

## Balance 3D Color Gels

**NSI-195**


Xi : Irritant

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

**Trade name** : Balance 3D 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*	> 75 < 90	EXEMPT	N/E	-----	Xi; R36/37/38 R43
Glycerol Propoxylate Triacrylate	> 3 < 5	52408-84-1	500-114-5	-----	Xi; R36/37/38
Benzoyl Isopropanol	> 1 < 5	7473-98-5	231-272-0	-----	
Triethyleneglycol Dimethacrylate	> 1 < 3	109-16-0	203-652-6	-----	
Triethyleneglycol Divinyl Ether	> 1 < 3	765-12-8	-----	-----	
Silica	> 1 < 5	112945-52-5	231-545-4	-----	
May Contain:		-----	-----	-----	
CI 77891 / Titanium Dioxide	< 1 %	13463-67-7	236-675-5	-----	
Burnt Umber Iron Oxides / CI77489	< 1 %	1309-38-2	215-169-8	-----	
CI 15850 / Red 7	< 1 %	5281-04-9	226-109-5	-----	
CI 60725 / Violet 2	< 1 %	81-48-1	201-353-5	-----	
	< 1 %	3844-45-9	-----	-----	

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### 3 COMPOSITION/INFORMATION ON INGREDIENTS (continued)

CI42090 / Blue 1					
CI 19140 / Yellow 5	:	< 1 %	1934-21-0	-----	-----
CI 15850 / Red 6	:	< 1 %	5858-81-1	227-497-9	-----
CI 47005 / E104 / Yellow 10	:	< 1 %	8004-92-0	-----	-----
CI 61565	:	< 1	-----	-----	-----
CI 77499 / Black Iron Oxide	:	< 1	1317-61-9	215-277-5	-----
CI 15985 / Yellow 6	:	< 1	2783-94-0	220-491-7	-----
Orange 4 / CI15510	:	< 1	633-96-5	211-199-0	-----

\* NSI gels are composed of a mixture of Urethane Acrylate Oligomers. The DiHEMA Trimethylhexyl Carbamate 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.

### 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.

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### 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 (H<sub>2</sub>O=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 : Strong oxidizers.  
Strong bases.  
Copper, copper alloys, carbon steel, iron and rust  
Peroxides and other polymerization initiators.
- Conditions to avoid : 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.



# SAFETY DATA SHEET

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### 12 ECOLOGICAL INFORMATION (continued)

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

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