

SAFETY DATA SHEET



Joico Style Reform Matte Clay

1. Identification of the material and supplier

Names

Product name : Joico Style Reform Matte Clay
Distributor : Sabre Corporation PTY LTD
Building 8, Suite 6, level 2 / 49 Frenchs Forest Road
Forest Central Business Park
Frenchs Forest, NSW, 2086
Manufacturer : Zotos International, INC
100 Tokeneke Road,
Darien, CT 06820
www.zotos.com
Emergency telephone number : 131126

2. Hazards identification

Classification : Not regulated.
Risk phrases : Not classified.
Hazard statements : CAUSES EYE IRRITATION. MAY CAUSE SKIN IRRITATION.
NOT EXPECTED TO PRODUCE SIGNIFICANT ADVERSE HEALTH EFFECTS WHEN THE RECOMMENDED INSTRUCTIONS FOR USE ARE FOLLOWED.

3. Composition/information on ingredients

Mixture : Yes.

Ingredient name	CAS number	Concentration
White mineral oil (petroleum)	8042-47-5	3.90
propane-1,2-diol	57-55-6	3.00
Paraffin waxes and Hydrocarbon waxes	8002-74-2	2.92
White mineral oil (petroleum)	8042-47-5	1.95
Ethyl alcohol	64-17-5	1.80

Other ingredients, determined not to be hazardous according to Safe Work Australia criteria, and not dangerous according to the ADG Code, make up the product concentration to 100%.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4. First aid measures

First aid measures

Inhalation : Move affected person to fresh air.
Ingestion : Have conscious person drink several glasses of water or milk. Do not induce vomiting. Get medical attention if adverse health effects persist or are severe.
Skin contact : Prolonged or repeated contact with skin or mucous membrane may result in irritation symptoms, such as redness, blistering, dermatitis etc. Discontinue use of product Apply cold compresses to affected areas to relieve any discomfort Seek medical attention if irritation persists.
Eye contact : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. May cause eye irritation.
Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training.
Advice to doctor : Treat symptomatically.

5. Fire-fighting measures

- Extinguishing media** : Extinguish fire using an agent suitable for the surrounding fire. Dike liquid for later disposal.
- Special exposure hazards** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
In a fire or if heated, a pressure increase will occur and the container may burst.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
nitrogen oxides
- Special protective equipment for fire-fighters** : Non-combustible. No special recommendations.

6. Accidental release measures

- Personal precautions** : Do not touch or walk through spilled material. Keep container closed.
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- Methods for cleaning up** : Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Place spilled material in an appropriate container for disposal.
After contact with skin, wash immediately with plenty of water.

7. Handling and storage

- Handling** : Avoid contact with skin and eyes. Store in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10).
- Storage** : Keep container tightly closed. Store in a dry place.

8. Exposure controls/personal protection

Occupational exposure limits

Ingredient name	Exposure limits
White mineral oil (petroleum)	Safe Work Australia (Australia, 1/2014). TWA: 5 mg/m ³ 8 hours. Form: mist
propane-1,2-diol	Safe Work Australia (Australia, 1/2014). TWA: 10 mg/m ³ 8 hours. Form: Particulate TWA: 150 ppm 8 hours. Form: Vapor and particulates TWA: 474 mg/m ³ 8 hours. Form: Vapor and particulates
Paraffin waxes and Hydrocarbon waxes	Safe Work Australia (Australia, 1/2014). TWA: 2 mg/m ³ 8 hours. Form: Fume
White mineral oil (petroleum)	Safe Work Australia (Australia, 1/2014). TWA: 5 mg/m ³ 8 hours. Form: mist
Ethyl alcohol	Safe Work Australia (Australia, 1/2014). TWA: 1880 mg/m ³ 8 hours. TWA: 1000 ppm 8 hours.

- Recommended monitoring procedures** : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

Exposure controls

- Engineering measures** : In case of insufficient ventilation, wear suitable respiratory equipment.
- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

8. Exposure controls/personal protection

- Eyes** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
- Hands** : Wear suitable gloves.
- Respiratory** : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
- Skin** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. Physical and chemical properties

- Physical state** : Liquid. [Viscous liquid.]
- Color** : Off-white to Gray
- Odor** : Odorless. Characteristic.
- Boiling point** : >100°C (>212°F)
- Relative density** : 0.981 to 1.0048
- Density** : 1.1 to 2.1 g/cm³
- Flash point** : Closed cup: >93.3°C (>199.9°F)
- pH** : 5.2 to 6.2
- Flame duration** : Not applicable.

10. Stability and reactivity

- Chemical stability** : Stable under recommended storage and handling conditions (see Section 7).
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- Conditions to avoid** : No specific data.
- Materials to avoid** : No specific data.
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological information

Potential acute health effects

- Inhalation** : Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
- Ingestion** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Eye contact** : No known significant effects or critical hazards.

Acute toxicity

Product/ingredient name	Result	Dose	Exposure
White mineral oil (petroleum) propane-1,2-diol	LD50 Oral	>5000 mg/kg	-
	LD50 Dermal	20800 mg/kg	-
	LD50 Oral	20 g/kg	-
White mineral oil (petroleum) Ethyl alcohol	LD50 Oral	>5000 mg/kg	-
	LC50 Inhalation Vapor	124700 mg/m ³	4 hours
	LD50 Oral	7 g/kg	-

- Conclusion/Summary** : Not available.

11. Toxicological information

Potential chronic health effects

Chronic toxicity

Conclusion/Summary : Not available.

Irritation/Corrosion

Product/ingredient name	Result	Score	Exposure	Observation
propane-1,2-diol	Eyes - Mild irritant	-	24 hours 500 milligrams	-
	Eyes - Mild irritant	-	100 milligrams	-
	Skin - Moderate irritant	-	96 hours 30 Percent continuous	-
	Skin - Mild irritant	-	168 hours 500 milligrams	-
	Skin - Moderate irritant	-	72 hours 104 milligrams	-
	Skin - Mild irritant	-	96 hours 30 Percent	-
Paraffin waxes and Hydrocarbon waxes	Eyes - Mild irritant	-	50 Percent	-
	Eyes - Mild irritant	-	24 hours 100 milligrams	-
	Skin - Mild irritant	-	24 hours 500 milligrams	-
	Skin - Moderate irritant	-	500 milligrams	-
Ethyl alcohol	Eyes - Mild irritant	-	24 hours 500 milligrams	-
	Eyes - Moderate irritant	-	0.066666667 minutes 100 milligrams	-
	Eyes - Moderate irritant	-	100 microliters	-
	Eyes - Severe irritant	-	500 milligrams	-

Conclusion/Summary : Not available.

Sensitizer

Conclusion/Summary : Not available.

Carcinogenicity

Conclusion/Summary : Not available.

Mutagenicity

Conclusion/Summary : Not available.

Teratogenicity

Conclusion/Summary : Not available.

Reproductive toxicity

Conclusion/Summary : Not available.

Chronic effects

: No known significant effects or critical hazards.

Carcinogenicity

: No known significant effects or critical hazards.

Mutagenicity

: No known significant effects or critical hazards.

Teratogenicity

: No known significant effects or critical hazards.

Developmental effects

: No known significant effects or critical hazards.

Fertility effects

: No known significant effects or critical hazards.

Over-exposure signs/symptoms

Inhalation : No specific data.

Ingestion : No specific data.

11. Toxicological information

Skin	: No specific data.
Eyes	: No specific data.
Target organs	: Contains material which may cause damage to the following organs: blood, the reproductive system, liver, upper respiratory tract, skin, eyes, central nervous system (CNS).

12. Ecological information

THE FOLLOWING DATA IN THIS SECTION IS SOURCED FROM PUBLICLY AVAILABLE DATABASES AND NOT THE REPRESENTATION OF ANY DATA COLLECTED BY ZOTOS INTERNATIONAL OR ITS AFFILIATES.

Ecotoxicity : No known significant effects or critical hazards.

Aquatic ecotoxicity

Product/ingredient name	Result	Species	Exposure
propane-1,2-diol	Acute EC50 >110 ppm Fresh water Acute LC50 1020000 µg/l Fresh water	Daphnia - Daphnia magna Crustaceans - Ceriodaphnia dubia	48 hours 48 hours
Ethyl alcohol	Acute LC50 710000 µg/l Fresh water Acute EC50 17.921 mg/l Marine water Acute EC50 2000 µg/l Fresh water Acute LC50 25500 µg/l Marine water	Fish - Pimephales promelas Algae - Ulva pertusa Daphnia - Daphnia magna Crustaceans - Artemia franciscana - Larvae	96 hours 96 hours 48 hours 48 hours
	Acute LC50 42000 µg/l Fresh water Chronic NOEC 4.995 mg/l Marine water Chronic NOEC 0.375 ul/L Fresh water	Fish - Oncorhynchus mykiss Algae - Ulva pertusa Fish - Gambusia holbrooki - Larvae	4 days 96 hours 12 weeks

Conclusion/Summary : Not available.

Other ecological information

Persistence/degradability

Conclusion/Summary : Not available.

Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
White mineral oil (petroleum)	>6	-	high
propane-1,2-diol	-1.07	-	low
White mineral oil (petroleum)	>6	-	high
Ethyl alcohol	-0.35	-	low

Other adverse effects : No known significant effects or critical hazards.

13. Disposal considerations

Methods of disposal : Dispose of according to all federal, state and local applicable regulations.

14. Transport information

Regulation	UN number	Proper shipping name	Classes	PG*	Label	Additional information
ADG	Not regulated.	-	-	-		-
ADR	Not regulated.	-	-	-		-
IMDG	Not regulated.	-	-	-		-
IATA	Not regulated.	-	-	-		-

PG* : Packing group

15. Regulatory information

[Standard Uniform Schedule of Medicine and Poisons](#)

Not regulated.

[Control of Scheduled Carcinogenic Substances](#)

Australia inventory (AICS) : All ingredients that are not contained in the AICS database are below registration thresholds.

16. Other information

Date of issue : 1/25/2018

Disclaimer

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.