

SAFETY DATA SHEET

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NGHS / English



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1. IDENTIFICATION

Product identifier

Product Name Play-Doh

Other means of identification

Product Code(s) 1003914

Recommended use of the chemical and restrictions on use

Recommended Use Toy containing Chemical, without VOC

Restrictions on use No information available

Details of the supplier of the safety data sheet

Supplier Identification Hasbro, Inc

Address 1027 Newport Ave
Pawtucket
Rhode Island
02862
US

Telephone Phone:401-727 -5228

E-mail auconsumercare@ap.hasbro.com

Importer HASBRO AUSTRALIA, Level 4, 67-71 Epping Road, AUSTRALIA
CAN 004 348 565

Emergency telephone number

Company Emergency Phone Number (02)9804 4175 THIS EMERGENCY LINE PROVIDES RECORDED FIRST AID INFORMATION ONLY

2. HAZARDS IDENTIFICATION

Classification

Not classified.

The product contains no substances which at their given concentration, are considered to be hazardous to health



Appearance Multiple Colors**Physical state** Solid Gel Consistency
Solid**Odor** Unique**GHS Label elements, including precautionary statements****Hazard statements**

Not classified.

Other information

Harmful to aquatic life with long lasting effects.

Unknown acute toxicity 18.8718 % of the mixture consists of ingredient(s) of unknown toxicity

5.74 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

18.8718 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

18.8718 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

18.8718 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

13.1718 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not applicable.

Mixture

Chemical name	CAS No.	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry#)	Date HMIRA filed and date exemption granted (if applicable)
Wheat flour	130498-22-5	37	-	-
Calcium chloride	10043-52-4	5.7	-	-
Maize starch	9005-25-8	4.74	-	-
White mineral oil (petroleum)	8042-47-5	2.9	-	-
Titanium dioxide	13463-67-7	1.7318	-	-
Mica	12001-26-2	1	-	-
Aluminum sulfate	10043-01-3	0.4	-	-
Carbon black	1333-86-4	0.1047	-	-

4. FIRST AID MEASURES

First aid measures**Inhalation**

Remove to fresh air.

Eye contactRinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.
Consult a physician.**Skin contact**

Wash skin with soap and water.



Ingestion Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

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

Large Fire CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media Do not scatter spilled material with high pressure water streams.

Specific hazards arising from the chemical No information available.

Hazardous Combustion Products Carbon oxides.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Special protective equipment for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with eyes.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH	
Maize starch 9005-25-8	TWA: 10 mg/m ³	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 15 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction	TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust	
White mineral oil (petroleum) 8042-47-5	TWA: 5 mg/m ³ inhalable le fraction excluding metal working fluids, highly & severely refined	TWA: 5 mg/m ³ (vacated) TWA: 5 mg/m ³	IDLH : 2 500 mg/m3 TWA: 5 mg/m ³ STEL: 10 mq/m3	
Titanium dioxide 13463 -67 -7	TWA: 10 mg/m ³	TWA: 15 mg/m ³ total dust (vacated) TWA: 10 mg/m ³ total dust	IDLH: 5000 mg/m ³	
Mica 12001-26-2	TWA: 3 mg/m ³	TWA: 20 mppcf (<1% crystalline silica) 3 mg/m3(vacated)	IDLH: 1500 mg/m ³ containing <1% quartz TWA: 3 mg/m ³ respirable dust	
Aluminum sulfate 10043-01-3	-	(vacated) TWA: 2 mg/m3 Al Aluminum	TWA: 2 mg/m ³ Al	
Carbon black 1333-86-4	TWA: 3 mg/m ³ inhalable particulate matter	TWA: 3.5 mg/m3 (vacated) TWA: 3.5 mg/m ³	IDLH: 1750 mg/m3 TWA: 3.5 mg/m3 TWA: 0.1 mg/m ³ Carbon black in presence of Polycyclic aromatic hydrocarbons PAH	
Chemical name	Alberta	British Columbia	Ontario TWA/EV	Quebec
Wheat flour 130498-22-5			TWA: 3 mg/m3	
Calcium chloride 10043-52-4			TWA: 5 mg/m3	
Maize starch 9005 -25-8	TWA: 10 mg/m3	TWA: 10 mg/m ³ TWA: 3 mg/m ³	TWA: 10 mg/m ³	TWA : 10 mg/m3
Titanium dioxide 13463-67- 7	TWA: 10 mg/m3	TWA: 10 mg/m ³ TWA: 3 mq/m ³	TWA: 10 mg/m3	TWA: 10 mg/m3
Mica 12001-26-2	TWA: 3mg/m3	TWA: 3 mg/m3	TWA: 3 m g/m3	TWA: 3 mg/m3
Aluminum sulfate 10043 -01 -3	TWA: 2 mg/m ³			TWA: 2 mg/m ³
Carbon black 1333-86-4	TWA: 3.5 mg/m3	TWA: 3 mg/m3	TWA: 3 mg/m3	TWA: 3.5 mg/m ³

Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992). See section 15 for national exposure control parameters.

Appropriate engineering controls

Engineering controls

Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment



Eye/face protection	No special protective equipment required.
Skin and body protection	No special protective equipment required.
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical state	Solid Gel Consistency; Solid
Appearance	Multiple Colors
Odor	Unique
Color	No information available
Odor Threshold	Not applicable

<u>Property</u>	<u>Values</u>	<u>Remarks Method</u>
pH	No data available	
Melting / freezing point	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
Flammability Limit in Air		None known
Upper flammability limits	No data available	
Lower flammability limits	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	1.21	
Water Solubility	Soluble in water	
Solubility(ies)	No data available	None known
Partition coefficient: n-octanol/water		
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known

Other Information

Explosive properties	No information available
Oxidizing properties	No information available
Softening Point	No information available
Molecular Weight	No information available
VOC Content (%)	No information available
Liquid Density	No information available
Bulk Density	No information available
Particle Size	No information available
Particle Size Distribution	No information available

10. STABILITY AND REACTIVITY

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of Hazardous Reactions	None under normal processing.

Hazardous Polymerization	Hazardous polymerization does not occur.
Conditions to avoid	None known based on information supplied.
Incompatible materials	None known based on information supplied.
Hazardous Decomposition Products	Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available.

Information on toxicological effects

Symptoms	No information available.
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Numerical measures of toxicity

Acute Toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	13,157.90 mg/kg
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Unknown acute toxicity	18.8718 % of the mixture consists of ingredient(s) of unknown toxicity
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	18.8718 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
	18.8718 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
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	13.1718 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Calcium chloride	= 1000 ma/ka (<i>Rat</i>)	> 5000 ma/ka (<i>Rabbit</i>)	-
White mineral oil (petroleum)	> 5000 mg/kg (<i>Rat</i>)	-	-
Titanium dioxide	> 10000 mg/kg (<i>Rat</i>)	-	-
Aluminum sulfate	= 1930 mq/kq (<i>Rat</i>)	-	-
Carbon black	> 15400 mq/kq (<i>Rat</i>)	> 3 q/kq (<i>Rabbit</i>)	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	No information available.
Serious eye damage/eye irritation	No information available.
Respiratory or skin sensitization	No information available.
Germ cell mutagenicity	No information available.

Carcinogenicity

Classification based on data available for ingredients. This product contains titanium dioxide in a non-respirable form. Inhalation of titanium dioxide is unlikely to occur from exposure to this product.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Titanium dioxide 13463-67-7	-	Group 2B	-	X
Carbon black 1333-86-4	A3	Group 28	-	X

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Reproductive toxicity

No information available.

STOT - single exposure

No information available.

STOT - repeated exposure

No information available.

Aspiration hazard

No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life with long lasting effects.

Chemical name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Calcium chloride	-	96h LC50: = 10650 mg/L (Leoomis macrochirus)	-	48h LC50: 2280000 - 3948000 ua/L
White mineral oil (petroleum)	-	96h LC50: > 10000mg/L (Lepomis macrochirus)	-	-
Aluminum sulfate	-	96h LC50: = 37 mg/L (Gambusia affinis) 96h LC50: = 100 mg/L (Carassius auratus)	-	15m in EC50 : = 136 mg / L
Carbon black	-	-	-	24h EC50: > 5600 mg/L

Persistence and Degradability

No information available.

Bioaccumulation**Component Information**

Chemical name	L	Pow
White mineral oil (petroleum)	6	

Mobility

No information available.

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS



Waste treatment methods**Waste from residues/unused products**

Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging

Do not reuse empty containers.

California Waste Codes

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14. TRANSPORT INFORMATION

DOT**Proper Shipping Name**
Hazard ClassNOT REGULATED
NON-REGULATED
N/A**TOG**

Not regulated

MEX

Not regulated

ICAO

Not regulated

IATA**Proper Shipping Name**
Hazard ClassNot regulated
NON-REGULATED
N/A**IMDG/IMO****Hazard Class**Not regulated
N/A**RID**

Not regulated

ADR

Not regulated

ADN

Not regulated

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture**International Regulations****Ozone-depleting substances (ODS)** Not applicable**Persistent Organic Pollutants** Not Applicable**Export Notification requirements** Not applicable**International Inventories****TSCA**

Contact supplier for inventory compliance status.

DSUNDSL

Contact supplier for inventory compliance status.

EINECS/ELINCS

Contact supplier for inventory compliance status.

ENCS

Contact supplier for inventory compliance status.

KECL

Contact supplier for inventory compliance status.

PICCS

Contact supplier for inventory compliance status.

AICS

Contact supplier for inventory compliance status.



Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSUNDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SOS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical name	CWA • Reportable Quantities	CWA - Toxic Pollutants	CWA • Priority Pollutants	CWA - Hazardous Substances
Aluminum sulfate 10043-01-3	5000lb			X

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Aluminum sulfate 10043-01-3	5000lb		RQ 5000lb final RQ RQ 2270 kg final RQ

US State Regulations**California Proposition 65**

This product contains the following Proposition 65 chemicals.

Chemical name	California Proposition 65
Titanium dioxide - 13463-67-7	Carcinogen
Carbon black - 1333-86-4	Carcinogen
C.I. Basic violet 1 - 548-62-9	carcinogen, 11/23/2018

U.S. State Right-to-Know Regulations

This product may contain substances regulated by state right-to-know regulations.

Chemical name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Maize starch 9005 -25-8		X	X		
Titanium dioxide 13463-67-7	X	X	X		
Mica 12001-26-2	X	X	X		



Aluminum sulfate 10043 -01-3	X	X	X	X	
Carbon black 1 333-86-4	X	X	X		X

16 . OTHER INFORMATION

NFPA	Health hazards	Flammability ○	Instability ○	Physical and Chemical Properties -
HMIS	Health hazards	Flammability ○	Physical hazards ○	Personal Protection X

Prepared By Product Stewardship
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Disclaimer

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End of Safety Data Sheet