Material Safety Data Sheet

Colorona® Sienna Fine Cosmetic Pigment

1 . Product and company identification

Product name : Colorona® Sienna Fine Cosmetic Pigment

Product code : 017386

Supplier : The Chemistry Store.Com Inc
11133 Walter Price St.
Cayce, SC 29033
800-224-1430

Material uses : Cosmetic Pigments

Validation date : 3/4/2013.

In case of emergency : Infotrac (USA): 800-535-5053
24 Hours/Day; 7 Days/Week

2 . Hazards identification

Emergency overview : MAY CAUSE RESPIRATORY TRACT, EYE AND SKIN IRRITATION.

Physical state : Solid. [Red, free flowing powder with no specific odor]

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Routes of entry : Eye contact. Inhalation.

Inhalation : May cause respiratory irritation.Symptoms include: coughing, wheezing or shortness of breath when inhaled.

Ingestion : Not an intended route of exposure.

Skin : May cause skin irritation.Symptoms include: itching and redness after contact.

Eyes : May cause eye irritation.Symptoms include: itching and redness after contact.

Medical conditions aggravated by over-exposure : Repeated or prolonged inhalation of any dust particulate may aggravate respiratory medical conditions.

See toxicological information (section 11)

3 . Composition/information on ingredients

Name	CAS number	% by weight
Mica (mineral)	12001-26-2	55 - 65
Iron Oxide	1309-37-1	35 - 45

4 . First aid measures

Eye contact : Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

Skin contact : In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention immediately.

Inhalation : Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

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4 . First aid measures

Ingestion : Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

5 . Fire-fighting measures

Flammability of the product : No specific fire or explosion hazard.

Extinguishing media : Use an extinguishing agent suitable for the surrounding fire.

Not suitable : None known.

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.

Hazardous thermal decomposition products : Decomposition products may include the following materials:
metal oxide/oxides

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6 . Accidental release measures

Personal precautions : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).

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

Spill : Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see section 1 for emergency contact information and section 13 for waste disposal.

7 . Handling and storage

Handling : Avoid generating and breathing dust. Use with adequate ventilation. Keep container closed. Wash thoroughly after handling.

Storage : Store in accordance with local regulations. Keep container tightly closed and sealed until ready for use.

8 . Exposure controls/personal protection

Ingredient	Exposure limits
Mica-group minerals	**OSHA PEL 1989 (United States, 3/1989).** TWA: 3 mg/m³ 8 hour(s). Form: Respirable dust **ACGIH TLV (United States, 3/2012).** TWA: 3 mg/m³ 8 hour(s). Form: Respirable fraction **ACGIH (United States, 1994).** TWA: 3 mg/m³ **NIOSH REL (United States, 6/2009).** TWA: 3 mg/m³ 10 hour(s). Form: Respirable fraction **OSHA PEL Z3 (United States, 9/2005).** TWA: 20 mppcf 8 hour(s). **OSHA (United States, 1989). Notes: Respirable** TWA: 3 mg/m³
diiron trioxide	**ACGIH TLV (United States, 1/2005).**

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8 . Exposure controls/personal protection

	TWA: 10 mg/m³ 8 hour(s). Form: All forms **NIOSH REL (United States, 6/2009).** TWA: 5 mg/m³, (as Fe) 10 hour(s). Form: Dust and fumes **ACGIH (United States, 1996).** TWA: 5 mg/m³ **ACGIH TLV (United States, 3/2012).** TWA: 5 mg/m³ 8 hour(s). Form: Respirable fraction **OSHA PEL 1989 (United States, 3/1989).** TWA: 5 mg/m³ 8 hour(s). Form: Respirable fraction TWA: 10 mg/m³ 8 hour(s). Form: Total dust STEL: 10 ppm, (as Fe) 15 minute(s). Form: Total particulates **OSHA PEL (United States, 6/2010).** TWA: 10 mg/m³ 8 hour(s). **OSHA (United States, 1989). Notes: Total** STEL: 10 ppm

Consult local authorities for acceptable exposure limits.

Engineering measures : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

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.

Personal protection

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.

Hands : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

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.

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.

9 . Physical and chemical properties

Physical state : Solid. [Red, free flowing powder with no specific odor]

Flash point : [Product does not sustain combustion.]

Color : Red

Odor : Odorless.

pH : 3 to 7 [Conc. (% w/w): 10%]

Boiling/condensation point : Not available.

Melting/freezing point : Not available.

Relative density : Not available.

Vapor pressure : Not available.

Vapor density : Not available.

Odor threshold : Not available.

Evaporation rate : Not available.

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9 . Physical and chemical properties

VOC : 0 % (w/w)

Solubility : Insoluble in the following materials: water

10 . Stability and reactivity

Chemical stability : The product is stable.

11 . Toxicological information

Acute toxicity

Product/ingredient name	Test	Route	Species	Result
Mica-group minerals	LD50	Oral	Rat	>16000 mg/kg

Carcinogenicity

Classification

Product/ingredient name	ACGIH	IARC	EPA	NIOSH	NTP	OSHA
diiron trioxide	A4	3	-	None.	-	-

No known significant effects or critical hazards.

Mutagenicity

No known significant effects or critical hazards.

Teratogenicity

No known significant effects or critical hazards.

12 . Ecological information

Environmental effects : No known significant effects or critical hazards.

13 . Disposal considerations

The information presented only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. Disposal should be in accordance with applicable regional, national and local laws and regulations.

14 . Transport information

As the material is not regulated, no transport information will be given.

15 . Regulatory information

United States

U.S. Federal regulations : **TSCA 8(a) IUR**: Not determined
United States inventory (TSCA 8b): All components of this product are listed on or compliant with the TSCA Inventory.

SARA 302/304/311/312 extremely hazardous substances: No products were found.
SARA 302/304 emergency planning and notification: No products were found.
SARA 302/304/311/312 hazardous chemicals: Mica-group minerals; diiron trioxide
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Mica-group minerals: Immediate (acute) health hazard; diiron trioxide: Delayed (chronic) health hazard

Connecticut Carcinogen Reporting : None of the components are listed.

Connecticut Hazardous Material Survey : None of the components are listed.

Florida substances : None of the components are listed.

Illinois Chemical Safety Act : None of the components are listed.

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15 . Regulatory information

Illinois Toxic Substances Disclosure to Employee Act : None of the components are listed.

Louisiana Spill : None of the components are listed.

Louisiana Reporting : None of the components are listed.

Massachusetts Spill : None of the components are listed.

Massachusetts Substances : The following components are listed: Mica-group minerals; diiron trioxide

Minnesota Hazardous Substances : None of the components are listed.

Michigan Critical Material : None of the components are listed.

New Jersey Toxic Catastrophe Prevention Act : None of the components are listed.

New Jersey Spill : None of the components are listed.

New Jersey Hazardous Substances : The following components are listed: Mica-group minerals; diiron trioxide

New York Toxic Chemical Release Reporting : None of the components are listed.

New York Acutely Hazardous Substances : None of the components are listed.

Pennsylvania RTK Hazardous Substances : The following components are listed: diiron trioxide

Rhode Island Hazardous Substances : None of the components are listed.

Canada

WHMIS (Canada) : Not controlled under WHMIS (Canada).

Canadian lists : **CEPA Toxic substances**: None of the components are listed.
Canadian ARET: None of the components are listed.
Canadian NPRI: None of the components are listed.
Alberta Designated Substances: None of the components are listed.
Ontario Designated Substances: None of the components are listed.
Quebec Designated Substances: None of the components are listed.

CEPA DSL / CEPA NDSL : All components of this product are listed on or compliant with the DSL.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

EU regulations

Risk phrases : This product is not classified according to EU legislation.

International regulations

International lists : **Australia inventory (AICS)**: All components are listed or exempted.
China inventory (IECSC): All components are listed or exempted.
Japan inventory: All components are listed or exempted.
Korea inventory: All components are listed or exempted.
Philippines inventory (PICCS): All components are listed or exempted.

16 . Other information

Hazardous Material Information System (U.S.A.) :

Health	1
Flammability	0
Physical hazards	0

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16 . Other information

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks Although HMIS® ratings are not required on MSDSs under 29 CFR 1910. 1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

National Fire Protection Association (U.S.A.) :

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