

SAFETY DATA SHEET

Issuing Date 11-Dec-2015

Revision Date 11-Dec-2015

Revision Number 0

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

1.1. Product identifier

Product Name Play Doh

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

Recommended Use Toy containing chemical, without VOC

Uses advised against Not Applicable

1.3. Details of the supplier of the safety data sheet

Importer	Company
Hasbro Europe	Hasbro, Inc.
4, The Square	1027 Newport Avenue
Stockely Park, Uxbridge, UK	Pawtucket, Rhode Island 02862
UB11 1ET	TEL: 401-374-5791
	FAX: 401-721-7237

For further information, please contact

E-mail Address STPREACH@Hasbro.com

1.4. Emergency telephone number

Emergency Telephone Number +44(0)208 569 1234 Office hours only (GMT). English Language only

Europe	112
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Section 2. Hazards identification

2.1. - Classification of the substance or mixture

REGULATION (EC) No 1272/2008

The product is not classified as dangerous according to Regulation (EC) No. 1272/2008

Physical Hazards

None

2.2. Label Elements

The product is not classified as dangerous according to Regulation (EC) No. 1272/2008

Signal Word None

EUH210 - Safety data sheet available on request

2.3. Other information

May cause eye irritation

Section 3. Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

The product is not classified as dangerous according to Regulation (EC) No. 1272/2008

Chemical Name	EC-No	CAS-No	Weight %	EU - GHS Substance Classification	REACH No.
Zinc sulfide (ZnS), copper chloride-doped	271-904-2	68611-70-1	5.8		No data available
Calcium chloride	233-140-8	10043-52-4	5.7	Eye Irrit. 2 (H319)	No data available
Maize starch	232-679-6	9005-25-8	4.74		No data available
Mica	-	12001-26-2	4.003		No data available
White mineral oil (petroleum)	232-455-8	8042-47-5	2.9		No data available
Titanium dioxide	236-675-5	13463-67-7	1.7318		No data available
Carbon black	215-609-9 435-640-3	1333-86-4	0.1047		No data available

For the full text of the H-Statements mentioned in this Section, see Section 16

Section 4. First aid measures

4.1. Description of first-aid measures

Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention if irritation persists.
Skin Contact	Wash skin with soap and water. Get medical attention if irritation develops and persists.
Ingestion	IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.
Inhalation	If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

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

Most Important Symptoms/Effects None known.

4.3. Indication of immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

Section 5. Fire-fighting measures

5.1. Extinguishing media

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Extinguishing media which must not be used for safety reasons

None.

5.2. Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

None in particular.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

As in any fire, wear self-contained breathing apparatus and full protective gear.

Section 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

None required under normal usage.

6.2. Environmental precautions

See Section 12 for additional Ecological Information.

6.3. Methods and materials for containment and cleaning up

None required.

Pick up and transfer to properly labeled containers.

6.4. Reference to other sections

See Section 12 for additional information.

Section 7. Handling and storage

7.1. Precautions for Safe Handling

Handling

Avoid contact with eyes. Wash thoroughly after handling.

Hygiene Measures

None under normal use conditions.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed.

7.3. Specific end use(s)

Exposure Scenario

No information available.

Other Guidelines

No information available.

Section 8. Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Chemical Name	EU	The United Kingdom	France	Spain	Germany
Zinc sulfide (ZnS), copper chloride-doped 68611-70-1					MAK: 0.1 mg/m ³ MAK: 2 mg/m ³ Ceiling / Peak: 0.2 mg/m ³ Ceiling / Peak: 0.4 mg/m ³ Ceiling / Peak: 4 mg/m ³
Maize starch 9005-25-8		STEL: 30 mg/m ³ STEL: 12 mg/m ³ TWA: 10 mg/m ³ TWA: 4 mg/m ³		VLA-ED: 10 mg/m ³	
Mica 12001-26-2		STEL: 2.4 mg/m ³ STEL: 30 mg/m ³ TWA: 0.8 mg/m ³ TWA: 10 mg/m ³		VLA-ED: 3 mg/m ³	
White mineral oil (petroleum) 8042-47-5				VLA-EC: 10 mg/m ³ VLA-ED: 5 mg/m ³	

Titanium dioxide 13463-67-7		STEL: 30 mg/m ³ STEL: 12 mg/m ³ TWA: 10 mg/m ³ TWA: 4 mg/m ³	TWA: 10 mg/m ³	TWA: 10 mg/m ³	
Carbon black 1333-86-4		STEL: 7 mg/m ³ TWA: 3.5 mg/m ³	VME: 3.5 mg/m ³	VLA-ED: 3.5 mg/m ³	
Component	Italy	Portugal	The Netherlands	Finland	Denmark
Zinc sulfide (ZnS), copper chloride-doped 68611-70-1 (5.8)				TWA: 1 mg/m ³	
Maize starch 9005-25-8 (4.74)		TWA: 10 mg/m ³			
Mica 12001-26-2 (4.003)		TWA: 3 mg/m ³			
White mineral oil (petroleum) 8042-47-5 (2.9)		STEL: 10 mg/m ³ TWA: 5 mg/m ³	TWA: 5 mg/m ³	TWA: 5 mg/m ³	TWA: 1 mg/m ³
Titanium dioxide 13463-67-7 (1.7318)		TWA: 10 mg/m ³			TWA: 6 mg/m ³
Carbon black 1333-86-4 (0.1047)		TWA: 3.5 mg/m ³		TWA: 3.5 mg/m ³ STEL: 7 mg/m ³	TWA: 3.5 mg/m ³
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Zinc sulfide (ZnS), copper chloride-doped 68611-70-1	STEL 4 mg/m ³ STEL 0.4 mg/m ³ MAK: 1 mg/m ³ MAK: 0.1 mg/m ³	STEL: 0.2 mg/m ³ MAK: 0.1 mg/m ³	NDS: 0.2 mg/m ³		
Maize starch 9005-25-8		MAK: 3 mg/m ³			TWA: 10 mg/m ³ TWA: 4 mg/m ³
Mica 12001-26-2	MAK: 10 mg/m ³	MAK: 3 mg/m ³		TWA: 6 mg/m ³ TWA: 3 mg/m ³ STEL: 12 mg/m ³ STEL: 6 mg/m ³	TWA: 10 mg/m ³ TWA: 0.8 mg/m ³
White mineral oil (petroleum) 8042-47-5			NDSCh: 10 mg/m ³ NDS: 5 mg/m ³	TWA: 1 mg/m ³ STEL: 3 mg/m ³	
Titanium dioxide 13463-67-7	STEL 10 mg/m ³ TWA: 5 mg/m ³	TWA: 3 mg/m ³	STEL: 30 mg/m ³ TWA: 10.0 mg/m ³	TWA: 5 mg/m ³ STEL: 10 mg/m ³	TWA: 10 mg/m ³ TWA: 4 mg/m ³
Carbon black 1333-86-4			NDS: 4.0 mg/m ³	TWA: 3.5 mg/m ³ STEL: 7 mg/m ³	TWA: 3.5 mg/m ³ STEL: 7 mg/m ³

Derived No Effect Level No information available.

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering Measures

None under normal use conditions.

Personal protective equipment

Eye Protection

No special protective equipment required.

Skin and Body Protection

No special protective equipment required.

Hand Protection

No special protective equipment required.

Respiratory Protection

No special protective equipment required. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Environmental Exposure Controls No information available.

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State

Solid Gel Consistency

Appearance

Multiple Colors

Odor

Slight

Property

Values

Remarks/ - Method

pH	4	None known
Melting Point/Range	No data available	None known
Boiling Point/Boiling Range	No data available	None known
Flash Point	No data available	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Vapor Pressure	No data available	None known
Vapor Density	No data available	None known
Relative Density	No data available	None known
Water Solubility	Soluble in water.	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition Temperature	No data available	None known
Decomposition Temperature	No data available	None known
Viscosity	No data available	None known
Explosive Properties	No data available	
Oxidizing Properties	No data available	

9.2. Other information

VOC Content (%)	No information available
Flammability Limits in Air	No data available

Section 10. Stability and reactivity

10.1. Reactivity

None known

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

None known based on information supplied.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

Carbon oxides.

Section 11. Toxicological information

11.1. Information on toxicological effects**Acute Toxicity****Product Information**

Product does not present an acute toxicity hazard based on known information.

Inhalation

None under normal use conditions.

Eye Contact

None under normal use.

Skin Contact

None under normal use.

Ingestion

None under normal use.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Calcium chloride	rat, 112g/kg, 20 weeks/continuous	2630 mg/kg (Rat)	
White mineral oil (petroleum)	> 5000 mg/kg (Rat)		
Titanium dioxide	> 10000 mg/kg (Rat)		> 6820 mg/m ³
Carbon black	> 15400 mg/kg (Rat)	> 3 g/kg (Rabbit)	

Sensitization	No information available.
Mutagenic Effects	No information available.
Carcinogenic Effects	No information available.
Reproductive Toxicity	No information available.
Developmental Toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration Hazard	No information available.

Section 12. Ecological information

12.1. Toxicity

Ecotoxicity Effects

Not classified

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Calcium chloride		LC50 96 h: = 10650 mg/L static (Lepomis macrochirus)		LC50 48 h: = 2400 mg/L (Daphnia magna)
White mineral oil (petroleum)		LC50 96 h: > 10000 mg/L (Lepomis macrochirus)		
Carbon black				EC50 24 h: > 5600 mg/L (Daphnia magna)

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

Chemical Name	Log Pow
White mineral oil (petroleum)	6.006

12.4. Mobility in soil

Not applicable

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

This product does not contain any known or suspected endocrine disruptors.

Section 13. Disposal considerations

13.1. Waste treatment methods

Waste from Residues / Unused Products	Dispose of in accordance with the European Directives on waste and hazardous waste.
Contaminated Packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal.

Other Information	According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.
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Section 14. Transport information

IMDG/IMO

14.1. UN-Number	Not regulated.
14.2. Proper Shipping Name	Not regulated.
14.3. Hazard Class	Not regulated.
14.4. Packing Group	Not regulated.
Description	Not applicable.
14.5. Marine Pollutant	None.
14.6. Special Provisions	None.
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available.

RID

14.1. UN-Number	Not regulated.
14.2. Proper Shipping Name	Not regulated.
14.3. Hazard Class	Not regulated.
14.4. Packing Group	Not regulated.
Description	Not applicable.
14.5. Environmental hazard	None.
14.6. Special Provisions	None.

ADR

14.1. UN-Number	Not regulated.
14.2. Proper Shipping Name	Not regulated.
14.3. Hazard Class	Not regulated.
14.4. Packing Group	Not regulated.
Description	Not applicable.
14.5. Environmental hazard	None.
14.6. Special Provisions	None.

ICAO

14.1. UN-Number	Not regulated.
14.2. Proper shipping name	Not regulated.
14.3. Hazard Class	Not regulated.
14.4. Packing Group	Not regulated.
Description	Not applicable.
14.5. Environmental hazard	None.
14.6. Special Provisions	None.

IATA

14.1. UN-Number	Not regulated.
14.2. Proper Shipping Name	Not regulated.
14.3. Hazard Class	Not regulated.
14.4. Packing Group	Not regulated.
Description	Not applicable.
14.5. Environmental hazard	None.
14.6. Special Provisions	None.

Section 15. Regulatory information

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

International Inventories

TSCA	Complies
EINECS/ELINCS	Complies
DSL/NDSL	Complies
PICCS	Not determined
ENCS	Not determined
IECSC	Not determined
AICS	Not determined
KECL	Not determined

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
PICCS - Philippines Inventory of Chemicals and Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
AICS - Australian Inventory of Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances

15.2. Chemical Safety Assessment

No information available

Section 16. Other information

Full text of H-Statements referred to under sections 2 and 3

H319 - Causes serious eye irritation

Key literature references and sources for data

www.ChemADVISOR.com/

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Revision Note Initial Release.

This safety data sheet complies with the requirements of Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No. 1907/2006

General Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet