

**Section 1. Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product Identity** Super Sculpey Living Doll  
**Alternate Names** ZSLD1, ZSLD3, ZSLD4, Super Sculpey Living Doll  
**Unique Formula Identifier**

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

**Intended Uses and Uses Advised Against** Oven hardening modeling material for hobby use. Craft product, Not a toy.

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

**Company Name** Polyform Products Company, Inc.  
Europe Address:  
Polyform Products Company  
Suite 8521  
Oude rielseweg 11  
5032 SH Tilburg  
Nederland  
US address:  
Polyform Products Company, Inc.  
1901 Estes Ave  
Elk Grove Village, IL 60007  
USA  
**Customer Service: Polyform Products Company, Inc.** For: Nederland  
+31 85 064 3941  
For: US  
+1 847-427-0020  
info@polyformproducts.com, www.sculpey.com

**1.4. Emergency telephone number**

**Emergency**  
**24 hour Emergency Telephone No.** +31 85 064 3941

**Section 2. Hazard identification of the product**

**2.1. Classification of the substance or mixture**

**Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]**

Aquatic Acute 3;H402 Harmful to aquatic life.  
Aquatic Chronic 3;H412 Harmful to aquatic life with long lasting effects.

**2.2. Label elements**

According to **REGULATION (EU) 2020/878 amending Regulations EU 2015/830 and (EC) No 1907/2006**

H412 Harmful to aquatic life with long lasting effects.

**[Prevention]**

P273 Avoid release to the environment.

**[Response]**

P332+313 IF SKIN IRRITATION OCCURS: Get medical advice or attention.

**[Storage]**

No CLP storage statements

**[Disposal]**

P501 Dispose of contents or container in accordance with local and national regulations.

**2.3. Other hazards**

This product contains no PBT/vPvB chemicals.

This product contains no endocrine disrupting chemicals.

**Section 3. Composition/information on ingredients**

**3.2. Mixtures**

If the product contains substances that present a hazard according to Regulation (EC) No. 1272/2008 [CLP/GHS], they are listed below.

Ingredient/Chemical Designations	Weight %	EC No. 1272/2008 Classification*	Notes
Zinc oxide CAS Number: 0001314-13-2 EC No. 215-222-5 Index No.: 030-013-00-7	1 - 5	Aquatic Acute 1;H400 Aquatic Chronic 1;H410	Acute M-Factor: 1 Chronic M-Factor: 1

<sup>^</sup>CLP<sup>31</sup> Reference EC No. 1272/2008 1.1.3.1. Notes relating to the identification, classification and labelling of substances (Table 3.1).

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

\*PBT/vPvB - PBT-substance or vPvB-substance.

The full texts of the phrases are shown in Section 16.

**Section 4. First aid measures**

**4.1. Description of first aid measures**

**General**

In all cases of doubt, or when symptoms persist, seek medical attention.  
Never give anything by mouth to an unconscious person.

**Inhalation**

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

- Eye** Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
- Skin** Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
- Ingestion** If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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

- Overview** No specific symptom data available.  
Treat symptomatically. See section 2 for further details.

- Skin** Causes mild skin irritation. (Not adopted by EU CLP)

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

- Notes to physician** Treat symptomatically.

## Section 5. Fire-fighting measures

**5.1. Extinguishing media**

Recommended extinguishing media; alcohol resistant foam, CO<sub>2</sub>, powder, water spray.  
Unsuitable extinguishing media: Do not use; water jet.

**5.2. Special hazards arising from the substance or mixture**

Hazardous decomposition: No hazardous decomposition data available.

**5.3. Advice for fire-fighters**

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.

## Section 6. Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures**

Put on appropriate personal protective equipment (see section 8).

**6.2. Environmental precautions**

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

**6.3. Methods and material for containment and cleaning up**

Sweep up or pick up.

**6.4 Reference to other sections**

See Section 1 for emergency contact information.  
See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

**Section 7. Handling and storage**

**7.1. Precautions for safe handling**

Handle containers carefully to prevent damage and spillage.  
See section 2 for further details. - [Prevention]

**7.2. Conditions for safe storage, including any incompatibilities**

Incompatible materials: No data available.  
See section 2 for further details. - [Storage]

**7.3. Specific end use(s)**

No data available.

**Section 8. Exposure controls / personal protection**

**8.1. Control parameters**

CAS No.	Ingredient	Exposure	
		Source	Value
0001314-13-2	Zinc oxide	OSHA	TWA 5 mg/m <sup>3</sup> (fume) TWA 15 mg/m <sup>3</sup> (total dust) TWA 5 mg/m <sup>3</sup> (resp dust)
		ACGIH	TWA: 2 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>
		NIOSH	10 mg/m <sup>3</sup> STEL (fume)
		National	No Established Limit

**8.2. Exposure controls**

- Respiratory** If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.
- Eyes** Protective safety glasses recommended
- Skin** Protective gloves recommended.
- Engineering Controls** Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
- Other Work Practices** Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details.

## Section 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Color: Clay Physical State: Solid
<b>Odor</b>	Not Measured
<b>Odor threshold</b>	Not determined
<b>pH</b>	Not Measured
<b>Melting point / freezing point</b>	Not Measured
<b>Initial boiling point and boiling range</b>	Not Measured
<b>Flash Point</b>	Not Measured
<b>Evaporation rate (Ether = 1)</b>	Not Measured
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> Not Measured <b>Upper Explosive Limit:</b> Not Measured
<b>Vapor pressure (Pa)</b>	Not Measured
<b>Vapor Density</b>	Not Measured
<b>Relative Density</b>	Not Measured
<b>Solubility in Water</b>	Not Measured
<b>Partition coefficient n-octanol/water (Log Kow)</b>	Not Measured
<b>Auto-ignition temperature</b>	Not Measured
<b>Decomposition temperature</b>	Not Measured
<b>Viscosity (cSt)</b>	Not Measured

### 9.2. Other information

No other relevant information.

## Section 10. Stability and reactivity

### 10.1. Reactivity

Hazardous Polymerization will not occur.

### 10.2. Chemical stability

Stable under normal circumstances.

### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

No data available.

### 10.5. Incompatible materials

No data available.

### 10.6. Hazardous decomposition products

No hazardous decomposition data available.

**Section 11. Toxicological information**

**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Acute toxicity**

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapour LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Zinc oxide - (1314-13-2)	> 5,000.00, Rat - Category: NA	No data available	No data available	5.70, Rat - Category: 5	No data available

**Carcinogen Data**

CAS No.	Ingredient	Source	Value
0001314-13-2	Zinc oxide	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit

Classification	Category	Hazard Description
Acute toxicity (oral)	---	---
Acute toxicity (dermal)	---	---
Acute toxicity (inhalation)	---	---
Skin corrosion/irritation	---	---
Serious eye damage/irritation	---	---
Respiratory sensitization	---	---
Skin sensitization	---	---
Germ cell mutagenicity	---	---
Carcinogenicity	---	---
Reproductive toxicity	---	---
STOT-single exposure	---	---
STOT-repeated exposure	---	---
Aspiration hazard	---	---

**11.2.1 Endocrine disrupting properties**

This product contains no endocrine disrupting chemicals.

**Section 12. Ecological information**

**12.1. Toxicity**

Harmful to aquatic life.  
Harmful to aquatic life with long lasting effects.

**Aquatic Ecotoxicity**

Ingredient	96 hr LC50 fish, mg/L	48 hr EC50 crustacea, mg/L	ErC50 algae, mg/L	3hr IC50 Bacteria mg/L	Biodegradability %
Zinc oxide - (1314-13-2)	---	>100.00, Daphnia magna	---	---	---

**12.2. Persistence and degradability**

There is no data available on the preparation itself.

**12.3. Bioaccumulative potential**

Not Measured

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

This product contains no PBT/vPvB chemicals.

**12.6 Endocrine disrupting properties**

This product contains no endocrine disrupting chemicals.

**12.7. Other adverse effects**

No data available.

**Section 13. Disposal considerations**

**13.1. Waste treatment methods**

Observe all federal, state and local regulations when disposing of this substance.

**Section 14. Transport information**

	<b>ADR/RID</b>	<b>IMO / IMDG (Ocean Transportation)</b>	<b>ICAO/IATA</b>
<b>14.1. UN number</b>	Not Regulated	Not Regulated	Not Regulated
<b>14.2. UN proper shipping name</b>	Not Regulated	Not Regulated	Not Regulated



# Safety Data Sheet Super Sculpey Living Doll

Revision  
Date: 6/8/2022

<b>14.3. Transport hazard class(es)</b>	<b>DOT Hazard Class:</b> Not Applicable <b>Sub Class:</b> Not Applicable	<b>IMDG:</b> Not Applicable <b>Sub Class:</b> Not Applicable	<b>Air class:</b> Not Applicable <b>Sub Class:</b> Not Applicable
<b>14.4. Packing group</b>	Not Applicable	Not Applicable	Not Applicable
<b>14.5. Environmental hazards</b>			
<b>IMDG</b>	Marine Pollutant: No;		
<b>14.6. Special precautions for user</b>	Not Applicable		
<b>14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not Applicable		

## Section 15. Regulatory information

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

#### EU Legislation

REGULATION (EU) 2020/878 amending Regulations EU 2015/830 and (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).  
REGULATION (EC) 1272/2008 on the classification, labeling and packaging of substances and mixtures (CLP).

#### National Legislation

None noted.

### 15.2. Chemical Safety Assessment

No Chemical Safety Assessment has been carried out.

## Section 16. Other information

**Revision Date** 6/8/2022

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Disclaimer: The information presented herein is supplied as a guide to those who handle or use this product. Safe work practices must be employed when working with any materials. It is important that the end user makes a determination regarding the adequacy of the safety procedures employed during the use of this product.

End of Document