

## Section 1: Identification of the preparation and of the company

### 1.1. Identification of the substance or preparation

Product name  
Product code

PEAK PolyPops Color Powders  
pplpxx

### 1.2. Use of substance/preparation

The mixture of functional monomers.

### 1.3. Company/ undertaking identification

Manufacturer:

Neppers Nails Aps  
Hedebakken 71  
8800 Viborg, Danmark  
+45 4198 4176  
www.neppersnails.dk  
[nails@neppers.dk](mailto:nails@neppers.dk)

### 1.4. Emergency telephone

112 (emergency number)

## Section 2: Hazards Identification

### 2.1. Classification of the substances or composition

**Classification according to CHIP:**

R36/37/38 Irritating to eyes, respiratory system and skin.

**Classification according to WE/1272/2008 (CLP):**

Skin Irrit. 2	H315	Causes skin irritation.
Eye Irrit. 2	H319	Causes serious eye irritation.
STOT SE 3	H335	May cause respiratory irritation.

### 2.2. Labelling

**Code letter and symbols of danger**



Xi Irritant

**Risk phases:**

R36/37/38 Irritating to eyes, respiratory system and skin.

**S-Phrases**

S22 Do not breath dust

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S24/25 Avoid contact with skin and eyes  
S38 In case of insufficient ventilation, wear suitable respiratory equipment

**GHS/CLP Classification**



**Hazard statements:**

Skin Irrit. 2 H315 Causes skin irritation.  
Eye Irrit. 2 H319 Causes serious eye irritation.  
STOT SE 3 H335 May cause respiratory irritation.

**Precautionary statements:**

P260 Do not breathe dust.  
P262 Do not get in eyes, on skin, or on clothing.  
P285 In case of inadequate ventilation wear respiratory protection.

**2.3. Other hazardous**

Not determined

**Section 3: Composition/ Information of ingredients**

**3.2. Composition**

Chemical Identity and concentration range	CAS No	WE No	Hazard symbols	GHS/CLP Classification
Polyethylmethacrylate 95.0-99.0%	9003-42-3	N/E	N/E	N/E
Benzoyl Peroxide 0.0-1.0%	94-36-0	202-327-6	E, Xi, N, R1, R7, R36, R43 R50/53	Org. Perox. C H242; Skin Sens. 1 H317; Eye Irrit. 2 H319; Aquatic Acute 1 H400; Aquatic Chronic 1 H410
CI77891 0.1-1.0%	13463-67-7	236-675-5	N/E	N/E

Full text of R-phrases is provided in section 16

**Section 4: First aid measures**

**4.1. Description of first aid measures**

**First aid for skin:**

Wash with soap and water. Get medical help if discomfort persists.

**First aid for eye:**

Flush with plenty of water for 15 minutes, including under eyelids. Get medical help if discomfort persist.

**First aid for inhalation:**

Remove to fresh air. Get medical help if discomfort persists.

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

**Skin contact:**

Repeated or prolonged exposure may cause allergic skin rashes.

**Eye contact:**

Higher concentration can irritate eyes. May cause eye irritation or damage.

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**Ingestion:**

Higher concentration can irritate respiratory system.

**Inhalation:**

Possible temporary discomfort due to inhalation of dust concentration above the permissible exposure limit. Dust may cause irritation of the nose, throat and lungs.

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

After thorough examination of the injured the doctor decides how rescue proceedings should be.

**Section 5: Fire-fighting Measures**

**5.1. Extinguishing media:**

Water, carbon dioxide, dry chemical.

**5.2. Special hazards arising from the substance or mixture:**

Polymer dust is combustible, explosive limits of the polymer particles suspended in air are approximately those of coal dust.

**5.3. Advice for fire-fighters:**

Avoid extinguishing methods that generate dust clouds. Water streams can disperse dust into air, producing a fire hazard and possible explosion hazard. Fire-fighters should wear self-contained breathing apparatus.

**Section 6: Accidental release measures**

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

US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802. EU Regulations require the consultation of Directive 98/24/

**6.2. Environmental precautions**

Do not allow to enter drinking water supplies, wastewater, or soil.

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

Sweep up to avoid slipping hazard. Keep airborne particulates at a minimum when cleaning up spills.

**6.4. Reference to other sections** Disposal

of the product - Section 13

Personal protection – Section 8

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

Observe precautions found on the label. Wash face and hands thoroughly with soap and water after handling and before eating, drinking or smoking. Avoid prolonged or repeated contact with skin. Avoid contamination. Use only with adequate ventilation.

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

Polymer dust is combustible, explosive limits of the polymer particles suspended in air are approximately those of coal dust. Store in cool, dry place away from heat, sparks, flame and direct

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sunlight. Close container after each use. Ground all metal containers when transferring. Use explosion-proof equipment. Store away from combustibles and incompatible materials.

**7.3. Specific end use(s)** No data.

**Section 8: Exposure controls/ personal protection**

**8.1. Control parameters**

Chemical Identity	CAS No	Exposure OSHA TWA/STEL	Limits ACGIH TWA/STEL
Benzoyl peroxide	94-36-0	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>
CI77891	13463-67-7	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>

**8.2. Exposure controls**

Use good local exhaust at processing equipment, including buffers, sanders, grinders, polishers. High temperature processing equipment should be well ventilated. Use explosion-proof equipment. Provide ventilation if necessary to control exposure levels below airborne exposure limits.

**Personal Protective Equipment**

**General**

Dust collectors are recommended for handling powder in bulk.

**Respiratory protection**

Avoid breathing dust and mist. Use dust mask.

**Eye / face protection**

Use safety glasses and have eye flushing equipment immediately available.

**Skin protection**

Minimize contamination by following good industrial practice. Wearing nitrile, neoprene, PVC, latex or other impermeable gloves is recommended.

**Section 9: Physical and chemical properties**

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

<b>Appearance</b>	fine, white powder
<b>Odor &amp; Odor Threshold</b>	faint odor in bulk
<b>PH</b>	no data
<b>Viscosity %</b>	no data
<b>Decomposition/Temperature</b>	no data
<b>Octanol/Water Partitioning Coefficient Log Po/w</b>	no data
<b>Vapor Pressure:</b>	no data
<b>Vapor Density</b>	no data
<b>Evaporation Rate</b>	no data
<b>Ignition</b>	no data
<b>Solubility In Water (20°C)</b>	insoluble
<b>Flash Point(°F/°C)</b>	580°F/304°C TAG Closed
<b>Flammable Limit(vol%)</b>	no data
<b>Auto-ignition Temperature</b>	no data

**9.2. Other information** No data.

**Section 10: Stability and reactivity**

**10.1. Reactivity:**

The product reacts with strong oxidizing agents.

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**10.2. Chemical stability:**

The product is stable under recommended transport or storage conditions.

**10.3. Possibility of hazardous reactions:**

Will not occur.

**10.4. Conditions to avoid:**

Heating above 240°C, 464°F

**10.5. Incompatible materials:** Strong

oxidizing agents.

**10.6. Hazardous decomposition products:**

Methacrylate monomers.

**Section 11: Toxicological information**

**11.1. Information on toxicological effects:**

<b><i>Acute Oral Toxicity</i></b>	DL <sub>50</sub> (oral, rat)	7990 mg/kg
<b><i>Acute Dermal Toxicity</i></b>	DL <sub>50</sub> (dermal, rabbit)	35,500 mg/kg
<b><i>Acute Inhalation Toxicity</i></b>	DL <sub>50</sub> (inhalation, rat)	>12,500 to 16,500 ppm for 0.5 hours
<b><i>Skin contact:</i></b>	Mild	
<b><i>Eye contact:</i></b>	Mild	
<b><i>Sensitization</i></b>	No information available.	
<b><i>Mutagenicity</i></b>	No information available.	
<b><i>Sub-chronic Toxicity</i></b>	No information available.	

Since this product contains a very low concentration of active components, the primary toxicological information is derived from the copolymers. Further hazardous properties cannot be excluded. The product should be handled with care when dealing with chemicals.

**Section 12: Ecological Information**

**12.1. Toxicity**

Acute Toxicity to Fish: Flathead minnows and goldfish TLm24: 420ppm Bluegills  
TLm24: 368 ppm

Acute Toxicity to Invertebrates: N/DA

Acute Toxicity to Algae: N/DA

**12.2. Persistence and degradability** No data.

**12.3. Bioaccumulative potential** No data.

**12.4. Mobility in soil** No data.

**12.5. Results of PBT assessment** Not include.

**12.6. Other adverse effects** Not tested.

To the best of our knowledge, the ecotoxicological and chemical fate properties have not been thoroughly investigated. Do not allow to enter drinking water supplies, wastewater, or soil.

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**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

May be disposed of in a landfill or incinerated. Follow Federal, State and Local regulations for disposal. For EU Members States, please refer to any relevant Community provisions relating to waste. In their absence, it is useful to remind the user that national or regional provisions may be in force.

**Section 14: Transport information**

**14.1. UN number**

The product is not classified as dangerous during transport.

**14.2. UN proper shipping name**

The product is not classified as dangerous during transport.

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

The product is not classified as dangerous during transport.

**14.4. Packing group**

The product is not classified as dangerous during transport.

**14.5. Environmental hazards**

The product is not classified as dangerous during transport.

**14.6. Special precautions for user** No

data available.

**Section 15: Regulatory information**

Clean Air Act: HAP/ODS	This product contains no hazardous air pollutants (HAP and ODS's), as defined by the U.S. Clean Air Act:
Clean Water Act: Priority Pollutant	This product contains no chemicals listed under the U. S. Clean Water Act Priority Pollutant List.
FDA: Food Packaging Status	This product has not been cleared by the FDA for use in food packaging and / or other applications as an indirect food additive.
Occupational Safety and Health Act	This product is not considered to be a hazardous chemical under the OSHA Hazard Communication Standard.
RCRA	This product is not considered to be a hazardous waste under RCRA (40 CFR 261).
SARA Title III: Section 302 (TPQ)	This product contains no chemicals regulated under Sec. 302 as extremely hazardous substances.
SARA Title III: Section 302 (RQ)	This product contains no chemicals regulated under Section 304 as extremely hazardous chemical for emergency release notification (" CERCLA" List)
SARA Title III: Section 311-312:	This product does not contain hazardous substances under the OSHA Hazard Communication Standard, and is not regulated under Section 311312 (40 CFR 370).
SARA Title III: Section 313:	This product contains the following chemicals outlined in SARA Title III: Section 313: Benzoyl Peroxide CAS# 94-36-0
TSCA Section 8(b): Inventory: TSCA Significant New Use Rule:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements. None of the chemicals listed have a SNUR under TSCA..

**International Regulations:**

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CDSL: Canadian Inventory (on Canadian Transitional List)	Polymethyl methacrylate CAS# 9011-14-7 is on the DSL List. WHMIS = n/da Titanium dioxide CAS # 13463-67-7 is on the DSL list. WHMIS = n/da Benzoyl Peroxide CAS# 94-36-0 is on the DSL List. WHMIS = C, D2B, B4
EINECS: European Inventory:	<p style="text-align: center;"><b>Colored Polymers</b></p> <p style="text-align: center;">HAZARD SYMBOLS: <b>Xi: Irritant</b></p> <p style="text-align: center;">RISK PHRASES: <b>R36/37/38 Irritating to eyes, respiratory system and skin</b></p> <p style="text-align: center;">SAFETY PHRASES: <b>S22 Do not breath dust; S24/25 Avoid contact with skin and eyes; S38 In case of insufficient ventilation, wear suitable respiratory equipment</b></p>
<b>Section 16: Other information</b>	

**May contain the following chemicals:**

Chemical Identity and concentration range	CAS No.	EINECS No.
CI42090 0.0-0.1%	3844-45-9	223-339-8
CI19140 0.0-0.1%	1934-21-0	217-699-5
CI15850 0.0-0.1%	5281-04-9	226-109-5
CI73360 0.0-0.1%	2379-74-0	219-163-6
CI45370 0.0-0.1%	596-03-2	209-876-0
CI60725 0.0-0.1%	81-48-1	201-353-5
CI77499 0.0-0.1%	1317-61-9	215-277-5
CI77491 0.0-0.1%	1382-37-2	215-570-8
CI77492 0.0-0.1%	51274-00-1	257-098-5
CI77266 0.0-0.1%	1333-86-4	215-609-9
Mica 0.0-0.1%	12001-26-2	310-127-6
Polyethylene terephthalate 0.0-0.1%	25038-59-9	N/E

**Full range of R-Phrases from Section 2 and 3.**

R1	Explosive when dry
R7	May cause fire
R36/37/38	Irritating to eyes, respiratory system and skin.
R43	May cause sensitization by skin contact
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

**S-Phrases**

S22	Do not breath dust
S24/25	Avoid contact with skin and eyes
S38	In case of insufficient ventilation, wear suitable respiratory equipment

**Full range of H-Phrases from Section 2 and 3.**

Org. Perox. C	H242	Heating may cause a fire.
Skin Irrit. 2	H315	Causes skin irritation.
Skin Sens. 1	H317	May cause an allergic skin reaction.
Eye Irrit. 2	H319	Causes serious eye irritation.
STOT SE 3	H335	May cause respiratory irritation.
Aquatic Acute 1	H400	Very toxic to aquatic life.
Aquatic Chronic 1	H410	Very toxic to aquatic life with long lasting effects.

**P-Phrases**

P260	Do not breathe dust/fume/gas/mist/vapours/spray.
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P262	Do not get in eyes, on skin, or on clothing.
P285	In case of inadequate ventilation wear respiratory protection.

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