



SAFETY DATA SHEET

Revision Date 03/03/2015

Version 1.1

SECTION 1. Identification

Product identifier

Product name Amethyst Pigment

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

Identified uses
Cosmetic raw material

Details of the supplier of the safety data sheet

Company Young Nails Inc
1149 N Patt St
Anaheim, CA 92801

Emergency telephone 800-535-5053 INFOTRAC (USA)
+1-352-323-3500 INFOTRAC (International)

SECTION 2. Hazards identification

GHS-Labeling

Not a dangerous substance according to GHS.

Other hazards

None known.

SECTION 3. Composition/information on ingredients

Chemical nature Mica coated with:
titanium dioxide
ferric oxide
berlin blue

Hazardous ingredients

Chemical Name (Concentration)

CAS-No.

mica (muscovite) (>= 30 % - < 50 %)

12001-26-2

Exact percentages are being withheld as a trade secret.

Product name Amethyst Pigment

Diiron trioxide ($\geq 10\%$ - $< 30\%$)

1309-37-1

Exact percentages are being withheld as a trade secret.

titanium(IV) oxide ($\geq 10\%$ - $< 30\%$)

13463-67-7

Exact percentages are being withheld as a trade secret.

iron(3+) hexacyanoferrate(II) ($\geq 1\%$ - $< 5\%$)

14038-43-8

Exact percentages are being withheld as a trade secret.

SECTION 4. First aid measures

Description of first-aid measures

Inhalation

After inhalation: fresh air.

Skin contact

After skin contact: wash off with plenty of water. Remove contaminated clothing.

Eye contact

After eye contact: rinse out with plenty of water.

Ingestion

After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell.

Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

We have no description of any toxic symptoms.

Indication of any immediate medical attention and special treatment needed

No information available.

SECTION 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

For this substance/mixture no limitations of extinguishing agents are given.

Special hazards arising from the substance or mixture

Not combustible.

Ambient fire may liberate hazardous vapors.

Advice for firefighters

Special protective equipment for fire-fighters

In the event of fire, wear self-contained breathing apparatus.

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Product name Amethyst Pigment

Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert.

Advice for emergency responders: Protective equipment see section 8.

Environmental precautions

No special precautionary measures necessary.

Methods and materials for containment and cleaning up

Observe possible material restrictions (see sections 7 and 10).

Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

SECTION 7. Handling and storage

Precautions for safe handling

Observe label precautions.

Conditions for safe storage, including any incompatibilities

Tightly closed. Dry.

Storage temperature: no restrictions.

Product name Amethyst Pigment

SECTION 8. Exposure controls/personal protection**Exposure limit(s)***Ingredients*

Basis	Value	Threshold limits	Remarks
<i>General threshold limit value for dust</i>			
Z1A	Time Weighted Average (TWA):	5 mg/m ³	Form of exposure: Respirable fraction.
	Time Weighted Average (TWA):	15 mg/m ³	Form of exposure: Total dust.
	Time Weighted Average (TWA):	50millions of particles per cubic foot of air	Form of exposure: Total dust.
	Time Weighted Average (TWA):	15millions of particles per cubic foot of air	Form of exposure: Respirable fraction.
	Time Weighted Average (TWA):	15 mg/m ³	Form of exposure: Total dust.
	Time Weighted Average (TWA):	5 mg/m ³	Form of exposure: Respirable fraction.
OSHA_TRANS	PEL:	5 mg/m ³	Form of exposure: Respirable fraction.
	PEL:	15 mg/m ³	Form of exposure: Total dust.
ACGIH	Time Weighted Average (TWA):	10 mg/m ³	Form of exposure: Inhalable particles.
	Time Weighted Average (TWA):	3 mg/m ³	Form of exposure: Respirable particles.
<i>mica (muscovite) 12001-26-2</i>			
ACGIH	Time Weighted Average (TWA):	3 mg/m ³	Form of exposure: Respirable fraction.
NIOSH/GUIDE	Recommended exposure limit (REL):	3 mg/m ³	Form of exposure: Respirable.
Z1A	Time Weighted Average (TWA):	3 mg/m ³	Form of exposure: Respirable dust.
	Time Weighted Average (TWA):	20millions of particles per cubic foot of air	
<i>Diiron trioxide 1309-37-1</i>			
ACGIH	Time Weighted Average (TWA):	5 mg/m ³	Form of exposure: Respirable fraction.
NIOSH/GUIDE	Recommended exposure limit (REL):	5 mg/m ³	Form of exposure: Dust and fume. Expressed as: as Fe
OSHA_TRANS	PEL:	10 mg/m ³	Form of exposure: Fume.
Z1A	Time Weighted Average (TWA):	10 mg/m ³	Form of exposure: Fume.

titanium(IV) oxide 13463-67-7

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ACGIH	Time Weighted Average (TWA):	10 mg/m ³	
OSHA_TRANS	PEL:	15 mg/m ³	Form of exposure: Total dust.
Z1A	Time Weighted Average (TWA):	10 mg/m ³	Form of exposure: Total dust.
<i>iron(3+) hexacyanoferrate(II) 14038-43-8</i>			
NIOSH/GUIDE	Ceiling Limit Value and Time Period (if specified):	4.7 ppm 5 mg/m ³	Ceiling Limit Value 10-min Expressed as: as CN
OSHA_TRANS	PEL:	5 mg/m ³	Expressed as: as CN
	Skin designation:		Can be absorbed through the skin. Expressed as: as CN
Z1A	Time Weighted Average (TWA):	5 mg/m ³	Expressed as: as CN

Engineering measures

Technical measures and appropriate working operations should be given priority over the use of personal protective equipment.

Individual protection measures

Protective clothing should be selected specifically for the workplace, depending on concentration and quantity of the hazardous substances handled. The chemical resistance of the protective equipment should be inquired at the respective supplier.

Hygiene measures

Change contaminated clothing. Wash hands after working with substance.

Eye/face protection

Safety glasses

Hand protection

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.

Respiratory protection

required when dusts are generated.

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.

SECTION 9. Physical and chemical properties

Physical state	powder
Color	red brown
Odor	odorless
Odor Threshold	Not applicable

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pH	3.0 - 6.0 at 100 g/l 68 °F (20 °C) (slurry)
Melting point	No information available.
Boiling point	No information available.
Flash point	Not applicable
Evaporation rate	No information available.
Flammability (solid, gas)	The product is not flammable.
Lower explosion limit	No information available.
Upper explosion limit	No information available.
Vapor pressure	No information available.
Relative vapor density	No information available.
Density	3.1 - 3.3 g/cm ³ at 68 °F (20 °C)
Relative density	No information available.
Water solubility	at 68 °F (20 °C) practically insoluble
Partition coefficient: n-octanol/water	No information available.
Autoignition temperature	No information available.
Decomposition temperature	No information available.
Viscosity, dynamic	No information available.
Explosive properties	Not classified as explosive.
Oxidizing properties	none
Particle size	Particle size 10.0 - 60.0 µm Mean particle size 18.0 - 25.0 µm

Product name Amethyst Pigment

SECTION 10. Stability and reactivity**Reactivity**

See below

Chemical stability

The product is chemically stable under standard ambient conditions (room temperature) .

Possibility of hazardous reactions

no information available

Conditions to avoid

not known to date

Incompatible materials

no information available

Hazardous decomposition products

no information available

SECTION 11. Toxicological information**Information on toxicological effects***Likely route of exposure*

Inhalation, Eye contact, Skin contact, Ingestion

Target Organs

Respiratory system

Respiratory system

Eyes

Eyes

Skin

Skin

Specific target organ systemic toxicity - single exposure

The substance or mixture is not classified as specific target organ toxicant, single exposure.

Specific target organ systemic toxicity - repeated exposure

The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Aspiration hazard

Regarding the available data the classification criteria are not fulfilled.

Carcinogenicity

IARC

Group 2B: Possibly carcinogenic to humans

titanium(IV) oxide

13463-67-7

OSHA

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen

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ACGIH by NTP.
No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

Further information

The results of animal experiments using pigments of this type indicate no toxicologically relevant properties. Since the substance is poorly absorbed, no systemic effects are to be anticipated. Inhalation of the dusts should be avoided as even inert dusts may impair respiratory organ functions. The individual test results were as follows: skin tolerance (rabbit): no irritant effect; eye irritation test (rabbit): no irritant effect; LD₅₀ (oral, rat): not determinable; all animals still alive after 15,000 mg/kg. Subchronic toxicity (rat): no appreciable findings up to 50 000 ppm.

Ingredients

mica (muscovite)
No information available.

Diiron trioxide
Germ cell mutagenicity
Genotoxicity in vitro
Ames test
Result: negative
(Lit.)

titanium(IV) oxide
Acute oral toxicity
LD50 Rat: > 10,000 mg/kg (External MSDS)

Skin irritation
Rabbit
Result: No skin irritation
(IUCLID)

Eye irritation
Rabbit
Result: No eye irritation
(IUCLID)

iron(3+) hexacyanoferrate(II)
No information available.

SECTION 12. Ecological information**Ecotoxicity**

No information available.

Persistence and degradability

No information available.

Bioaccumulative potential

No information available.

Product name

Amethyst Pigment

Mobility in soil

No information available.

Ingredients*mica (muscovite)*

No information available.

Diiron trioxide

No information available.

*titanium(IV) oxide**Toxicity to fish*

LC0 Leuciscus idus (Golden orfe): > 1,000 mg/l(External MSDS)

Toxicity to bacteria

EC0 Pseudomonas fluorescens: > 5,000 mg/l(External MSDS)

*iron(3+) hexacyanoferrate(II)*No information available.

SECTION 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.

SECTION 14. Transport information**Land transport (DOT)**

Not classified as dangerous in the meaning of transport regulations.

Air transport (IATA)

Not classified as dangerous in the meaning of transport regulations.

Sea transport (IMDG)Not classified as dangerous in the meaning of transport regulations.

SECTION 15. Regulatory information**United States of America****SARA 313**

The following components are subject to reporting levels established by SARA Title III, Section 313:

Ingredients

iron(3+) hexacyanoferrate(II)

14038-43-8

3 %

Product name Amethyst Pigment

SARA 302

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

DEA List I

Not listed

DEA List II

Not listed

US State Regulations**Massachusetts Right To Know***Ingredients*

mica (muscovite)
Diiron trioxide
titanium(IV) oxide

Pennsylvania Right To Know*Ingredients*

mica (muscovite)
Diiron trioxide
titanium(IV) oxide
iron(3+) hexacyanoferrate(II)

New Jersey Right To Know*Ingredients*

mica (muscovite)
Diiron trioxide
titanium(IV) oxide
iron(3+) hexacyanoferrate(II)

California Prop 65 Components

WARNING: this product contains a chemical known in the State of California to cause cancer.

Ingredients

titanium(IV) oxide

Notification status

TSCA: All components of the product are listed in the TSCA-inventory.
DSL: All components of this product are on the Canadian DSL.
KOREA: Not in compliance with the inventory

SECTION 16. Other information

Product name

Amethyst Pigment

Training advice

Provide adequate information, instruction and training for operators.

Labeling*Precautionary Statements*

Prevention

P260 Do not breathe dust.

Key or legend to abbreviations and acronyms used in the safety data sheet

Used abbreviations and acronyms can be looked up at www.wikipedia.org.

Revision Date 03/03/2015

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to appropriate safety precautions. It does not represent a warranty of any product properties and we assume no liability for any loss or injury which may result from the use of this information. Users should conduct their own investigations to determine the suitability of the information.

END OF SAFETY DATA SHEET