Special precautions for user

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14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant.

SECTION 15: Regulatory information

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

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Restrictions for application:

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Demands for specific education:

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15.2. Chemical safety assessment

Chemical safety assessment has not been performed.

SECTION 16: Other information

Other information:

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Sources:

EC regulation 1907/2006 (REACH).

Directive 2000/532/EC.

EC Regulation 1272/2008 (CLP).

EH40/2005 WELs (United Kingdom (UK), 8/2007).

Full text of H/R-phrases as mentioned in section 2+3:

R11 - Highly flammable.

R36 - Irritating to eye.

R38 - Irritating to skin.

R41 - Risk of serious damage to eyes.

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R67 - Vapours may cause drowsiness and dizziness.

H225 - Highly flammable liquid and vapour.

H302 - Harmful if swallowed.

H304 - May be fatal if swallowed and enters airways.

H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

H336 - May cause drowsiness or dizziness.

According to EU regulations 453/2010 and 1907/2006

Other

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Minor changes have been made in following sections:

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This material safety data sheet replaces version:

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