

SAFETY DATA SHEET

Issue 1: 2nd September 2019

1. Product and Company Identification

Code: 073657
Product name: Osmo Ikon Blonde Elevation Freehand Clay Additive
Intended use: Hair bleach powder additive
Company Name: Osmo UK
3 Newmains Avenue
Inchinnan Business Park
Renfrew
United Kingdom
PA4 9RR
Telephone: +44 (0) 141 812 5000
Fax: +44 (0) 141 812 1919
Email: sales@osmo.uk.com

2. Hazard Identification

R Phrases	Finished cosmetic product. Not classifiable as hazardous under EU Directive 99/45/EC
-----------	--

3. Composition/information on ingredients

Ingredient	Range	CAS	EINECS	Classification	Symbol Letter(s)	R Phrase(s)
Amorphous Silica	1% to less than 3%	7631-86-9, 112945-52-5	231-545-4	Not classified	-	Community Workplace Exposure Limit
Kaolin	30% or more	1332-58-7	310-194-1	Not classified	-	Community Workplace Exposure Limit

This product contains Kaolin. Crystalline silicas are known impurities of Kaolin. The raw material used has less than 1% crystalline silica.

4. First Aid Measures

Skin contact:	If irritation occurs, wash area with water, mild soap may be used. Dry thoroughly.
Eye contact:	In case of accidental contact with the eye, wash out immediately with running water or eyewash solution, remove any contact lenses, continue washing for at least 10 minutes, and obtain medical advice.
Ingestion:	Wash out mouth with water (do not swallow). Drink 500ml (1 pint) of water or milk. Do not induce vomiting. Keep sitting up. Seek medical attention.
Inhalation:	If inhaled remove to fresh air. In cases of acute exposure seek medical attention. Oxygen may be administered by a qualified person
Effects of over-exposure:	Irritating to skin and mucous membranes of eyes and respiratory system.

5. Fire Fighting Measures

Suitable extinguishing media:	Water, water mist
Unsuitable extinguishing media:	
Special hazards in fire:	Fire may produce irritating, corrosive and/or toxic gases.
Required special protective equipment for fire-fighters:	A self contained breathing apparatus , full protective clothing.

SAFETY DATA SHEET

Issue 1: 2nd September 2019

6. Accidental Release Measures

Personal precautions:	Wear suitable gloves. Large spills may require dust mask and goggles as well.
Environmental precautions:	If possible, vacuum to avoid air contamination After removing powder, wash area to drain with high dilution of water.
Methods for cleaning:	Vacuum immediately to avoid air contamination. In cases of large spills sweep gently, to avoid dust generation, into watertight containers. Small spills (less than 100g) may be wiped up with a dry cloth, and the cloth cleaned by rinsing thoroughly under a running tap. Do not mix with other waste.

7. Handling & Storage

7.1	Handling:	Do not eat, drink or smoke whilst handling the product. Wear gloves. Do not return unused material to container. Keep powder cool and dry. Do not use metal objects (mixing bowls etc.) when mixing the product. Make sure there is adequate ventilation.
7.2	Storage:	Cool and dry. Do not expose to heat, fire, combustible materials or strong reducing agents. Store in original containers away from sources of heat.
7.3	Specific Use:	Use a plastic spoon to measure the required amount into a non-metallic mixing bowl containing the bleach powder. Take care not to generate dust. Add the appropriate amount of developer and mix thoroughly.

8. Exposure controls/personal protection

8.1	Exposure limit values	<p>Silica: Inhalable dust: 6mg/m³ Long-term exposure (8-hour TWA) Respirable dust: 2.4mg/m³ Long-term exposure (8-hour TWA)</p> <p>Starch: Total Inhalable dust: 10mg/m³ Long-term exposure (8-hour TWA) Respirable dust: 4mg/m³ Long-term exposure (8-hour TWA)</p> <p>Kaolin: Respirable dust: 2mg/m³ Long-term exposure (8-hour TWA)</p> <p>Quartz: Long-term exposure limit (8-hour TWA): WEL 0,1 mg/m³ respirable dust</p> <p>General Dust: Total Inhalable dust: 10mg/m³ Long-term exposure (8-hour TWA) Respirable dust and fume: 4mg/m³ Long-term exposure (8-hour TWA)</p>
8.2	Exposure controls	Good general ventilation is required. Use of dust-extraction is recommended.
8.2.1a	Respiratory Protection	Not normally required. In case of spills of up to 1kg wear a disposable dust mask conforming to FFP1
8.2.1b	Hand Protection	Wear gloves. Lightweight polythene gloves may be worn, but disposable gloves conforming to EN374 are advised.
8.2.1c	Eye Protection	Not normally required. Eye wash stations must be available. In the case of large spills, eye protection to EN166-1-F is advised.
8.2.1d	Skin Protection	Special protection is not normally required. Always wash skin thoroughly after handling chemicals. Launder contaminated clothing separately from other clothes.
8.2.2	Environmental Exposure Controls	Not normally required.

SAFETY DATA SHEET

Issue 1: 2nd September 2019

9. Physical and chemical properties

9.1	General information	
	Appearance:	Off white powder
	Odour:	Characteristic odour
9.2	Important health, safety and environmental information	
	pH 1%:	Approx 8.0
	Boiling point/boiling range:	Not applicable
	Flash point	Not determined
	Flammability	Not determined
	Explosive properties	Not determined
	Oxidising properties	Not applicable
	Vapour pressure	Not determined
	Relative density	Approx 0.10g/cm ³
	Solubility	Partially water soluble
	Water solubility	Contains some water-soluble substances. Some of the ingredients are immiscible and will spread on the water surface.
	Partition coefficient: n-octanol/water	Not determined
	Viscosity	Not applicable (solid)
	Vapour density	Not applicable (solid)
	Evaporation rate	Not applicable (solid)
9.3	Other information	None

10. Stability and reactivity

10.1	Conditions to avoid:	Moisture and heat
10.2	Materials to avoid:	Reducing agents, readily oxidizable materials and combustibles Strong acids, bases and alkalis Heavy metals (metal mixing bowls etc) and heavy metal salts
10.3	Hazardous decomposition products:	Carbon oxides

11. Toxicological information

Summary. Exposure may affect human health as follows:

Route	Acute Exposure	Repeat or Chronic Exposure
-------	----------------	----------------------------

Skin contact: Irritant,

Eye contact: Irritant

Inhalation: Irritant,

Ingestion:

Individual raw materials are supplied with the following toxicological information:

Osmo UK has not commissioned, and does not commission animal testing, but is obliged to report animal test data where available.

Silica	1.0% to less than 3.0%
LD50, oral, rat	>10000 mg/kg
LC0, inhalation, rat, 4hr	0.139 mg/l
LD50, dermal, rat	>5000 mg/kg
Skin irritation, rabbit	Not irritating
Eye irritation, rabbit	Not irritating
Repeated dose, oral	No negative effects
Repeated dose, inhalative	No irreversible changes and no indication of silicosis
Gentotoxicity, in vitro	No evidence of mutagenic effects
Gentotoxicity, in vivo	No evidence of mutagenic effects
Carcinogenicity	No negative effects

SAFETY DATA SHEET

Issue 1: 2nd September 2019

Toxicity to reproduction No negative effects

Hydrated Silica 3% to less than 10%

Acute toxicity

Oral toxicity, LD50, rat	>5110 mg/kg
Dermal toxicity, LD50, rat	>5000 mg/kg
Inhalation toxicity, LC50, rat, 4hr	>0.139 g/l

Subacute to Chronic Toxicity

Chronic oral toxicity	No negative effects
Chronic inhalation toxicity	No irreversible effects. No symptoms of silicosis
Teratogenicity	No negative effects
Carcinogenicity	No negative effects
Fertility	No negative effects

Isopropyl Myristate 3% to less than 10%

Acute toxicity

Oral toxicity, LD50, rat	> 10000 mg/kg
Dermal toxicity, LD50, rabbit	5 g/kg
Inhalation toxicity, LC50, rat, 1hr	> 41 mg/l

12. Ecological information

Summary.

Some inorganic raw materials in this product are naturally found in the environment
Most of the organic compounds in this product are expected to biodegrade naturally
Detailed environmental effects are not required for the performance of COSHH assessments.

13. Disposal Considerations

Dispose of in accordance with locally valid waste disposal regulations.

14. Transport Information

U.N. Number:	Not regulated for transport
Proper Shipping Name:	Not regulated for transport
U.N. Number:	Not regulated for transport
Proper Shipping Name:	Not regulated for transport
U.N. Number:	Not regulated for transport
Proper Shipping Name:	Not regulated for transport

15. Regulatory Information

Chemical Safety Assessment	Not carried out
Label data according to 99/45/EC	Not required under Article 1, paragraph 5c of 99/45/EC (cosmetic product as defined in EU Regulation 1223/2009 in the finished state, intended for the final user)

SAFETY DATA SHEET

Issue 1: 2nd September 2019

16. Other Information

Osmo Ikon Blonde Elevation Freehand Clay Additive is a cosmetic product, and considered safe as required under the EU Regulation 1223/2009. As a finished cosmetic product, it is exempt from UK's Chemicals (Hazard Information and Packaging for Supply) Regulations (CHIP) regulations.

The CHIP regulations are the UK implementation of EU 67/548/EEC ("the substances Directive"), 1999/45/EC ("the preparations Directive"), and 76/769/EEC 91/155/EEC ("the safety data sheets Directive")

This safety data sheet is issued for the information of consumers and professional users only. In particular it is issued for professional users so that they may perform COSHH assessments. The Control of Substances Hazardous to Health (COSHH) regulations are the UK's implementation of (*inter alia*) EU Directives 98/24/EC and 96/55/EC.

This safety data sheet for a finished cosmetic product intended for the final user is not required to meet the requirements of EC regulation 1907/2006 (REACH) and is also exempt from the scope of EC regulation 1272/2008 on classification, labelling and packaging of substances and mixtures.

When using this product follow the instructions supplied with it.

R Phrases	R22 R36/37/38	Harmful if swallowed Irritating to eyes, respiratory system and skin
S Phrases	S22 S24/25 S26 S36/37 S45 S51	Do not breathe dust Avoid contact with skin and eyes In case of contact with eyes, rinse immediately with plenty of water and seek medical advice Wear suitable protective clothing and gloves In case of accident or if you feel unwell seek medical advice immediately (show the label where possible) Use only in well-ventilated areas
Training Advice	None	
Recommended restrictions on use	Clay additive 200g, BL0295 is only to be used as a component of a hair bleaching mixture	
Further information	-	
Sources of data used to compile this safety data sheet:	Raw material suppliers' safety data sheets 2007 ADR, ISBN 92-1-139112-1 EU directive 99/45/EC (Dangerous Substances Directive) EU directive 67/548/EEC (Classification, Packaging and Labelling of Dangerous Substances Directive) EH40 Workplace Exposure Limits 2005 EC regulation 1907/2006 (REACH) European Chemicals Bureau on-line databases and IUCLID dataset	
Revisions from issue dated	New	

This information is provided without warranty either expressed or implied, but it is believed to be accurate and is offered in good faith. No responsibility can be accepted for any accident or injury incurred through the misuse of this product.