Safety Data Sheet

ASIN/Item No.: ART 017/ Fluffy Paint Studio
ART 019/ Fluffy Paint Kit

Brand: ART LAB

Manufacture: Canal Toys
Room 401, 4th Floor, HKC Commercial entre, Dongcheng Avenue No. 5, Zhangmutou Town, Dongguan City, Guangdong Province, P. R. China. 523618
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Date: 2025-04-08

Nom du responsable / Name of responsible / Nombre del responsible / Nome do responsável:	Pierre-Eric DELAUNE
Fonction/Position/Posición/ Posição/Position/Posizione	Quality Director Canal Toys
Signé pour et au nom de Canal Toys/ Signed for and on behalf of Canal Toys/ Firmado por y en nombre de Canal Toys/ Assinado por e em nome da Canal Toys/ Unterzeichnet für & im Namen von Canal Toys/ Firmato per e a nome di Canal Toys	CANAL TOYS 3-5, rue Jules Guesde 92300 LEVALLOIS PERRET Tél: 01 47 15 70 50 / Fax: 01 55 90 88 75 S.A.S. au capital de 211 408 € Paris 404 154 080 – Siret 404 154 080 000 75 NID TVA FR 82 404 154 080 – APE 4649 Z

Remark :main MSDS please see next page.

Safety Data Sheet

Fluffy Paint

Version：V2.0.1.1
Report No.：HGBZ2503D991
Creation Date：2025/03/19
Revision Date：-

***Prepared according to EU regulation No. 2020/878|GHS（10th Revised Edition）**

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

1.1 Product identifier

Product Name	Fluffy Paint
CAS No.	Not applicable
EC No.	Not applicable
Molecular Formula	Not applicable
REACH Registration Number	-
UFI	No information available

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

Relevant identified uses	Please consult manufacturer.
Uses advised against	Please consult manufacturer.

1.3 Details of the supplier of the Safety Data Sheet

Applicant Name	Canal Toys Ltd
Applicant Address	Room 401, 4th Floor, HKC Commercial entre, Dongcheng Avenue No. 5, Zhangmutou Town, Dongguan City, Guangdong Province, P. R. China.
Applicant Post Code	523618
Applicant Telephone	+86-769-8770 0857
Applicant Fax	+86-769-8770 3510
Applicant E-mail	gary.li@canaltoysasia.com
Supplier Name	Canal Toys Ltd
Supplier Address	Room 401, 4th Floor, HKC Commercial entre, Dongcheng Avenue No. 5, Zhangmutou Town, Dongguan City, Guangdong Province, P. R. China.
Supplier Post Code	523618
Supplier Telephone	+86-769-8770 0857
Supplier Fax	+86-769-8770 3510
Supplier E-mail	gary.li@canaltoysasia.com

1.4 Emergency telephone number

Emergency telephone number	+86-769-8770 0857
Opening hours	24h

2 Hazards identification

2.1 CLP classification according to Regulation（EC）No. 1272/2008|hazard classification according to GHS

According to Regulation (EC) No 1272/2008 and its amendments and GHS（10th Revised Edition）. Not classified as a dangerous substance.

2.2 Label elements

Hazard pictograms	Not applicable
Signal word	Not applicable

Hazard statements

Hazard statements	Not applicable

Precautionary statements

- Prevention

Prevention	Not applicable

- Response

Response	Not applicable

- Storage

Storage	Not applicable

- Disposal

Disposal	Not applicable

2.3 Other hazards

- Results of PBT and vPvB assessment

Component	Results of PBT and vPvB assessment [according to (EC) No 1907/2006]
Styrene/Acrylates Copolymer	No information available
Acrylonitrile/Methyl Methacrylate/ Vinylidene Chloride Copolymer	No information available
Glycerin	Not PBT/vPvB
Propylene glycol	No information available
Phenoxyethanol	Not PBT/vPvB
Yellow 3	Not PBT/vPvB
Red 57	No information available
Blue 15	Not PBT/vPvB

- Results of endocrine disrupting properties assessment

Component	Results of endocrine disrupting properties assessment [according to (EU) No 2017/2100 or (EU) No 2018/605]
Styrene/Acrylates Copolymer	No information available
Acrylonitrile/Methyl Methacrylate/ Vinylidene Chloride Copolymer	No information available
Glycerin	No information available
Propylene glycol	No information available
Phenoxyethanol	No information available

Yellow 3	No information available
Red 57	No information available
Blue 15	No information available

◆ Other

	Not applicable.

3 Composition/information on ingredients

3.1 Substance/mixture

	Mixture

Component	Weight % content(or range)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific Conc. Limits, M-factors
Styrene/Acrylates Copolymer CAS：25085-34-1 EC：607-532-8 Index No.：-	85.93	Not Classified	-
Acrylonitrile/Methyl Methacrylate/ Vinylidene Chloride Copolymer CAS：25214-39-5 EC：607-652-0 Index No.：-	5.11	Not Classified	-
Glycerin CAS：56-81-5 EC：200-289-5 Index No.：-	5.06	Not Classified	-
Propylene glycol CAS：4254-15-3 EC：610-039-0 Index No.：-	3	Not Classified	-
Phenoxyethanol CAS：122-99-6 EC：204-589-7 Index No.：603-098-00-9	0.6	Acute Toxicity – Oral，Category 4，H302；Serious eye damage/irritation，Category 1，H318；Specific target organ toxicity—single exposur; respiratory tract irritation，Category 3，H335	H302:ATE = 1394 mg/kg
May Contain			
Yellow 3 CAS：6486-23-3 EC：229-355-1 Index No.：-	0- 0.3	Not Classified	-
Red 57 CAS：29092-56-6 EC：- Index No.：-	0- 0.29	No information available	-
Blue 15 CAS：147-14-8 EC：205-685-1 Index No.：-	0- 0.2	Not Classified	-

4 First-aid measures

4.1 Description of first aid measures

General advice	Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.
Skin contact	No harm in general situation. First aid is not needed.
Ingestion	Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.
Inhalation	Move victim into fresh air. If breathing is difficult, give oxygen and consult a physician immediately.
Protecting of first-aiders	Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.

4.2 Most important symptoms/effects, acute and delayed

1	Please see section 11.

4.3 Indication of any immediate medical attention and special treatment needed

1	Treat symptomatically.
2	Symptoms may be delayed.

5 Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media	Use extinguishing media suitable for surrounding area.
Unsuitable extinguishing media	There is no restriction on the type of extinguisher which may be used.

5.2 Specific hazards arising from the substance or mixture

1	Development of hazardous combustion gases or vapor possible in the event of fire.

5.3 Advice for firefighters

1	As in any fire, wear self-contained breathing apparatus （MSHA/NIOSH approved or equivalent) and full protective gear.
2	Fight fire from a safe distance, with adequate cover.
3	Prevent fire extinguishing water from contaminating surface water or the ground water system.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

1	Use personal protective equipment,do not breathe gas/mist/vapour/spray.
2	Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges.
3	Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

6.2 Environmental precautions

1	Prevent further leakage or spillage if safe to do so.
2	Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

1	Cut off the source of the leak as much as possible.
2	Keep leaks in a ventilated place.

3	Absorb spilled material in dry sand or inert absorbent. In case of large amount of spillage, contain a spill by bunding.
4	Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.
5	Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container.

6.4 Reference to other sections

1	Personal Protective Equipment advice is contained in Section 8 of the SDS.
2	Disposal considerations advice is contained in Section 13 of the SDS.

7 Handling and storage

7.1 Precautions for safe handling

◆ Protective measures

1	Handling is performed in a well ventilated place.
2	Avoid contact with eyes.

◆ Measures to prevent fire

1	Keep away from heat/sparks/open flames/ hot surfaces.

◆ Measures to prevent aerosol and dust generation

1	Not applicable.

◆ Advice on general occupational hygiene

1	Wash hands and face after using of the substances.
2	Replace the contaminated clothing immediately.

7.2 Conditions for safe storage, including any incompatibilities

1	Keep containers tightly closed.
2	Keep containers in a dry, cool and well-ventilated place.
3	Keep away from heat/sparks/open flames/hot surfaces.
4	Store away from incompatible materials and foodstuff containers.

7.3 Specific end use(s)

1	In addition to use mentioned in the Section 1.2, unforeseen other specific end uses.

8 Exposure controls/personal protection

8.1 Control parameters

Component	Country/Region	Limit value - Eight hours		Limit value - Short term	
		ppm	mg/m³	ppm	mg/m³
Glycerin	Finland	-	20	-	-
	France	-	10	-	-
	Germany (AGS)	-	200	-	400
	Germany (DFG)	-	200	-	400
	Poland	-	10	-	-
	Spain	-	10	-	-
Phenoxyethanol	Finland	20	110	50	290

	Germany (AGS)	1	5.7	1	5.7
	Germany (DFG)	1	5.7	1	5.7
	Poland	-	230	-	-
	Switzerland	20	110	20	110
	Austria	20	110	20	110

◆ Biological limit values

Biological limit values	No relevant regulations

◆ Monitoring methods

1	EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.
2	GBZ/T 300 series standard Determination of toxic substances in workplace air.

◆ Derived No effect level (DNEL)

Component	Route of exposure	DNEL for Workers			
		Acute effects (local)	Acute effects (systemic)	Chronic effects (local)	Chronic effects (systemic)
Styrene/Acrylates Copolymer	Inhalation	No information available	No information available	No information available	No information available
	Oral	No information available	No information available	No information available	No information available
	Dermal	No information available	No information available	No information available	No information available
Acrylonitrile/Methyl Methacrylate/ Vinylidene Chloride Copolymer	Inhalation	No information available	No information available	No information available	No information available
	Oral	No information available	No information available	No information available	No information available
	Dermal	No information available	No information available	No information available	No information available
Glycerin	Inhalation	No information available	No information available	No information available	No information available
	Oral	No information available	No information available	No information available	No information available
	Dermal	No information available	No information available	No information available	No information available
Propylene glycol	Inhalation	No information available	No information available	No information available	No information available
	Oral	No information available	No information available	No information available	No information available
	Dermal	No information available	No information available	No information available	No information available
Phenoxyethanol	Inhalation	No information available	No information available	5.7 mg/m3	5.7 mg/m3
	Oral	No information available	No information available	No information available	No information available
	Dermal	No information available	No information available	No information available	No information available
Yellow 3	Inhalation	No information available	No information available	No information available	No information available
	Oral	No information available	No information available	No information available	No information available
	Dermal	No information available	No information available	No information available	No information available
Red 57	Inhalation	No information available	No information available	No information available	No information available

	Oral	No information available	No information available	No information available	No information available
	Dermal	No information available	No information available	No information available	No information available
Blue 15	Inhalation	No information available	No information available	No information available	No information available
	Oral	No information available	No information available	No information available	No information available
	Dermal	No information available	No information available	No information available	No information available

◆ Predicted No Effect Concentration (PNEC)

Predicted No Effect Concentration (PNEC)	No information available

8.2 Exposure controls

8.2.1 Engineering controls

1	Ensure adequate ventilation, especially in confined areas.
2	Ensure that eyewash stations and safety showers are close to the workstation location.
3	Set up emergency exit and necessary risk-elimination area.
4	Handle in accordance with good industrial hygiene and safety practice.

8.2.2 Personal protection equipment

General requirement	No special requirements, please see the description below.
Eye protection	In general situation, eye protection is not needed. In the production process, when contacting with vapour or dust, tightly fitting safety goggles.
Hand protection	In general situation, hand protection is not needed.
Respiratory protection	In general situation, respiratory protection is not needed. If exposure limits are exceeded or if irritation or other symptoms are experienced, wear dust proof mask or gas defence mask.
Skin and body protection	In general situation, skin and body protection are not needed.

8.2.3 Environmental exposure controls

Environmental exposure controls	No information available

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Liquid
Colour	Green/Yellow/Pink/Purple
Odor	No information available
Odor threshold	No information available
pH	No information available
Melting point/freezing point(°C)	No information available
Initial boiling point and boiling range(°C)	No information available
Flash point(Closed cup,°C)	No information available
Evaporation rate	No information available
Flammability	No information available

Upper/lower explosive limits[%(v/v)]	Upper limit：No information available；Lower limit：No information available
Vapor pressure	No information available
Vapor density(Air = 1)	No information available
Relative density(Water=1)	No information available
Solubility	No information available
n-octanol/water partition coefficient	No information available
Auto-ignition temperature(°C)	No information available
Decomposition temperature(°C)	No information available
Kinematic viscosity(mm²/s)	No information available
Explosive properties	Not explosive
Oxidizing properties	Not oxidizing
Particle characteristics	Not applicable

9.2 Other information

9.2.1 Information with regard to physical hazard classes

Information with regard to physical hazard classes	No information available

9.2.2 Other safety characteristics

Other safety characteristics	No information available

10 Stability and reactivity

Stability and reactivity

10.1 Reactivity	Contact with incompatible substances can cause decomposition or other chemical reactions.
10.2 Chemical stability	Stable under proper operation and storage conditions.
10.3 Possibility of hazardous reactions	In contact with oxidants causes severe reactions, and may cause a fire or explosion.
10.4 Conditions to avoid	Incompatible materials, heat, flame and spark.
10.5 Incompatible materials	Oxidants, alkali metals, alkaline earth metals and aluminum.
10.6 Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 Toxicological information

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

	Fluffy Paint
Skin corrosion/irritation	Based on available data, the classification criteria are not met
Serious eye damage/irritation	Based on available data, the classification criteria are not met
Skin sensitization	Based on available data, the classification criteria are not met
Respiratory sensitization	Based on available data, the classification criteria are not met
Reproductive toxicity	Based on available data, the classification criteria are not met
STOT-single exposure	Based on available data, the classification criteria are not met
STOT-repeated exposure	Based on available data, the classification criteria are not met
Aspiration hazard	Based on available data, the classification criteria are not met

Germ cell mutagenicity	Based on available data, the classification criteria are not met

Acute toxicity

Component	LD_{50}(oral)	LD_{50}(dermal)	LC_{50}(inhalation,4h)
Phenoxyethanol	1260mg/kg(Rat)	5510mg/kg(Rabbit)	No information available
Glycerin	12600mg/kg(Rat)	> 10000mg/kg(Rabbit)	No information available

Carcinogenicity

Component	List of carcinogens by the IARC Monographs	Report on Carcinogens by NTP
Styrene/Acrylates Copolymer	Not Listed	Not Listed
Acrylonitrile/Methyl Methacrylate/ Vinylidene Chloride Copolymer	Not Listed	Not Listed
Glycerin	Not Listed	Not Listed
Propylene glycol	Not Listed	Not Listed
Phenoxyethanol	Not Listed	Not Listed
Yellow 3	Not Listed	Not Listed
Red 57	Not Listed	Not Listed
Blue 15	Not Listed	Not Listed

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

Component	Endocrine disrupting properties
Styrene/Acrylates Copolymer	No information available
Acrylonitrile/Methyl Methacrylate/ Vinylidene Chloride Copolymer	No information available
Glycerin	No information available
Propylene glycol	No information available
Phenoxyethanol	No information available
Yellow 3	No information available
Red 57	No information available
Blue 15	No information available

11.2.2 Other Information

Other Information	See Section 11.1

12 Ecological information

12.1 Toxicity

Acute aquatic toxicity

Component	Fish	Crustaceans	Algae
Phenoxyethanol	LC_{50}：344mg/L (96h)(Fresh water fish)	No information available	No information available
Blue 15	No information available	EC_{50}：> 500mg/L (48h)(Aquatic invertebrates)	No information available
Glycerin	LC_{50}：885mg/L (96h)(Fresh water fish)	No information available	No information available
Yellow 3	LC_{50}：> 1mg/L (96h)(Fish)	EC_{50}：> 100mg/L (48h)(Daphnia magna)	No information available

Chronic aquatic toxicity

Chronic aquatic toxicity	No information available

12.2 Persistence and degradability

Component	Persistence (water/soil)	Persistence (air)
Phenoxyethanol	Low	Low
Yellow 3	High	High
Blue 15	High	High

12.3 Bioaccumulative potential

Component	Bioaccumulative potential	Comments
Phenoxyethanol	Low	Log Kow=1.2
Yellow 3	Medium	Log Kow=4.1171
Blue 15	Low	BCF=33

12.4 Mobility in soil

Component	Mobility in soil	Soil Organic Carbon-Water Partitioning Coefficient (Koc)
Phenoxyethanol	Low	12.12
Yellow 3	Low	460.5
Blue 15	Low	10000000000

12.5 Results of PBT and vPvB assessment

Component	Results of PBT and vPvB assessment [according to (EC) No 1907/2006]
Styrene/Acrylates Copolymer	No information available
Acrylonitrile/Methyl Methacrylate/ Vinylidene Chloride Copolymer	No information available
Glycerin	Not PBT/vPvB
Propylene glycol	No information available
Phenoxyethanol	Not PBT/vPvB
Yellow 3	Not PBT/vPvB

Red 57	No information available
Blue 15	Not PBT/vPvB

12.6 Endocrine disrupting properties

Component	Endocrine disrupting properties
Styrene/Acrylates Copolymer	No information available
Acrylonitrile/Methyl Methacrylate/ Vinylidene Chloride Copolymer	No information available
Glycerin	No information available
Propylene glycol	No information available
Phenoxyethanol	No information available
Yellow 3	No information available
Red 57	No information available
Blue 15	No information available

12.7 Other adverse effects

	No information available

13 Disposal considerations

13.1 Waste treatment methods

Waste chemicals	Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal.
Contaminated packaging	Containers may still present chemical hazard when empty. Keep away from hot and ignition source of fire. Return to supplier for recycling if possible.
Disposal recommendations	Refer to section waste chemicals and contaminated packaging.

14 Transport information

Label

Transporting Label	Not applicable

IMDG-CODE

IMDG-CODE	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

ICAO/IATA-DGR

IATA-DGR	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

UN-ADR

UN-ADR	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Maritime transport in bulk according to IMO instruments

◆Transport in bulk according to Annex II of MARPOL and the IBC code

	No information available

◆Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code

	No information available

◆Transport in bulk in accordance with the IGC Code

	No information available

15 Regulatory information

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

International chemical inventory

Component	EC inventory	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AIICS	ENCS
Styrene/Acrylates Copolymer	×	√	√	√	√	√	√	√	√
Acrylonitrile/Methyl Methacrylate/ Vinylidene Chloride Copolymer	×	√	√	√	√	√	√	√	√
Glycerin	√	√	√	√	√	√	√	√	√
Propylene glycol	×	×	×	×	√	√	×	×	√
Phenoxyethanol	√	√	√	√	√	√	√	√	√
Yellow 3	√	√	√	√	√	√	√	√	√
Red 57	×	×	×	×	×	×	×	×	×
Blue 15	√	√	√	√	√	√	√	√	√

[EC inventory] European Inventory of Existing Commercial Chemical Substances
[TSCA] United States Toxic Substances Control Act Inventory
[DSL] Canadian Domestic Substances List
[IECSC] China Inventory of Existing Chemical Substances
[NZIoC] New Zealand Inventory of Chemicals
[PICCS] Philippines Inventory of Chemicals and Chemical Substances
[KECI] Korea Existing Chemicals Inventory
[AIICS] Australian. Inventory of Industrial Chemical (AIICS)
[ENCS] Japan Inventory of Existing & New Chemical Substances

European chemical inventory

Component	A	B	C	D	E	F	G	H	I
Styrene/Acrylates Copolymer	×	×	×	√	×	×	×	×	×
Acrylonitrile/Methyl Methacrylate/ Vinylidene Chloride Copolymer	×	×	×	√	×	×	×	×	×
Glycerin	×	×	×	√	√	×	×	×	×
Propylene glycol	×	×	×	√	×	×	×	×	×
Phenoxyethanol	×	×	×	√	√	×	×	×	×
Yellow 3	×	×	×	√	√	√	×	×	×
Red 57	×	×	×	√	×	×	×	×	×
Blue 15	×	×	×	√	√	×	×	×	×

[A] Candidate list of Substances of Very High Concern for authorization under EU REACH regulation

[B] Substances requiring authorisation under EU REACH regulation
[C] Substances restricted under EU REACH
[D] Pre-registered substances under EU REACH
[E] Registered substances under EU REACH
[F] Substance Evaluation – CoRAP under EU REACH
[G] List of priority substances under EU water policy （Directive 2455/2001/EC）
[H] Substances subject to POPs Regulation
[I] Substances proposed as POPs

Note:
"√" Indicates that the substance included in the regulations.
"×" No data or not included in the regulations.

15.2 Chemical safety assessment

	No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

16 Other information

Information on revision

Creation Date	2025/03/19
Revision Date	-
Reason for revision	-

Reference

[1] IPCS: The International Chemical Safety Cards (ICSC), website: http://www.ilo.org/dyn/icsc/showcard.home。
[2] IARC, website: http://www.iarc.fr/。
[3] OECD: The Global Portal to Information on Chemical Substances, website: https://www.echemportal.org/echemportal/。
[4] CAMEO Chemicals, website: http://cameochemicals.noaa.gov/search/simple。
[5] NLM: ChemIDplus, website: http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp。
[6] EPA: Integrated Risk Information System, website: http://cfpub.epa.gov/iris/。
[7] U.S. Department of Transportation: ERG, website: http://www.phmsa.dot.gov/hazmat/library/erg。
[8] Germany GESTIS-database on hazard substance, website: http://gestis-en.itrust.de/。

Abbreviations and acronyms

CAS	Chemical Abstracts Service	UN	The United Nations
PC-STEL	Short term exposure limit	OECD	Organization for Economic Co-operation and Development
PC-TWA	Time Weighted Average	IMDG-CODE	International Maritime Dangerous Goods CODE
MAC	Maximum Allowable Concentration	IARC	International Agency for Research on Cancer
DNEL	Derived No Effect Level	ICAO	International Civil Aviation Organization
PNEC	Predicted No Effect Concentration	IATA	International Air Transportation Association
NOEC	No Observed Effect Concentration	ACGIH	American Conference of Governmental Industrial Hygienists
LC_{50}	Lethal Concentration 50%	NFPA	National Fire Protection Association
LD_{50}	Lethal Dose 50%	NTP	National Toxicology Program
EC_{50}	Effective Concentration 50%	PBT	Persistent, Bioaccumulative, Toxic
EC_X	Effective Concentration X%	vPvB	very Persistent, very Bioaccumulative
P_{OW}	Partition coefficient Octanol: Water	CMR	Carcinogens, mutagens or substances toxic to reproduction
BCF	Bioconcentration factor	RPE	Respiratory Protective Equipment
ED	Endocrine disruptor	G1	Carcinogenic to humans
G2A	Probably carcinogenic to humans	G2B	Possibly carcinogenic to humans
G3	Not yet classified as carcinogenic to humans	G4	Probably not carcinogenic to humans

Disclaimer

This Safety Data Sheet (SDS) was prepared according to regulation No. (EC) 1272/2008 & GHS. The data included was derived from international authoritative database and provided by the enterprise. Other information was based

on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user's reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

Safety Data Sheet

Watercolor Paint/Color Cake

Version：V2.0.1.1
Report No.：HGBZ25043LV1
Creation Date：2025/04/07
Revision Date：-

*Prepared according to EU regulation No. 2020/878|GHS（10th Revised Edition）

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

1.1 Product identifier

Product Name	Watercolor Paint/Color Cake
CAS No.	Not applicable
EC No.	Not applicable
Molecular Formula	
REACH Registration Number	-
UFI	No information available

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

Relevant identified uses	Please consult manufacturer.
Uses advised against	Please consult manufacturer.

1.3 Details of the supplier of the Safety Data Sheet

Applicant Name	Canal Toys Ltd
Applicant Address	Room 401, 4th Floor, HKC Commercial entre, Dongcheng Avenue No. 5, Zhangmutou Town, Dongguan City, Guangdong Province, P. R. China.
Applicant Post Code	523618
Applicant Telephone	+86-769-8770 0857
Applicant Fax	+86-769-8770 3510
Applicant E-mail	gary.li@canaltoysasia.com
Supplier Name	Canal Toys Ltd
Supplier Address	Room 401, 4th Floor, HKC Commercial entre, Dongcheng Avenue No. 5, Zhangmutou Town, Dongguan City, Guangdong Province, P. R. China.
Supplier Post Code	523618
Supplier Telephone	+86-769-8770 0857
Supplier Fax	+86-769-8770 3510
Supplier E-mail	gary.li@canaltoysasia.com

1.4 Emergency telephone number

Emergency telephone number	+86-769-8770 0857
Opening hours	24h

2 Hazards identification

2.1 CLP classification according to Regulation（EC）No. 1272/2008|hazard classification according to GHS

According to Regulation (EC) No 1272/2008 and its amendments and GHS（10th Revised Edition）. Not classified as a dangerous substance.

2.2 Label elements

Hazard pictograms	Not applicable
Signal word	Not applicable

Hazard statements

Hazard statements	Not applicable

Precautionary statements

- Prevention

Prevention	Not applicable

- Response

Response	Not applicable

- Storage

Storage	Not applicable

- Disposal

Disposal	Not applicable

2.3 Other hazards

- Results of PBT and vPvB assessment

Component	Results of PBT and vPvB assessment [according to (EC) No 1907/2006]
Calclum Carbonate	Not applicable
Maltodextrin	No information available
White Mineral Oil	Not PBT/vPvB
Yellow 12	Not PBT/vPvB
Red 81	Not PBT/vPvB
Blue 15	Not PBT/vPvB
Violet 1	No information available
Titanium Dioxide	Not applicable
Red 21	No information available

- Results of endocrine disrupting properties assessment

Component	Results of endocrine disrupting properties assessment [according to (EU) No 2017/2100 or (EU) No 2018/605]
Calclum Carbonate	No information available
Maltodextrin	No information available
White Mineral Oil	No information available
Yellow 12	No information available
Red 81	No information available
Blue 15	No information available
Violet 1	No information available

Titanium Dioxide	No information available
Red 21	No information available

◆ Other

	Not applicable.

3 Composition/information on ingredients

3.1 Substance/mixture

	Mixture

Component	Weight % content(or range)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific Conc. Limits, M-factors
Calclum Carbonate CAS：471-34-1 EC：207-439-9 Index No.：-	74	Not Classified	-
Maltodextrin CAS：9050-36-6 EC：232-940-4 Index No.：-	15.7	Not Classified	-
White Mineral Oil CAS：8042-47-5 EC：232-455-8 Index No.：-	9.5	Not Classified	-
May Contain			
Yellow 12 CAS：6358-85-6 EC：228-787-8 Index No.：-	0.14- 0.56	Not Classified	-
Red 81 CAS：12224-98-5 EC：235-424-7 Index No.：-	0- 0.5	Not Classified	-
Blue 15 CAS：147-14-8 EC：205-685-1 Index No.：-	0- 0.44	Not Classified	-
Violet 1 CAS：1326-03-0 EC：215-413-3 Index No.：-	0- 0.4	Hazardous To The Aquatic Environment – Long-Term (Chronic) Hazard，Category 3，H412	-
Titanium Dioxide CAS：13463-67-7 EC：236-675-5 Index No.：022-006-00-2	0.14- 0.3	Carcinogenicity，Category 2，H351	-
Red 21 CAS：6410-26-0 EC：229-096-4 Index No.：-	0.08- 0.18	Not Classified	-

4 First-aid measures

4.1 Description of first aid measures

General advice	Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.

Eye contact	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
Skin contact	Rinse skin with plenty of water or shower.
Ingestion	Rinse mouth.
Inhalation	Fresh air， rest.
Protecting of first-aiders	Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.

4.2 Most important symptoms/effects, acute and delayed

1	Please see section 11.

4.3 Indication of any immediate medical attention and special treatment needed

1	Treat symptomatically.
2	Symptoms may be delayed.

5 Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media	Use extinguishing media suitable for surrounding area.
Unsuitable extinguishing media	There is no restriction on the type of extinguisher which may be used.

5.2 Specific hazards arising from the substance or mixture

1	Development of hazardous combustion gases or vapor possible in the event of fire.
2	Not considered a significant fire risk, however containers may burn.

5.3 Advice for firefighters

1	As in any fire, wear self-contained breathing apparatus（MSHA/NIOSH approved or equivalent) and full protective gear.
2	Fight fire from a safe distance, with adequate cover.
3	Prevent fire extinguishing water from contaminating surface water or the ground water system.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

1	Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges.
2	Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
3	Use personal protective equipment,do not breathe dust/fume.

6.2 Environmental precautions

1	Prevent further leakage or spillage if safe to do so.
2	Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

1	Cut off the source of the leak as much as possible.
2	Keep leaks in a ventilated place.
3	Isolation of contaminated areas and restrictions on access.
4	It is recommended that emergency personnel wear dust masks.
5	Collect the spill with a clean shovel and place it in a clean, dry, loosely closed container and move the container

	away from the leak.
6	Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

6.4 Reference to other sections

1	Personal Protective Equipment advice is contained in Section 8 of the SDS.
2	Disposal considerations advice is contained in Section 13 of the SDS.

7 Handling and storage

7.1 Precautions for safe handling

◆ Protective measures

1	Handling is performed in a well ventilated place.
2	Wear suitable protective equipment.
3	Avoid contact with skin and eyes.

◆ Measures to prevent fire

1	Keep away from heat/sparks/open flames/ hot surfaces.

◆ Measures to prevent aerosol and dust generation

1	Avoid formation of dust and aerosols.
2	Provide appropriate exhaust ventilation at places where dust is formed.

◆ Advice on general occupational hygiene

1	Wash hands and face after using the substances.
2	Replace the contaminated clothing immediately.

7.2 Conditions for safe storage, including any incompatibilities

1	Keep containers tightly closed.
2	Keep containers in a dry, cool and well-ventilated place.
3	Keep away from heat/sparks/open flames/hot surfaces.
4	Store away from incompatible materials and foodstuff containers.

7.3 Specific end use(s)

1	In addition to use mentioned in the Section 1.2, unforeseen other specific end uses.

8 Exposure controls/personal protection

8.1 Control parameters

Component	Country/Region	Limit value - Eight hours		Limit value - Short term	
		ppm	mg/m³	ppm	mg/m³
Calclum Carbonate	France	-	10(inhalable aerosol)	-	-
	Poland	-	10	-	-
	Switzerland	-	3(respirable aerosol)	-	-
	United Kingdom	-	10(Inhalable fraction);4(Respirable fraction)	-	-

	Ireland	-	10	-	-
	Latvia	-	6	-	-
White Mineral Oil	Germany (AGS)	-	5	-	20
	Germany (DFG)	-	5	-	20
	Romania	-	5	-	10
	Switzerland	-	5	-	-
Yellow 12	Germany (DFG)	-	0.3	-	2.4
Titanium Dioxide	Denmark	-	6(total dust)	-	12(total dust)
	France	-	11(inhalable aerosol)	-	-
	Germany (DFG)	-	0.3	-	2.4
	Norway	-	5	-	-
	Poland	-	10	-	-
	Romania	-	10	-	15

◆ Biological limit values

Biological limit values	No relevant regulations

◆ Monitoring methods

1	EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.
2	GBZ/T 300 series standard Determination of toxic substances in workplace air.

◆ Derived No effect level (DNEL)

Component	Route of exposure	DNEL for Workers			
		Acute effects (local)	Acute effects (systemic)	Chronic effects (local)	Chronic effects (systemic)
Calcium Carbonate	Inhalation	No information available	No information available	6.36 mg/m3	No information available
	Oral	No information available	No information available	No information available	No information available
	Dermal	No information available	No information available	No information available	No information available
Maltodextrin	Inhalation	No information available	No information available	No information available	No information available
	Oral	No information available	No information available	No information available	No information available
	Dermal	No information available	No information available	No information available	No information available
White Mineral Oil	Inhalation	No information available	No information available	No information available	164.56 mg/m3
	Oral	No information available	No information available	No information available	No information available
	Dermal	No information available	No information available	No information available	No information available
Yellow 12	Inhalation	No information available	No information available	No information available	No information available
	Oral	No information available	No information available	No information available	No information available
	Dermal	No information available	No information available	No information available	No information available

Red 81	Inhalation	No information available	No information available	No information available	No information available
	Oral	No information available	No information available	No information available	No information available
	Dermal	No information available	No information available	No information available	No information available
Blue 15	Inhalation	No information available	No information available	No information available	No information available
	Oral	No information available	No information available	No information available	No information available
	Dermal	No information available	No information available	No information available	No information available
Violet 1	Inhalation	No information available	No information available	No information available	No information available
	Oral	No information available	No information available	No information available	No information available
	Dermal	No information available	No information available	No information available	No information available
Titanium Dioxide	Inhalation	No information available	No information available	0.17 mg/m3	No information available
	Oral	No information available	No information available	No information available	No information available
	Dermal	No information available	No information available	No information available	No information available
Red 21	Inhalation	No information available	No information available	No information available	No information available
	Oral	No information available	No information available	No information available	No information available
	Dermal	No information available	No information available	No information available	No information available

◆ Predicted No Effect Concentration (PNEC)

Predicted No Effect Concentration (PNEC)	No information available

8.2 Exposure controls

8.2.1 Engineering controls

1	Ensure adequate ventilation, especially in confined areas.
2	Ensure that eyewash stations and safety showers are close to the workstation location.
3	Set up emergency exit and necessary risk-elimination area.
4	Handle in accordance with good industrial hygiene and safety practice.

8.2.2 Personal protection equipment

General requirement	No special requirements, please see the description below.
Eye protection	In general situation, eye protection is not needed. In the production process, when contacting with vapour or dust, tightly fitting safety goggles.
Hand protection	In general situation, hand protection is not needed.
Respiratory protection	In general situation, respiratory protection is not needed. If exposure limits are exceeded or if irritation or other symptoms are experienced, wear dust proof mask or gas defence mask.
Skin and body protection	In general situation, skin and body protection are not needed.

8.2.3 Environmental exposure controls

Environmental exposure controls	No information available

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Solid
Colour	Yellow/Pink/Purple/Green(Turquoise)
Odor	No information available
Odor threshold	No information available
pH	No information available
Melting point/freezing point(°C)	No information available
Initial boiling point and boiling range(°C)	No information available
Flash point(Closed cup,°C)	Not applicable
Evaporation rate	Not applicable
Flammability	No information available
Upper/lower explosive limits[%(v/v)]	Upper limit：No information available；Lower limit：No information available
Vapor pressure	Not applicable
Vapor density(Air = 1)	Not applicable
Relative density(Water=1)	No information available
Solubility	No information available
n-octanol/water partition coefficient	No information available
Auto-ignition temperature(°C)	No information available
Decomposition temperature(°C)	No information available
Kinematic viscosity(mm^2/s)	Not applicable
Explosive properties	No information available
Oxidizing properties	No information available
Particle characteristics	No information available

9.2 Other information

9.2.1 Information with regard to physical hazard classes

Information with regard to physical hazard classes	No information available

9.2.2 Other safety characteristics

Other safety characteristics	No information available

10 Stability and reactivity

Stability and reactivity

10.1 Reactivity	Contact with incompatible substances can cause decomposition or other chemical reactions.
10.2 Chemical stability	Stable under proper operation and storage conditions.
10.3 Possibility of hazardous reactions	No information available.
10.4 Conditions to avoid	Incompatible materials, heat, flame and spark.
10.5 Incompatible materials	No information available.

10.6 Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 Toxicological information

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

Watercolor Paint/Color Cake	
Skin corrosion/irritation	Based on available data, the classification criteria are not met
Serious eye damage/irritation	Based on available data, the classification criteria are not met
Skin sensitization	Based on available data, the classification criteria are not met
Respiratory sensitization	Based on available data, the classification criteria are not met
Reproductive toxicity	Based on available data, the classification criteria are not met
STOT-single exposure	Based on available data, the classification criteria are not met
STOT-repeated exposure	Based on available data, the classification criteria are not met
Aspiration hazard	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Based on available data, the classification criteria are not met

Acute toxicity

Component	LD_{50}(oral)	LD_{50}(dermal)	LC_{50}(inhalation,4h)
Yellow 12	> 10800mg/kg(Rat)	No information available	No information available

Carcinogenicity

Component	List of carcinogens by the IARC Monographs	Report on Carcinogens by NTP
Calclum Carbonate	Not Listed	Not Listed
Maltodextrin	Not Listed	Not Listed
White Mineral Oil	Not Listed	Not Listed
Yellow 12	Not Listed	Not Listed
Red 81	Not Listed	Not Listed
Blue 15	Not Listed	Not Listed
Violet 1	Not Listed	Not Listed
Titanium Dioxide	Category 2B	Not Listed
Red 21	Not Listed	Not Listed

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

Component	Endocrine disrupting properties
Calclum Carbonate	No information available
Maltodextrin	No information available
White Mineral Oil	No information available
Yellow 12	No information available
Red 81	No information available

Blue 15	No information available
Violet 1	No information available
Titanium Dioxide	No information available
Red 21	No information available

11.2.2 Other Information

Other Information	See Section 11.1

12 Ecological information

12.1 Toxicity

Acute aquatic toxicity

Component	Fish	Crustaceans	Algae
Red 81	LC_{50}: 935.79mg/L (96h)(Fish)	EC_{50}: 137.827mg/L (48h)(Daphnia magna)	ErC_{50}: 215.213mg/L (72h)(Freshwater algae)
Blue 15	No information available	EC_{50}: > 500mg/L (48h)(Aquatic invertebrates)	No information available
Yellow 12	LC_{50}: > 100mg/L (96h)(Fresh water fish)	EC_{50}: > 100mg/L (48h)(Daphnia magna)	ErC_{50}: > 100mg/L (72h)(Algae)
Violet 1	No information available	EC_{50}: 0.424mg/L (48h)(Daphnia magna)	ErC_{50}: 0.237mg/L (72h)(Freshwater algae)

Chronic aquatic toxicity

Chronic aquatic toxicity	No information available

12.2 Persistence and degradability

Component	Persistence (water/soil)	Persistence (air)
Yellow 12	High	High
Blue 15	High	High
Titanium Dioxide	High	High

12.3 Bioaccumulative potential

Component	Bioaccumulative potential	Comments
Yellow 12	Low	BCF=5.4
Blue 15	Low	BCF=33
Titanium Dioxide	Low	BCF=10

12.4 Mobility in soil

Component	Mobility in soil	Soil Organic Carbon-Water Partitioning Coefficient (Koc)
Yellow 12	Low	79680
Blue 15	Low	10000000000
Titanium Dioxide	Low	23.74

12.5 Results of PBT and vPvB assessment

Component	Results of PBT and vPvB assessment [according to (EC) No 1907/2006]
Calclum Carbonate	Not applicable
Maltodextrin	No information available
White Mineral Oil	Not PBT/vPvB
Yellow 12	Not PBT/vPvB
Red 81	Not PBT/vPvB
Blue 15	Not PBT/vPvB
Violet 1	No information available
Titanium Dioxide	Not applicable
Red 21	No information available

12.6 Endocrine disrupting properties

Component	Endocrine disrupting properties
Calclum Carbonate	No information available
Maltodextrin	No information available
White Mineral Oil	No information available
Yellow 12	No information available
Red 81	No information available
Blue 15	No information available
Violet 1	No information available
Titanium Dioxide	No information available
Red 21	No information available

12.7 Other adverse effects

	No information available

13 Disposal considerations

13.1 Waste treatment methods

Waste chemicals	Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal.
Contaminated packaging	Containers may still present chemical hazard when empty. Keep away from hot and ignition source of fire. Return to supplier for recycling if possible.
Disposal recommendations	Refer to section waste chemicals and contaminated packaging.

14 Transport information

Label

Transporting Label	Not applicable

IMDG-CODE

IMDG-CODE	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

ICAO/IATA-DGR

IATA-DGR	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

UN-ADR

UN-ADR	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Maritime transport in bulk according to IMO instruments

◆Transport in bulk according to Annex II of MARPOL and the IBC code

No information available

◆Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code

No information available

◆Transport in bulk in accordance with the IGC Code

No information available

15 Regulatory information

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

International chemical inventory

Component	EC inventory	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AIICS	ENCS
Calclum Carbonate	√	√	√	√	√	√	√	√	√
Maltodextrin	√	√	√	√	√	√	√	√	×
White Mineral Oil	√	√	√	√	√	√	√	√	×
Yellow 12	√	√	√	√	√	√	√	√	√
Red 81	√	√	√	√	√	√	√	√	√
Blue 15	√	√	√	√	√	√	√	√	√
Violet 1	√	√	√	√	√	√	√	√	√
Titanium Dioxide	√	√	√	√	√	√	√	√	√
Red 21	√	√	×	×	×	×	×	×	×

[EC inventory]	European Inventory of Existing Commercial Chemical Substances
[TSCA]	United States Toxic Substances Control Act Inventory
[DSL]	Canadian Domestic Substances List
[IECSC]	China Inventory of Existing Chemical Substances
[NZIoC]	New Zealand Inventory of Chemicals
[PICCS]	Philippines Inventory of Chemicals and Chemical Substances
[KECI]	Korea Existing Chemicals Inventory
[AIICS]	Australian. Inventory of Industrial Chemical (AIICS)
[ENC	Japan Inventory of Existing & New Chemical Substances

S]

European chemical inventory

Component	A	B	C	D	E	F	G	H	I
Calclum Carbonate	×	×	×	√	√	×	×	×	×
Maltodextrin	×	×	×	√	×	×	×	×	×
White Mineral Oil	×	×	×	√	√	×	×	×	×
Yellow 12	×	×	×	√	√	×	×	×	×
Red 81	×	×	×	√	√	×	×	×	×
Blue 15	×	×	×	√	√	×	×	×	×
Violet 1	×	×	×	√	√	×	×	×	×
Titanium Dioxide	×	×	×	√	√	√	×	×	×
Red 21	×	×	×	√	×	×	×	×	×

[A] Candidate list of Substances of Very High Concern for authorization under EU REACH regulation
[B] Substances requiring authorisation under EU REACH regulation
[C] Substances restricted under EU REACH
[D] Pre-registered substances under EU REACH
[E] Registered substances under EU REACH
[F] Substance Evaluation – CoRAP under EU REACH
[G] List of priority substances under EU water policy (Directive 2455/2001/EC)
[H] Substances subject to POPs Regulation
[I] Substances proposed as POPs

Note:
"√" Indicates that the substance included in the regulations.
"×" No data or not included in the regulations.

15.2 Chemical safety assessment

	No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

16 Other information

Information on revision

Creation Date	2025/04/07
Revision Date	-
Reason for revision	-

Reference

[1] IPCS: The International Chemical Safety Cards (ICSC), website: http://www.ilo.org/dyn/icsc/showcard.home.
[2] IARC, website: http://www.iarc.fr/.
[3] OECD: The Global Portal to Information on Chemical Substances, website: https://www.echemportal.org/echemportal/.
[4] CAMEO Chemicals, website: http://cameochemicals.noaa.gov/search/simple.
[5] NLM: ChemIDplus, website: http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp.
[6] EPA: Integrated Risk Information System, website: http://cfpub.epa.gov/iris/.
[7] U.S. Department of Transportation: ERG, website: http://www.phmsa.dot.gov/hazmat/library/erg.
[8] Germany GESTIS-database on hazard substance, website: http://gestis-en.itrust.de/.

Abbreviations and acronyms

CAS	Chemical Abstracts Service	UN	The United Nations

PC-STEL	Short term exposure limit	OECD	Organization for Economic Co-operation and Development
PC-TWA	Time Weighted Average	IMDG-CODE	International Maritime Dangerous Goods CODE
MAC	Maximum Allowable Concentration	IARC	International Agency for Research on Cancer
DNEL	Derived No Effect Level	ICAO	International Civil Aviation Organization
PNEC	Predicted No Effect Concentration	IATA	International Air Transportation Association
NOEC	No Observed Effect Concentration	ACGIH	American Conference of Governmental Industrial Hygienists
LC_{50}	Lethal Concentration 50%	NFPA	National Fire Protection Association
LD_{50}	Lethal Dose 50%	NTP	National Toxicology Program
EC_{50}	Effective Concentration 50%	PBT	Persistent, Bioaccumulative, Toxic
EC_X	Effective Concentration X%	vPvB	very Persistent, very Bioaccumulative
P_{OW}	Partition coefficient Octanol: Water	CMR	Carcinogens, mutagens or substances toxic to reproduction
BCF	Bioconcentration factor	RPE	Respiratory Protective Equipment
ED	Endocrine disruptor	G1	Carcinogenic to humans
G2A	Probably carcinogenic to humans	G2B	Possibly carcinogenic to humans
G3	Not yet classified as carcinogenic to humans	G4	Probably not carcinogenic to humans

Disclaimer

This Safety Data Sheet (SDS) was prepared according to regulation No. (EC) 1272/2008 & GHS. The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user's reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.