

Material Safety Data Sheet

1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

The Beau Institute
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Product Code: Naked #509

Use Description

Pigment dispersions are unique, highly colored products incorporating high pigment loading with low levels of surfactant.

2. COMPOSITION/INFORMATION ON INGREDIENTS

This product is primarily composed of organic and inorganic pigments and water, and is not considered to be a hazardous substance as defined under OSHA's Hazard Communication Standard (29 CFR 1910A 200). It is not classified according to relevant EEC Directives.

INGREDIENT	CAS RN
Pigment Tan 1867	1309-37-1
Pigment Red 22	6448-95-9
Red 48:1	7585-41-3
Pigment Red J-3106	1309-37-1
Pigment Yellow	51274-00-1
Titanium Dioxide R 900	98084-96-9
Distilled Water	7789-20-0
Isopropyl Alcohol	67-63-0
Glycerin	56-81-5

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

CAUTION!

Do not allow large amounts to enter sewers, lakes, streams, or other natural waterways. This product contains a surfactant which can cause foaming and may be toxic to aquatic life.

POTENTIAL HEALTH EFFECTS

This dispersion is not expected to pose a significant health hazard under normal conditions of use and industrial hygiene practices.

4. FIRST AID MEASURES

EYE CONTACT

Flush eyes thoroughly with large amounts of water for at least fifteen minutes. Get medical attention.

SKIN CONTACT

Wash skin with soap and water. Remove severely contaminated clothing and clean before reuse. Seek medical attention in the unlikely event that irritation occurs.

INHALATION

Remove to fresh air. Get medical attention if breathing is difficult.

INGESTION

Do not give anything by mouth to an unconscious person. Do not induce vomiting. Get immediate medical attention.

5. FIRE FIGHTING MEASURES

Nonflammable aqueous pigment dispersion.

Extinguishing Media

Carbon dioxide, dry chemical or foam recommended. Apply water spray to keep exposed containers cool.

Special Fire-Fighting Procedures

Self-contained breathing apparatus (SCEA) and full protective equipment recommended.

Unusual Fire and Explosion Hazards

Fire or excessive heat may produce hazardous decomposition products.

General Hazard

In the unlikely event that all of the water is evaporated, improper handling of any dry organic pigment product may lead to dust cloud formation which can be an explosion hazard.

FLAMMABILITY DATA.

Flash Point:

Flammability Limits: Auto ignition
Temperature:

Non-flammable material

Not applicable Not applicable

NFPA RATINGS

Health: 1
Flammability: 1
Reactivity: 0

HMS RATINGS

Health: 1
Flammability: 1
Reactivity: 0

6. ACCIDENTAL RELEASE MEASURES

Small Spill

Contain spill immediately. Inert materials such as dry sand or sawdust may be used to help absorb any spilled material. Scoop or shovel into appropriate waste containers for disposal purposes. Soap and water may be used as necessary.

Large Spill

Contain spilled material immediately. Use an inert material such as dry sand, sawdust, or earth to help absorb large spills. Scoop or shovel waste material into drums. Prevent runoff from entering into storm sewers, lakes, streams, or other natural waterways. Large spills may be toxic to aquatic life, and can cause foaming and operational problems at wastewater treatment facilities. Appropriate protective clothing should be worn to prevent employee exposure.

7. HANDLING AND STORAGE

Handling

Avoid employee exposure through the use of appropriate engineering controls, adequate personal protective equipment, and good industrial hygiene practices. Wash thoroughly after handling. Handle in well ventilated work space.

Storage

Store in a moderately cool, dry, well-ventilated area away from direct sources of heat. Avoid freezing (32°F). Empty containers may contain product residues and should be handled accordingly. Position containers so that any labeling information is visible. Keep containers closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

The use of local exhaust ventilation is recommended to control emissions near the source. Additional engineering controls should be used as necessary.

Personal Protection

Safety glasses with side shields, or goggles, are recommended. Impervious clothing should be worn when gross contact is likely, such as when cleaning up large spills. Respiratory protection is generally not required. Wash at the end of each work shift. Any contaminated clothing should be removed and laundered.

Exposure Limits

There are no ACGIH TLV's or OSHA PEL's established for this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: opaque liquid

SPECIFIC GRAVITY: 1.1-1.4

SOLUBILITY IN WATER: Dispersible

BOILING POINT: 65-100°C

VOLATILE ORGANIC COMPOUNDS (VOC's): Negligible (< 0.5%)

pH INFORMATION: 7.0-9.0

ODOR: Slight odor

10. STABILITY AND REACTIVITY

GENERAL:

This product is a stable compound and hazardous polymerization will not occur. Since it contains water, do not allow it to freeze.

INCOMPATIBILITY:

Avoid strong oxidizing agents such as peroxides, chlorates, per chlorates, nitrates, and permanganates. Oxidizing materials may vigorously evolve oxygen in large amounts.

HAZARDOUS DECOMPOSITION PRODUCTS:

When involved in a fire, burning organic pigment products may evolve noxious gases which are toxic. These compounds may include carbon monoxide, carbon dioxide, nitrous oxides, or hydrogen chloride, depending on the pigment type used in the dispersion. All of the water must be driven off first in order for this to occur.

11. TOXICOLOGICAL INFORMATION

GENERAL

Based upon industry-wide experience over many years of manufacturing, aqueous dispersion products in general are considered to have a low level of toxicity. There are no established TLV's or PEL's for this product.

ACUTE (SHORT-TERM) TOXICITY

No known published data is available for the aqueous dispersion. The pigment portion of this product has a reported acute oral LD₅₀ value of 5 gm/kg or greater in rats.

CHRONIC (LONG-TERM) TOXICITY

No known published data is available for this product.

MUTAGENICITY

No known published data is available for this product.

ROUTES OF POTENTIAL EXPOSURE

Ingestion

Inhalation

Skin/Eye Contact

12. ECOLOGICAL INFORMATION

This product has not been evaluated for its eco-toxicity. However, based upon degradation studies of similarly formulated aqueous dispersions, it can be concluded that the ingredients are almost completely degraded, except for the pigment. The biodegradation of colorants under aerobic conditions is expected to be limited and there is no evidence to suggest they create any significant ecological problems when released into the environment. Since pigments are generally insoluble compounds, they are believed to have minimal bioaccumulation and bioavailability characteristics.

Analogous dispersions tested as follows:

	Rainbow trout LC ₅₀ (24 hrs.):	720 mg/l
	LC ₅₀ (96 hrs.):	420 mg/l
Wastewater bacteria EC ₅₀ (3 hrs.):		>10,000 mg/l
Only slightly dangerous to fish, invertebrates, and algae.		(WOK 1)

13. DISPOSAL CONSIDERATIONS General

This product must be disposed of in accordance with all applicable federal, state and local regulations.

Waste Management

Incineration or land filling are recommended disposal techniques. Contact your state or local environmental agency for specific rules.

This product is not identified as a RCRA hazardous waste under 40 CFR 261, and is not regulated under CERCLA (Superfund),

14. TRANSPORT INFORMATION

D.O.T. SHIPPING NAME (49 CFR 172.101-102)	• Not regulated
D.O.T. HAZARD CLASS (49 CHR 172.101-102)	• None
D.O.T. LABEL	• None
D.O.T. PLACARD	• None
BILL OF LADING DESCRIPTION	• Pigments NOI Liquid
CERCLA SUBSTANCE (49 CFR)	• Not regulated
REPORTABLE QUANTITY (RQ)	• None
INTERNATIONAL UN/NA NUMBER	• Not regulated or classified
IMDG/IACO CLASSIFICATION	• Not regulated or classified
LATA CLASSIFICATION	• Not regulated or classified

15. REGULATORY INFORMATION

OSHA Hazard Communication Standard Status

This product is not considered to be a hazardous substance under OSHA's Federal Hazard Communication Standard 29 CFR. 1910.1200.

Toxic Substances Control Act (TSCA) Status

All of the ingredients of this material have been reported to the U.S. EPA and are included in the TSCA chemical inventory.

CERCLA Reportable Quantity (RQ)

NONE (Not regulated)

SARA Title III Classifications Sections 302/311/312

(EHS) Section None

(Acute) Section None

RCRA Not regulated as a hazardous waste under RCRA.

Canadian WHMIS

This material is not considered to be a controlled product under WHMIS.

CONEG Status

This product is certified to be in full compliance with CONEG Model Legislation for packaging pigment components.

16. OTHER INFORMATION

For more information contact Product Safety at

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