

# Material Safety Data Sheet

According to EU regulation 1907/2006/ amended by Regulation (EU) 2020/878

Date of issue: 20/01/2025

Issue: 11



Finger paint bulk as used in different SES items art.nr. 9230x

## 1. IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY

### 1.1. Product identifier

#### Trade name

SES Finger paint, basic colors as used in SES items:

00305, Fingerpaint 4 colours  
00315, Fingerpaint 6 colours  
00391, Fingerpaint 4 colours  
00392, Fingerpaint 4 colours  
00393, Fingerpaint mega set 6 colours  
00397, Fingerpaint pastel 6 colours  
00398, Fingerpaint Standing  
10158, Action Fingerpaint set  
10159, Action fingerpaint set trendy  
14413, My first - Fingerpaint 4 colours  
14415, My first - Fingerpaint cards  
14417, My first - Fingerpaint set  
14419, My first - My first work of art  
14441, My first - Fluffy fingerpaint  
14442, My first - Fingerprint paint dinos  
14443, My first - Fingerpaint handprint animals  
14444, My first – Fingerpaint animals  
14445, My first - Finger paint creations mega set  
14446, My first - Fingerprint paint fantasy figures  
14449, My first – Paintset with apron  
14481, My first – Fingerprint paint art  
14489, My first – Fingerpainting, colouring and sticking shapes  
14494, Sophie la giraffe - Fingerpaint set  
14497, Sophie la giraffe – Colouring and painting  
24924, ECO Fingerpaint with apron  
24925, ECO Fingerpaint artwork  
24926, ECO Fingerpaint  
24927, ECO Fingerpaint Girly

### 1.2. Relevant identified uses of the mixtures and uses advised against

#### Use

End user creative paint

#### Uses advised against

### 1.3. Details of the supplier of the safety data sheet

#### Company

**SES-Nederland B.V.**

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7547 TC Enschede  
The Netherlands

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#### Information (Product safety)

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### 1.4. Emergency telephone number +31 (0)6 29053671

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## 2. HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

#### Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008

### 2.2. Label elements

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008

### 2.3. Other hazards

No hazards to be specially mentioned

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

Chemical description                      mixture

#### Dangerous components

<u>CHEMICAL</u>	<u>CAS#</u>	<u>EINECS#</u>	<u>CONCENTRATION</u>	<u>REGULATED</u>
2-Phenoxyethanol*	122-99-6	204-589-7	0,75-0,85%	H302, H318, H335
3-(2-ethylhexyloxy)propane-1,2-diol	70445-33-9	408-080-2	0,08-0,095%	H318, H332
Denatonium Benzoate	3734-33-6	223-095-2	≤ 0,0025%	H302, H332

For Full text of the H-Statements mentioned in this section, see section 16.

\*2-Phenoxyethanol is present as preservative and found to be safe in toys at concentrations below 1%

## 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

- General** : In case of persistent symptoms and in case of doubt, seek medical advice.  
**In eyes** : In case of contact with eyes, rinse with water. If irritation persists, seek medical advice.  
**On skin** : Rinse skin with plenty of water  
**Inhalation** : Bring person into fresh air.  
**Ingestion** : Drink plenty of water. Do not induce vomiting

### 4.2. Most important acute and delayed symptoms and effects

No information on the preparation is available. The mixture is not classified as dangerous according to Regulation (EC) No. 1272/2008.

Repeated or long-term exposure can result in removal of lipids on the skin and result in non-allergic rash and absorption through the skin. Contact with the eyes can cause irritation. No permanent damage is expected.

### 4.3. Remarks regarding immediate medical care and treatment

Remarks for physician:            Treat symptomatic

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## 5. FIRE FIGHTING MEASURES

Flash Point : ND  
Extinguishing Media: Dry Chemical, CO<sub>2</sub>, Foam, Water  
Special Protective : -  
Equipment  
Exposure hazards : -

## 6. ACCIDENTAL RELEASE MEASURES

Cleaning up : Dispose of in compliance with federal, state and local environmental control regulations.  
Environmental  
Precautions : -  
Personal  
precautions : Avoid contact with eyes

## 7. HANDLING AND STORAGE

Handling : Store dry and cool

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Hygiene measures : -  
Engineering  
Measures : -  
Occupational  
Exposure  
Limits OEL : No occupational exposure limits have been established - Netherlands  
Personal  
Precautions : -

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : High viscosity liquid finger paint in different colors. Packaged in 25, 50, 110 or 150 ml jars.  
Color : various colors  
Odour : specific  
Density : 1,2 – 1,35 g/ml  
Boiling point : ND  
Melting point : ND  
Flash point : ND  
Solubility in water : ND  
Ignition temperature: ND  
Explosion limits : ND

## 10. STABILITY AND REACTIVITY

Stability : Stable under normal conditions.  
Conditions to avoid : Extreme temperatures  
Materials to avoid : -  
Hazardous  
decomposition  
products : Under normal circumstances no hazardous decomposition-products will be formed

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## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

Component	Result	Species	Dose
2-phenoxyethanol	LD50 Oral	Rat	1850mg/kg
	LC50 inhalation	Rat	8h, could not be determined, no mortality observed at max. achievable concentration
3-(2-ethylhexyloxy)propane-1,2-diol	LD50 Dermal		>2000 mg/kg
	LD50 Oral	Rat	>2000 mg/kg (OECD 401)
	LC50 Inhalation	Rat	3,07mg/l (OECD 403)
Denatonium Benzoate	LD50 Dermal	Rat	>2000 mg/kg (OECD 402)
	LD50 Oral	Rat	648-841 mg/kg
	LC50 Inhalation	Rat	200 mg/m <sup>3</sup>
	LD50 Dermal	Rat	>2000 mg/kg (OECD 402)

### Skin corrosion/-irritation

Component	Species	Result
2-phenoxyethanol	Rabbit	No skin irritation (OECD 404)
3-(2-ethylhexyloxy)propane-1,2-diol	Rabbit	Mild Irritation (OECD 404)
Denatonium Benzoate	-	-

### Serious eye damage/eye irritation

Component	Species	Result
2-phenoxyethanol	Rabbit	Serious eye irritation (OECD 405)
3-(2-ethylhexyloxy)propane-1,2-diol	Rabbit	Serious eye irritation (OECD 405)
Denatonium Benzoate	-	-

### Respiratory or skin sensitisation

Component	Species	Result
2-phenoxyethanol	Guinea pig	No sensitization (OECD 406)
3-(2-ethylhexyloxy)propane-1,2-diol	various	No sensitization (OECD 406)
Denatonium Benzoate	-	-

Conclusion: Based on the available information and reports- and recommendations of ECHA, the concentrations of the individual components in the mixture are safe for the use in play by young children. Occupational exposure at dangerous levels, when handling the finished product is not likely to occur, due to these low concentrations and due to nature of the packaging.

## 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

Component	Result	Species	Dose
2-phenoxyethanol	LC50 (fish)	Leuciscus idus	>100 mg/l – 96h
	EC50 (water flea)	Daphnia magna	>500 mg/l – 48h
	IC50 (algae)	Desmodesmus subspicatus	>500 mg/l – 72h
	Chronical toxicity (fish)	Pimephales promelas	NOEC: 23mg/l, 34d
	Chronical toxicity (water flea)	Daphnia magna	NOEC: 9,43 mg/l, 21d
3-(2-ethylhexyloxy)propane-1,2-diol	LC50 (fish)	Brachydanio rerio	60,2 mg/l
	EC50 (water flea)	Daphnia magna	78,3 mg/l – 48h
	IC50 (algae)	Desmodesmus subspicatus	48,3 mg/l – 72h
	Chronical toxicity (fish)	Branchydanio rerio	NOEC: 1,5mg/l, 35d (OECD 210)
	Chronical toxicity (water flea)	Daphnia magna	NOEC: 20 mg/l, 21d

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Denatonium Benzoate	EC50 (bacteria)		(OECD 211)
	LC50 (fish)	Leuciscus idus	560 mg/l
	EC50 (algae)	Desmodesmus subspicatus	>100 mg/l – 96h
			281 mg/l – 72h

## 12.2. Persistence and degradability

Component	Result
2-phenoxyethanol	Biodegradation: 90-100%, exposure-time: 15d (OECD 301A)
3-(2-ethylhexyloxy)propane-1,2-diol	Inherently biodegradable OESO 302B / ISO9888 / EEG 88/302C
Denatonium Benzoate	Koc at 20C-2446

## 12.3. Bioaccumulative potential

Component	Result
2-phenoxyethanol	BCF: 0,35, No bioaccumulation is to be expected (log Pow 1,16)
3-(2-ethylhexyloxy)propane-1,2-diol	No bioaccumulation is to be expected (log Pow 2,53)
Denatonium Benzoate	No bioaccumulation is to be expected (log Pow 2,53)

## 12.4. Mobility in soil

Component	Result
2-phenoxyethanol	No data available
3-(2-ethylhexyloxy)propane-1,2-diol	No data available
Denatonium Benzoate	No data available

## 12.5. Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher.

## 13. DISPOSAL CONSIDERATIONS

Dispose of in compliance with federal, state and local environmental control regulations.

## 14. TRANSPORTATION INFORMATION

### 14.1. UN number

Not dangerous goods

### 14.2. UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

### 14.3. Transport hazard class(es)

Not dangerous goods

### 14.4. Packaging group

Not dangerous goods

### 14.5. Environmental hazards

Not hazardous goods

### 14.6. Special precautions for user

See section 8.

## 15. REGULATORY INFORMATION

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

This datasheet complies with the requirements of regulation (EC) No. 1907/2006

The product containing this mixture complies with the requirements of regulation (EC) No. 2009/48

### 15.2. Chemical safety assessment

For this mixture a chemical safety assessment was carried out.

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## 16. OTHER INFORMATION

**Full text of H-Statements referred to under section 3.**

H302	Harmful if swallowed
H318	Causes serious eye damage
H332	Harmful if inhaled
H335	May cause respiratory irritation.

### **Further information**

The information contained herein relates only to the specific material identified. **SES Nederland B.V.** believes that such information is accurate and reliable as of the date of this material data sheet, but no representation, guarantee or warranty, express or implied, is made as to the accuracy, reliability or completeness of the information. **SES Nederland B.V.** urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application