

Balance Color Gels

NSI-128


Xi : Irritant

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Trade name : Balance Color Gels
Identification of the product : Viscous liquid.
Use : For professional use only.
Company identification : NAIL SYSTEMS INTERNATIONAL
 2 Union Hill Road
 W. Conshohocken, PA 19428 UNITED STATES
 Tel. (610) 825-1524
Emergency phone nr : Infotrac (800) 535-5053 - Outside USA (352) 323-3500

2 HAZARDS IDENTIFICATION

Risk Phrases : Irritating to respiratory system.
 May cause sensitization by skin contact.
Environmental hazard : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Primary route of exposure : Inhalation.
Symptoms relating to use
 - **Inhalation** : May cause irritation to the respiratory tract and to other mucous membranes. Inhalation unlikely. Breathing difficulties. Chest pain. Cough.
 - **Skin contact** : Repeated or prolonged skin contact may cause irritation.
 - **Eye contact** : Redness, pain.
 - **Ingestion** : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Preparation	Contents	CAS No	EC No	Annex No	Classification
Substance name	Preparation.				
Di-HEMA Trimethylhexyl Dicarboxylate*	> 70 < 80	EXEMPT	N/E	-----	Xi; R36/37/38 R43
Glycol HEMA-Methacrylate	> 15 < 25 %	97-90-5	202-617-2	607-114-00-5	Xi; R37 R43
HYDROXYCYCLOHEXYL PHENYL KETONE	> 1 < 5 %	947-19-3	213-426-9	-----	
BENZOPHENONE	> 1 < 5 %	119-61-9	204-337-6	-----	N; R51-53
May Contain:		-----	-----	-----	
CI 77891 / Titanium Dioxide	< 1 %	13463-67-7	236-675-5	-----	
Methoxyisopropyl Acetate	< 1 %	108-65-6	203-603-9	607-195-00-7	R10 Xi; R36
Pigment Violet 19 / CI73900	< 1 %	1047-16-1	213-879-2	-----	
Pigment Violet 23 / CI 51319	< 1 %	6358-30-1	228-767-9	-----	
	< 1 %	147-14-8	205-685-1	-----	



SAFETY DATA SHEET

Page : 2

Revised edition no : 3

Date : 10 / 13 / 2008

Supersedes : 4 / 28 / 2008

Balance Color Gels

NSI-128

3 COMPOSITION/INFORMATION ON INGREDIENTS (continued)

Pigment Blue 15 / CI 74160					
Carbon Black / CI77266	:	< 1 %	1333-86-4	215-609-9	----
Pigment Yellow 147 / CI56298	:	< 1 %	36888-99-0	253-256-2	----
CI 77492 / Yellow Iron Oxide	:	< 1 %	51274-00-1	257-098-5	----
Raw Umber-Synthetic Red Oxide / CI 77491	:	< 1 %	1309-37-1	215-168-2	----
Burnt Umber Iron Oxides / CI77489	:	< 1 %	1309-38-2	215-169-8	----
CI 77491 / Red Iron Oxide	:	< 1 %	20344-49-4	215-570-8	----
CI 15850 / Red 7	:	< 1 %	5281-04-9	226-109-5	----
Pigment Red 170 / CI12475	:	< 1 %	2786-76-7	220-509-3	----
Green 7 / CI 74260	:	< 1 %	1328-53-6	215-524-7	----
Orange 4 / CI15510	:	< 1 %	633-96-5	211-199-0	----
CI 60725 / Violet 2	:	< 1 %	81-48-1	201-353-5	----
Mica	:	< 1 %	12001-26-2	----	----
CI77742 / Manganese Violet	:	< 1 %	10101-66-3	233-257-4	----
CI42090 / Blue 1	:	< 1 %	3844-45-9	----	----
CI 19140 / Yellow 5	:	< 1 %	1934-21-0	----	----
CI 77491 / Red Iron Oxide	:	< 1 %	1332-37-2	215-168-2	----
CI 15880 / Red 34	:	< 1 %	6417-83-0	----	----
CI 15850 / Red 7	:	< 1 %	5858-81-1	227-497-9	----
CI 77510 / Ferric Ammonium Ferrocyanide	:	< 1 %	25869-00-5	247-304-1	----
CI 47005 / E104 / Yellow 10	:	< 1 %	8004-92-0	----	----
CI 77007 / Ultramarines	:	< 1 %	57455-37-5	----	----

* NSI gels are composed of a mixture of Urethane Acrylate Oligomers. The DiHEMA Trimethylhexyl Carbomate is the INCI designation for Urethane Dimethacrylate, which is the substantial equivalent of this mixture.

4 FIRST AID MEASURES

First aid measures

- Inhalation : Assure fresh air breathing. If you feel unwell, seek medical advice.
- Skin contact : Wash skin with mild soap and water.
- Eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
- Ingestion : Rinse mouth.
Seek medical attention if ill effect develops.

5 FIRE-FIGHTING MEASURES

- Flammable class : The product is not flammable.
- Surrounding fires : Use water spray or fog for cooling exposed containers.
- Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.
- Special procedures : Avoid (reject) fire-fighting water to enter environment. Exercise caution when fighting any chemical fire.

NAIL SYSTEMS INTERNATIONAL**In case of emergency : Infotrac (800) 535-5053 - Outside USA (352) 323-3500**

2 Union Hill Road W. Conshohocken, PA 19428 UNITED STATES

Tel. (610) 825-1524

Balance Color Gels

NSI-128

6 ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Equip cleanup crew with proper protection.
- General precautions** : Spill area may be slippery.
- Environmental precautions** : Prevent entry to sewers and public waters. May contaminate water supplies. Notify authorities if product enters sewers or public waters.
- Clean up methods** : Clean up any spills as soon as possible, using an absorbent material to collect it. Use appropriate container to avoid environmental contamination.

7 HANDLING AND STORAGE

- General** : Avoid all unnecessary exposure.
- Storage** : Store in dry, cool, well-ventilated area. Keep container closed when not in use.
- Handling** : Handle in accordance with good industrial hygiene and safety procedures. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- Personal protection**
- **Respiratory protection** : Not required.
In case of insufficient ventilation, wear suitable respiratory equipment.
 - **Hand protection** : In case of repeated or prolonged contact wear gloves.
 - **Skin protection** : Not required.
 - **Eye protection** : Goggles.
 - **Ingestion** : When using, do not eat, drink or smoke.
- Industrial hygiene** : Provide local exhaust or general room ventilation.

9 PHYSICAL AND CHEMICAL PROPERTIES

- Physical state at 20 °C** : Viscous liquid.
- Colour** : Various
- Odour** : Resin / Characteristic.
- Vapour pressure mm/Hg** : @ 20 deg C < 0.01
- Solubility in water** : Insoluble.
- Flash point [°C]** : Setflash 100
- Other data** : Specific Gravity (H₂O=1) 1.15
% Volatile - by volume < 0.5

10 STABILITY AND REACTIVITY

- Stability and reactivity** : Stable under normal conditions.
- Hazardous decomposition products** : Carbon monoxide.
Carbon dioxide.
- Hazardous polymerization** : May Occur. Uncontrolled polymerization may cause rapid evolution of heat and increased pressure that could result in violent rupture of leased storage vessel or containers.
- Materials to avoid** : Copper, copper alloys, carbon steel, iron and rust
Strong bases.



SAFETY DATA SHEET

Page : 4

Revised edition no : 3

Date : 10 / 13 / 2008

Supersedes : 4 / 28 / 2008

Balance Color Gels

NSI-128

10 STABILITY AND REACTIVITY (continued)

Conditions to avoid : Peroxides and other polymerization initiators.
Strong oxidizers.
: Heat. Storage > 100 deg F, exposure to light, loss of dissolved air, loss of polymerization inhibitor, contamination with incompatible materials.

11 TOXICOLOGICAL INFORMATION

Toxicity information : Irritating to respiratory system.
Rat oral LD50 [mg/kg] : No data available.
Rabbit dermal LD50 [mg/kg] : No data available.
Rat inhalation LC50 [mg/l/4h] : No data available.

12 ECOLOGICAL INFORMATION

Ecological effects information : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
LC50-96 Hour - fish [mg/l] : No data available.
48 Hour-EC50 - Daphnia magna [mg/l] : No data available.
IC50 72h Algae [mg/l] : No data available.

13 DISPOSAL CONSIDERATIONS

General : Avoid release to the environment. Dispose of this material and its container at hazardous or special waste collection point.
Dispose in a safe manner in accordance with local/national regulations.

14 TRANSPORT INFORMATION

General information : Not classified.

15 REGULATORY INFORMATION

Symbol(s) : Xi : Irritant
R Phrase(s) : R37 : Irritating to respiratory system.
R43 : May cause sensitization by skin contact.
R52/53 : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S Phrase(s) : S36/37 : Wear suitable protective clothing and gloves.
S51 : Use only in well-ventilated areas.
S61 : Avoid release to the environment. Refer to special instructions/Safety data sheets.

The contents and format of this SDS are in accordance with REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

For EU Regulatory Inquiries please contact:
FSE International NV/SA
9 Rue du Moniteur-B-1000
Brussels, Belgium



SAFETY DATA SHEET

Page : 5

Revised edition no : 3

Date : 10 / 13 / 2008

Supersedes : 4 / 28 / 2008

Balance Color Gels

NSI-128

011 322 277 07 70

DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

End of document