

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Product name : Polish Pro Colors  
Product code : CPNP - 1811252  
Type of product : Coating  
Product group : Blend

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Main use category : Professional use  
Industrial/Professional use spec : For professional use only  
Use of the substance/mixture : Coating  
Function or use category : Coating

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

NAIL SYSTEMS INTERNATIONAL  
2 Union Hill Road  
19428 W. Conshohocken, PA - UNITED STATES  
T 877-354-8130 or 610-825-1524 - F 610-825-2738  
[www.nsinails.com](http://www.nsinails.com)

#### 1.4. Emergency telephone number

Emergency number : Infotrac (800) 535-5053 - Outside USA +1 352 323 3500

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flam. Liq. 3 H226  
Skin Irrit. 2 H315  
Skin Sens. 1 H317  
Repr. 2 H361f

Full text of H-phrases: see section 16

#### 2.2. Label elements

##### Labeling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



Signal word (CLP) : Warning

Hazardous ingredients : HEMA

Hazard statements (CLP) : H226 - Flammable liquid and vapor  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H361f - Suspected of damaging fertility

Precautionary statements (CLP) : P201 - Obtain special instructions before use  
P202 - Do not handle until all safety precautions have been read and understood  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking  
P233 - Keep container tightly closed  
P240 - Ground/bond container and receiving equipment  
P241 - Use explosion-proof electrical/ventilating/lighting/... equipment

# Polish Pro Colors

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

### 2.3. Other hazards

Adverse physicochemical, human health and environmental effects : Flammable liquid and vapor. Suspected of damaging fertility or the unborn child. Causes skin irritation. May cause an allergic skin reaction.

## SECTION 3: Composition/Information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

Comments : \* NSI Gels are composed of a mixture of Urethane Acrylate Oligomers. The Di-HEMA Trimethylhexyl Carbamate is the INCI designation for Urethane Dimethacrylate, which is the substantial equivalent of this mixture.

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Di-HEMA Trimethylhexyl Dicarbamate*	(CAS No) EXEMPT (EC no) N/E	50 - 60	Not classified
HEMA	(CAS No) 868-77-9 (EC no) 212-782-2 (EC index no) 607-124-00-X	15 - 20	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Hydroxypropyl Methacrylate	(CAS No) 27813-02-1 (EC no) 248-666-3	15 - 20	Not classified
n-Butyl acetate	(CAS No) 123-86-4 (EC no) 204-658-1 (EC index no) 607-025-00-1	1 - 5	Flam. Liq. 3, H226 STOT SE 3, H336
TRIMETHYLBENZOYL DIPHENYLPHOSPHINE OXIDE	(CAS No) 75980-60-8 (EC no) 278-355-8 (EC index no) 015-203-00-X	1 - 3	Repr. 2, H361f
Cellulose Acetate Propionate	(CAS No) 9004-39-1	1 - 3	Not classified
MEK	(CAS No) 78-93-3 (EC no) 201-159-0 (EC index no) 606-002-00-3	<= 2	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
Isopropyl Alcohol	(CAS No) 67-63-0 (EC no) 200-661-7 (EC index no) 603-117-00-0	<= 2	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
POLYSILICONE-13	(CAS No) 158451-77-5	<= 1	Not classified
Hydroxycyclohexyl phenyl ketone	(CAS No) 947-19-3 (EC no) 213-426-9	<= 1	Not classified
May Contain:			
CI 77891 (Titanium dioxide)	(CAS No) 13463-67-7 (EC no) 236-675-5	<= 1	Not classified
CI 15850 (Red 7)	(CAS No) 5281-04-9 (EC no) 226-109-5	<= 1	Not classified
CI 77266 (Carbon Black)	(CAS No) 1333-86-4 (EC no) 215-609-9	<= 1	Not classified
CI 15850 (Red 6)	(CAS No) 5858-81-1 (EC no) 227-497-9	<= 1	Not classified
CI 19140 / Yellow 5	(CAS No) 1934-21-0	<= 1	Not classified
CI 45410 (Red 27)	(CAS No) 13473-26-2 (EC no) 236-747-6	<= 1	Not classified
CI 47005 (Yellow 10)	(CAS No) 8004-92-0	<= 1	Not classified
CI 77007 (Ultramarine Blue)	(CAS No) 57455-37-5 (EC no) N/E	<= 1	Not classified
CI 77491 (Red Iron Oxide)	(CAS No) 1332-37-2 (EC no) 215-168-2	<= 1	Not classified
CI 77492 (Iron Oxides)	(CAS No) 51274-00-1 (EC no) 257-098-5	<= 1	Not classified
CI42090 / Blue 1	(CAS No) 3844-45-9	<= 1	Not classified
Copolymer or Aluminum Copolymer		<= 1	Not classified
Mica	(CAS No) 12001-26-2	<= 1	Not classified
CI 15880 (Red 34)	(CAS No) 6417-83-0	<= 1	Not classified
CI 60725 (Violet 2)	(CAS No) 81-48-1 (EC no) 201-353-5	<= 0.5	Not classified

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : IF exposed or concerned: Get medical advice/attention.

# Polish Pro Colors

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Medical advice must be obtained and all rescuers must be equipped with personal protective equipment. In all cases of doubt, or when symptoms persist, seek medical attention. Loosen tight clothing such as a collar, tie, belt or waistband. The affected person must rest and be kept under medical observation.
First-aid measures after skin contact	: Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse eyes with water as a precaution. In case of contact, immediately flush eye with plenty of water for at least 15 minutes. Obtain medical attention.
First-aid measures after ingestion	: Call a poison center/doctor/physician if you feel unwell. Rinse mouth with water, do not induce vomiting, call a doctor. Give water to drink if victim completely conscious/alert.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation	: May be harmful if inhaled. Suspected of damaging fertility.
Symptoms/injuries after skin contact	: Irritation. May cause an allergic skin reaction. Suspected of damaging fertility.
Symptoms/injuries after eye contact	: Causes serious eye irritation.
Symptoms/injuries after ingestion	: Suspected of damaging fertility.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use water jet.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard	: Flammable liquid and vapor. and on exposure to temperature rise: pressure rise and possible bursting of container. Runoff may create fire or explosion hazard.
Hazardous decomposition products in case of fire	: Toxic fumes may be released. Carbon dioxide. Metal oxides. When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, nitrogen oxides (NOx), NH <sub>3</sub> , sulphur compounds.

### 5.3. Advice for firefighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
--------------------------------	--

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Protective equipment	: Wear personal protective equipment.
Emergency procedures	: Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

#### 6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
----------------------	---

### 6.2. Environmental precautions

Avoid release to the environment. Advise local authorities if considered necessary. Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
Other information	: Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling	: Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.
-------------------------------	---

# Polish Pro Colors

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Ground/bond container and receiving equipment.  
Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.  
Storage temperature : 0 - 38 °C  
Storage area : Store according to local legislation. Keep only in the original container in a cool, well ventilated place away from : Keep away from heat and direct sunlight. Store separately from oxidizing agents and strongly alkaline and strongly acidic materials. Keep container tightly closed. Shield UV light sources.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

Appropriate engineering controls : Ensure good ventilation of the work station.  
Hand protection : Protective gloves  
Eye protection : Safety glasses  
Skin and body protection : Wear suitable protective clothing  
Respiratory protection : Wear respiratory protection  
Environmental exposure controls : Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Liquid  
Appearance : Viscous. Liquid.  
Color : No data available  
Odor : No data available  
Odor threshold : No data available  
pH : No data available  
Relative evaporation rate (butyl acetate=1) : No data available  
Melting point : Not applicable  
Freezing point : No data available  
Boiling point : No data available  
Flash point : 37.8 - 61 °C Closed Cup  
Auto-ignition temperature : No data available  
Decomposition temperature : No data available  
Flammability (solid, gas) : Not applicable  
Vapor pressure : < 0.0013 mm Hg room temperature  
Relative vapor density at 20 °C : No data available  
Relative density : 1.1 - 1.14  
Solubility : insoluble in water.  
Log Pow : No data available  
Viscosity, kinematic : No data available  
Viscosity, dynamic : 1500 - 6000 mPa.s room temperature  
Explosive properties : No data available  
Oxidizing properties : No data available  
Explosion limits : No data available

### 9.2. Other information

No additional information available

# Polish Pro Colors

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Flammable liquid and vapor.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

Hazardous polymerization may occur if exposed to high temperature. Can polymerize exothermically if heated, exposed to air, sunlight or by addition of free radical initiators.

#### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

#### 10.5. Incompatible materials

oxidizing materials.

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified

Polish Pro Colors	
LD50 oral rat	>

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Not classified

Respiratory or skin sensitization : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Suspected of damaging fertility.

Specific target organ toxicity (single exposure) : Not classified (Narcotic effect)

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : May be harmful to aquatic organisms, to flora, to soil organisms.

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

Polish Pro Colors	
Bioaccumulative potential	Low.

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

No additional information available

#### 12.6. Other adverse effects

Other adverse effects : No other effects known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Sewage disposal recommendations : Do not dispose of waste into sewer.

Waste disposal recommendations : Avoid release to the environment. Comply with local regulations for disposal. Dispose in a safe manner in accordance with local/national regulations. Dispose of at authorized waste collection point.

# Polish Pro Colors

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

Additional information : Flammable vapors may accumulate in the container.  
Ecology - waste materials : Avoid release to the environment.

### SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

#### 14.1. UN number

UN-No. (ADR) : 1993  
UN-No. (IATA) : 1993

#### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : FLAMMABLE LIQUID, N.O.S.  
Proper Shipping Name (IATA) : Flammable liquid, n.o.s.  
Transport document description (ADR) : UN 1993 FLAMMABLE LIQUID, N.O.S., 3, III, (D/E)

#### 14.3. Transport hazard class(es)

##### ADR

Transport hazard class(es) (ADR) : 3  
Hazard labels (ADR) : 3



##### IATA

Transport hazard class(es) (IATA) : 3  
Hazard labels (IATA) : 3



#### 14.4. Packing group

Packing group (ADR) : III  
Packing group (IATA) : III

#### 14.5. Environmental hazards

Dangerous for the environment : No  
Other information : No supplementary information available

#### 14.6. Special precautions for user

##### - Overland transport

Classification code (ADR) : F1  
Special provision (ADR) : 274, 601, 640E  
Limited quantities (ADR) : 5I  
Excepted quantities (ADR) : E1  
Packing instructions (ADR) : P001, IBC03, LP01, R001  
Mixed packing provisions (ADR) : MP19  
Portable tank and bulk container instructions (ADR) : T4  
Portable tank and bulk container special provisions (ADR) : TP1, TP29  
Tank code (ADR) : LGBF  
Vehicle for tank carriage : FL  
Transport category (ADR) : 3  
Special provisions for carriage - Packages (ADR) : V12

# Polish Pro Colors

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

Special provisions for carriage - Operation (ADR) : S2  
Hazard identification number (Kemler No.) : 30  
Orange plates :



Tunnel restriction code (ADR) : D/E

### - Air transport

PCA Excepted quantities (IATA) : E1  
PCA Limited quantities (IATA) : Y344  
PCA limited quantity max net quantity (IATA) : 10L  
PCA packing instructions (IATA) : 355  
PCA max net quantity (IATA) : 60L  
CAO packing instructions (IATA) : 366  
CAO max net quantity (IATA) : 220L  
Special provision (IATA) : A3  
ERG code (IATA) : 3L

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions  
Contains no REACH candidate substance  
Contains no REACH Annex XIV substances.

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Full text of H- and EUH-phrases:

Eye Irrit. 2	Serious eye damage/eye irritation Category 2
Flam. Liq. 2	Flammable liquids Category 2
Flam. Liq. 3	Flammable liquids Category 3
Repr. 2	Reproductive toxicity Category 2
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization Category 1
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H225	Highly flammable liquid and vapor
H226	Flammable liquid and vapor
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
H361f	Suspected of damaging fertility

SDS EU (REACH Annex II)

# Polish Pro Colors

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

---

*For EU Regulatory Inquiries, please contact:*

Biorius  
Rue de la Croÿere 10A  
BE-7170 MANAGE  
Tel: 32 2 888 40 10

*Disclaimer: 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.*