

Safety Data Sheet

1. IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: Ultra Shift Pearls

SDS Record Number: CSSS-TCO-010-153663

Intended/Recommended Use: Coloring matter

Address: 27 North Market St. Suite 2 Mount Joy, PA 17552

For Product and all Non-Emergency Information call your local Peelclear contact point or contact us at: peelclear.com

Email: info@peelclear.com

Phone Number: For emergency only involving spill, leak, fire, exposure or accident call: +1 (717) 220-3111

2. HAZARDS IDENTIFICATION

Classification of The Mixture:

The mixture is classified as following according to REGULATION (EC) No 1272/2008:

REGULATION (EC) No 1272/2008	
Hazard classes/ Hazard categories	Hazard statement
Carc. 2	H351

For full text of H- phrases: see section 2.2.

LABEL ELEMENTS

GHS label elements



Signal word:

Hazard statement(s):

Precautionary statement(s):

Warning

H351: Suspected of causing cancer (inhalation)

P201: Obtain special instructions before use.

P20: Do not handle until all safety precautions have been read and understood.

P280: Wear protective gloves/ protective clothing/ eye protection/ face protection.

P308+P313: IF exposed or concerned: Get medical advice/attention.

P405: Store locked up.

P501: Dispose of contents/ container in accordance with local/ regional/ national/ international regulations.

Supplemental Hazard information (EU)

Not applicable.

Other hazards:

The mixture does not contain PBT/ vPvB substance.

The mixture does not contain endocrine disruptor

3 . COMPOSITION AND INFORMATION ON INGREDIENTS

Substance/ Mixture:

Component	CAS No.	Weight Concentration %
Mica	12001-26-2	60% - 100%
Titanium Dioxide	13463-67-7	1% - 5%
Iron Oxide	12227-89-3	0.5% - 1.5%

4 . FIRST AID MEASURES

Description of First Aid Measures:

In all cases of doubt, or when symptoms persist, seek medical attention.

Inhalation: Move to fresh air. Oxygen or artificial respiration if needed. Victim to lie down in the recovery position, cover and keep them warm. Call a physician if symptoms appear.

Skin Contact: Wash skin with water. Obtain medical attention if soreness or redness persists.

Eyes Contact: Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Remove contact lenses if possible. Obtain medical attention.

Ingestion: Call a physician or poison control centre immediately. Take victim immediately to hospital. If swallowed, rinse mouth with water (only if the person is conscious) . Do NOT induce vomiting. Artificial respiration and/ or oxygen may be necessary.

Most important symptoms and effects, both acute and delayed: Suspected of causing cancer (inhalation).

Indication of any immediate medical attention and special treatment needed: If skin irritation or rash occurs, get medical advice/ attention.

5 . FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Dry chemical.

Unsuitable Extinguishing Media: Water with full jet.

Specific Hazards Arising from the Chemical: No further relevant information available.

Advice for Firefighters: In the event of fire, wear self- contained breathing apparatus. Use personal protective equipment. Wear chemical resistant oversuit. Cool containers / tanks with water spray.

6 . ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

For Non-Emergency Personnel: Prevent further leakage or spillage if safe to do so. Keep away from Incompatible products.

For Emergency Responders: Evacuate personnel to safe areas. Keep people away from and upwind of spill/ leak. Ventilate the area. Wear suitable protective clothing.

Environmental Precautions: Should not be released into the environment. Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and Material for Containment and Cleaning Up: Sweep up and shovel into suitable containers for disposal. Avoid dust formation. Keep in properly labelled containers. Keep in suitable, closed containers for disposal.

Reference to Other Sections: See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Protective Measures:	Use only equipment and materials which are compatible with the product. Keep away from Incompatible products. To avoid thermal decomposition, do not overheat. Preferably transfer by pump or gravity.
Advice on General Occupational Hygiene:	Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.
Conditions for Safe Storage, including any Incompatibilities	Store in original container. Keep in a well- ventilated place. Keep in a dry place. Keep in properly labelled containers. Keep container closed. Avoid dust formation. Keep away from incompatible products.
Specific end use(s)	Not applicable

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

CONTROL PARAMETERS:

Occupational Exposure Limits:

						Occupational Exposure Limit Value (8-hour reference period)	Occupational Exposure Limit Value (15-minute reference period)	
Country	Substance	EC No.	CAS No.	ppm	mg/m ³	ppm	mg/m ³	Notes
Ireland	Mica		12001-26-2		3 Respirable fraction			
Ireland	Titanium dioxide inhalable dust respirable dust	236-675-5	13463-67-7		10 4			
Ireland	Respirable fraction							

Additional Exposure Limits Under the Conditions of Use: Not available.

DNEL/DMEL and PNEC-Values: Not available.

EXPOSURE CONTROLS:

Appropriate Engineering Controls: Ensure adequate ventilation. Apply technical measures to comply with the occupational exposure limits.

Individual Protection Measures, such as Personal Protective Equipment:

Eye/face Protection: Chemical resistant goggles must be worn.

SKIN PROTECTION:

Hand Protection: Impervious gloves.

Body Protection: Standard work wear and safety boots for normal handling and use.

Respiratory Protection: Suitable respiratory protective device recommended.

Thermal Hazards: Wear suitable protective clothing to prevent heat.

Environmental Exposure Controls: Avoid discharge into the environment. According to local regulations, Federal and official regulations.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Powder
Color:	Not available
Odor:	Not available
Odor Thershold:	Not available
pH:	Not available
Melting Point/Freezing Point	Not available
Boiling Point and Boiling Range	ca. 3000 °C.(CAS# 13463-67-7)
Flash Point:	Not available
Evaporation Rate:	Not available
Flammability Limit - lower (%):	Not available
Flammability (solid, gas):	
Ignition Temperature	Not available
Upper/ lower explosive limits:	Not available
Vapour pressure (20 °C):	Not available
Vapour density:	Not available
Density:	3.9 g/cm ³ (20 °C,CAS# 13463-67-7)
Bulk density (kg/m3):	Not available
Water solubility (g/l):	Not available
n-Octanol/Water (log Po/w):	Not available
Auto-ignition Temperature:	Not available
Decomposition Temperature:	Not available
Viscosity, dynamic (mPa.s):	Not available
Explosive Properties:	Not explosive.
Oxidizing Properties:	Not oxidizing.

10 . STABILITY AND REACTIVITY

Reactivity:	The substance is stable under normal storage and handling conditions.
Chemical Stability:	Stable at room temperature in closed containers under normal storage & handling conditions.
Possibility of Hazardous Reactions:	No dangerous reactions known.
Conditions to Avoid:	Incompatible materials.
Incompatible Materials:	Strong oxidizing agents.
Hazardous Decomposition products:	Not available.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: Not available.

ATEmix(oral):	Not available
ATEmix(inhalation):	Not available
ATEmix(Dermal):	Not available
Titanium dioxide (CAS#13463-67-7)	
LD50(Oral, Rat):	> 2000 mg/kg bw
LC50(Inhalation, Rat):	ca. 3000 °C.(CAS# 13463-67-7)
LD50(Dermal, Rabbit):	Not available
Skin corrosion/irritation:	Not classified
Serious eye damage/irritation:	Not classified
Respiratory or skin sensitization:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Suspected of causing cancer (inhalation)
Reproductive toxicity:	Not classified
STOT- single exposure:	Not classified
STOT-repeated exposure:	Not classified
Aspiration hazard:	Not classified
Endocrine disrupting properties	The mixture does not contain endocrine disruptor.
Other information	Not available

12. ECOLOGICAL INFORMATION

TOXICITY:

TITANIUM DIOXIDE (CAS#13463-67-7)

Acute (short-term) toxicity:	
LC50(96h, Fish):	Not available
LC50(48h, Crustacea):	> 100 mg/L
EC50(72h, Algae/aquatic plants):	Not available
Chronic (long- term) toxicity:	
NOEC(Fish):	>= 160 mg/L
NOEC(Crustacea):	>= 10 mg/L
NOEC(Algae/ aquatic plants):	>= 1 mg/L
Persistence and Degradability:	Not available.
Bioaccumulative Potential:	Not available.
Mobility in Soil:	Not available.
Results of PBT and vPvB Assessment:	The mixture does not contain PBT / vPvB substance.
Endocrine Disrupting Properties:	The mixture does not contain endocrine disruptor.
Other Adverse Effects:	Not available.
Additional information	Not available.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods:

Dispose of in accordance with all applicable local and national regulations. Use recovery/ recycling where feasible, otherwise incineration is the recommended method of disposal. Empty containers may contain hazardous residues. Do not cut, puncture or weld on or near to the container. Labels should not be removed from containers until they have been cleaned. Contaminated containers must not be treated as household waste. Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate. Do not incinerate closed containers.

14. TRANSPORT INFORMATION

	Land transport (ADR/RID)	Inland waterways (ADN)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN number or ID number	Not regulated	Not regulated	Not regulated	Not regulated
UN proper shipping name	Not regulated	Not regulated	Not regulated	Not regulated
Transport hazard class(es)	Not regulated	Not regulated	Not regulated	Not regulated
Packing group	Not regulated	Not regulated	Not regulated	Not regulated
Environmental hazards	No	No	No	No
Special precautions for user	See section 2.2	See section 2.2	See section 2.2	See section 2.2
Maritime transport in bulk according to IMO instruments	Not regulated	Not regulated	Not regulated	Not regulated

15. REGULATORY INFORMATION

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/ LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE:

Relevant Information Regarding Authorization: Not applicable.

Relevant Information Regarding Restriction: Not applicable.

Other EU Regulations: Employment restrictions concerning young person must be observed. For use only by technically qualified individuals.

Other National Regulations: Not applicable

Chemical Safety Assessment: No

16. OTHER INFORMATION

Indication of Changes:

Version 1.0 Amended by (EU) 2020/878

Abbreviations and Acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

RID: Regulation for rail International transportation of Dangerous goods

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

IMDG: Code international maritime dangerous goods code

ICAO: International Civil Aviation Organization

IATA: International Air Transport Association

UFI: Unique Formula Identifier

LC50: median lethal concentration

EC50: The effective concentration of substance that causes 50 % of the maximum response.

NOEC: No Observed Effect Concentration

DNEL: derived no- effect level

PNEC: predicted no- effect concentration

Key Literature References and Sources for Data

ECHA Registered substances data

CLASSIFICATION AND PROCEDURE USED TO DERIVE THE CLASSIFICATION FOR MIXTURES ACCORDING TO REGULATION (EC) 1272/2008 [CLP]

Classification according to Regulation	(EC) No. 1272/2008	Classification Procedure
Carc. 2	H351	Calculation method

Relevant H-statements (number and full text): H351: Suspected of causing cancer (inhalation)

Training instructions: Not applicable.

Further information: This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

Notice to Reader: Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

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