

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

· **Product details**

· **Trade name:** 35202-35272 Color Horizons Paste Pearls

· **Article number:** 35202, 35204, 35212, 35214, 35222, 35224, 35232, 35234, 35242, 35252, 35254, 35262, 35272

· **Application of the substance / the preparation** coating

· **Manufacturer/Supplier:**

SEM Products Inc.  
1685 Overview Drive  
Rock Hill, SC 29730  
803 207 8225

· **Information department:**

cust\_care@semproducts.com : SEM Products, Inc. 1685 Overview Dr. Rock Hill, SC 29730 : phone 1-800-831-1122, M - TH 7am - 4pm EDT

· **Emergency information:** 24 HR EMERGENCY CHEMTREC 1-800-424-9300

## 2 Composition/information on ingredients

· **Chemical characterization**

· **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

|            |   |          |
|------------|---|----------|
| 108-88-3   | toluene<br>⚠ H225; ⚠ H361; H373; H304; ⚠ H315; H336             | 30 - 40% |
| 12001-26-2 | Mica<br>⚠ H315; H319; H335                                      | 13 - 30% |
| 108-65-6   | 2-methoxy-1-methylethyl acetate<br>⚠ H226                       | 13 - 30% |
| 85-68-7    | benzyl butyl phthalate<br>⚠ H360; ⚠ H400; H410                  | 13 - 30% |
| 68911-87-5 | ALKYL QUATERNARY AMMONIUM MONTMORILLONITE<br>⚠ H315; H319; H335 | 1-1.5%   |
| 67-56-1    | methanol<br>⚠ H225; ⚠ H301; H311; H331; ⚠ H370                  | ≤1%      |

· **SVHC**

|         |                        |
|---------|------------------------|
| 85-68-7 | benzyl butyl phthalate |
|---------|------------------------|

## 3 Hazards identification

· **Classification of the substance or mixture**

· **Classification according to Regulation (EC) No 1272/2008**



GHS02 Flame

H225 Highly flammable liquid and vapour.



GHS08 Health hazard

H360 May damage fertility or the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.

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GHS09 Environment

H411 Toxic to aquatic life with long lasting effects.



GHS07

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H333 May be harmful if inhaled.

· **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



Harmful

Harmful: danger of serious damage to health by prolonged exposure through inhalation. Possible risk of harm to the unborn child.



Irritant

Irritating to eyes, respiratory system and skin.



Highly flammable

Highly flammable.

Vapours may cause drowsiness and dizziness.

· **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of international guidelines.

Has a narcotizing effect.

· **Classification system:**

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

· **Label elements**

· **Labelling according to Regulation (EC) No 1272/2008**

· **Hazard pictograms**



GHS02



GHS07



GHS08



GHS09

· **Signal word** Danger

· **Hazard-determining components of labelling:**

toluene

methanol

benzyl butyl phthalate

· **Hazard statements**

Highly flammable liquid and vapour.

May be harmful if inhaled.

Causes skin irritation.

Causes serious eye irritation.

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May damage fertility or the unborn child.  
May cause respiratory irritation.  
May cause damage to organs through prolonged or repeated exposure.  
Toxic to aquatic life with long lasting effects.

· **Precautionary statements**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
Use explosion-proof electrical/ventilating/lighting/equipment.  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
Continue rinsing.  
Store locked up.  
Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Labelling according to EU guidelines:**

The product has been classified and marked in accordance with directives on hazardous materials.

· **Code letter and hazard designation of product:**



Harmful  
Highly flammable

· **Hazard-determining components of labelling:**

toluene

· **Risk phrases:**

Highly flammable.  
Irritating to eyes, respiratory system and skin.  
Harmful: danger of serious damage to health by prolonged exposure through inhalation.  
Possible risk of harm to the unborn child.  
Vapours may cause drowsiness and dizziness.

· **Safety phrases:**

Keep in a cool place.  
Keep container in a well-ventilated place.  
Wear suitable protective clothing, gloves and eye/face protection.  
This material and its container must be disposed of as hazardous waste.

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



Health = 2  
Fire = 3  
Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**



HEALTH 2 Health = 2  
FIRE 3 Fire = 3  
REACTIVITY 0 Reactivity = 0

## 4 First aid measures

· **After inhalation:** In case of unconsciousness place patient stably in side position for transportation.

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- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.

### 5 Firefighting measures

- **Suitable extinguishing agents:** CO<sub>2</sub>, sand, extinguishing powder. Do not use water.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Protective equipment:** No special measures required.

### 6 Accidental release measures

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.  
Do not flush with water or aqueous cleansing agents

### 7 Handling and storage

- **Handling:**
- **Information for safe handling:**  
No special measures required.  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.
- **Information about protection against explosions and fires:**  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Keep receptacle tightly sealed.  
Store in cool, dry conditions in well sealed receptacles.

### 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

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**Components with limit values that require monitoring at the workplace:**

**108-88-3 toluene**

|        |   |
|--------|---|
| PEL () | Short-term value: C 300; 500* ppm<br>Long-term value: 200 ppm<br>*10-min peak per 8-hr shift          |
| REL () | Short-term value: 560 mg/m <sup>3</sup> , 150 ppm<br>Long-term value: 375 mg/m <sup>3</sup> , 100 ppm |
| TLV () | 75 mg/m <sup>3</sup> , 20 ppm<br>NIC-BEI  |

**12001-26-2 Mica**

|        |  |
|--------|--|
| PEL () | 20 mppcf ppm<br><1% crystalline silica                           |
| REL () | 3* mg/m <sup>3</sup><br>*respirable dust; containing < 1% quartz |
| TLV () | 3* mg/m <sup>3</sup><br>*as respirable fraction                  |

**108-65-6 2-methoxy-1-methylethyl acetate**

|         |        |
|---------|--------|
| WEEL () | 50 ppm |
|---------|--------|

**67-56-1 methanol**

|        |  |
|--------|--|
| PEL () | 260 mg/m <sup>3</sup> , 200 ppm  |
| REL () | Short-term value: 325 mg/m <sup>3</sup> , 250 ppm<br>Long-term value: 260 mg/m <sup>3</sup> , 200 ppm<br>Skin      |
| TLV () | Short-term value: 328 mg/m <sup>3</sup> , 250 ppm<br>Long-term value: 262 mg/m <sup>3</sup> , 200 ppm<br>Skin; BEI |

**Additional information:** The lists that were valid during the creation were used as basis.

**Personal protective equipment:**

**General protective and hygienic measures:**

- Keep away from foodstuffs, beverages and feed.
- Immediately remove all soiled and contaminated clothing.
- Wash hands before breaks and at the end of work.
- Avoid contact with the eyes and skin.

**Breathing equipment:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

**Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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- **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**



Tightly sealed goggles

## 9 Physical and chemical properties

### · General Information

#### · Appearance:

|        |                                    |
|--------|------------------------------------|
| Form:  | Liquid                             |
| Color: | According to product specification |
| Odor:  | Characteristic                     |

#### · Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 64°C (147°F)

· Flash point: 7°C (45°F)

· Ignition temperature: 315°C (599°F)

· Auto igniting: Product is not selfigniting.

· Danger of explosion: In use, may form flammable/explosive vapour-air mixture.

#### · Explosion limits:

|        |            |
|--------|------------|
| Lower: | 0.4 Vol %  |
| Upper: | 10.8 Vol % |

· Vapor pressure at 20°C (68°F): 29 hPa (22 mm Hg)

· Density at 20°C (68°F): 1.23 g/cm<sup>3</sup> (10.264 lbs/gal)

#### · Solubility in / Miscibility with

Water: Not miscible or difficult to mix.

#### · Solvent content:

|                   |                        |
|-------------------|------------------------|
| Organic solvents: | 50.5 %                 |
| VOC content:      | 50.5 %                 |
|                   | 609.0 g/l / 5.08 lb/gl |

Solids content: 49.5 %

## 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Materials to be avoided:**
- **Dangerous reactions** No dangerous reactions known.

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· **Dangerous products of decomposition:** No dangerous decomposition products known.

## 11 Toxicological information

· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

### 108-88-3 toluene

|            |          |                      |
|------------|----------|----------------------|
| Oral       | LD50     | 5000 mg/kg (rat)     |
| Dermal     | LD50     | 12124 mg/kg (rabbit) |
| Inhalative | LC50/4 h | 5320 mg/l (mouse)    |

· **Primary irritant effect:**

· **on the skin:** Irritant to skin and mucous membranes.

· **on the eye:** Irritating effect.

· **Sensitization:** No sensitizing effects known.

· **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:  
Irritant

## 12 Ecological information

· **Additional ecological information:**

· **General notes:**

Water hazard class 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

## 13 Disposal considerations

· **Product:**

· **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packagings:**

· **Recommendation:** Disposal must be made according to official regulations.

## 14 Transport information

· **DOT regulations:**



· **Hazard class:**

3

· **Identification number:**

UN1263

· **Packing group:**

II

· **Proper shipping name (technical name):** PAINT

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· **Label** 3  
· **Remarks** ORM-D 49CFR 173.150,156,or306

· **Land transport TDG (Canada) and ADR/RID (Europe):**



· **Hazard class:** 3 Flammable liquids  
· **UN-Number:** 1263  
· **Packaging group:** II  
· **Label:** 3  
· **Special marking:** Symbol (fish and tree)  
· **Description of goods:** 1263 PAINT, special provision 640D

· **Maritime transport IMDG:**



· **IMDG Class:** 3  
· **UN Number:** 1263  
· **Label** 3  
· **Packaging group:** II  
· **EMS Number:** F-E,S-E  
· **Marine pollutant:** No  
· **Propper shipping name:** PAINT

· **Air transport ICAO-TI and IATA-DGR:**



· **ICAO/IATA Class:** 3  
· **UN/ID Number:** 1263  
· **Label** 3  
· **Packaging group:** II  
· **Propper shipping name:** PAINT

· **UN "Model Regulation":** UN1263, PAINT, 3, II

### 15 Regulatory information

· **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

· **Section 313 (Specific toxic chemical listings):**

108-88-3 toluene

67-56-1 methanol

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|   |   |    |
|---|---|----|
| <b>· TSCA (Toxic Substances Control Act):</b>                             |   |    |
| 108-88-3  | toluene   |    |
| 108-65-6  | 2-methoxy-1-methylethyl acetate                     |    |
| 85-68-7   | benzyl butyl phthalate                              |    |
| 13463-67-7  | titanium dioxide                                    |    |
| 68911-87-5  | ALKYL QUATERNARY AMMONIUM MONTMORILLONITE           |    |
| 67-56-1   | methanol  |    |
| 7732-18-5   | water, distilled, conductivity or of similar purity |    |
| 1333-86-4   | Carbon black  |    |
| <b>· Proposition 65</b>   |   |    |
| <b>· Chemicals known to cause cancer:</b>                                 |   |    |
| 68911-87-5  | ALKYL QUATERNARY AMMONIUM MONTMORILLONITE           |    |
| 1333-86-4   | Carbon black  |    |
| <b>· Chemicals known to cause reproductive toxicity for females:</b>      |   |    |
| None of the ingredients is listed.  |   |    |
| <b>· Chemicals known to cause reproductive toxicity for males:</b>        |   |    |
| None of the ingredients is listed.  |   |    |
| <b>· Chemicals known to cause developmental toxicity:</b>                 |   |    |
| 108-88-3  | toluene   |    |
| <b>· Cancerogenity categories</b>   |   |    |
| <b>· EPA (Environmental Protection Agency)</b>                            |   |    |
| 108-88-3  | toluene   | II |
| 85-68-7   | benzyl butyl phthalate                              | C  |
| <b>· IARC (International Agency for Research on Cancer)</b>               |   |    |
| 108-88-3  | toluene   | 3  |
| 85-68-7   | benzyl butyl phthalate                              | 3  |
| 13463-67-7  | titanium dioxide                                    | 2B |
| 1333-86-4   | Carbon black  | 2B |
| <b>· NTP (National Toxicology Program)</b>                                |   |    |
| None of the ingredients is listed.  |   |    |
| <b>· TLV (Threshold Limit Value established by ACGIH)</b>                 |   |    |
| 108-88-3  | toluene   | A4 |
| 13463-67-7  | titanium dioxide                                    | A4 |
| 1333-86-4   | Carbon black  | A4 |
| <b>· NIOSH-Ca (National Institute for Occupational Safety and Health)</b> |   |    |
| 13463-67-7  | titanium dioxide                                    |    |
| 67-56-1   | methanol  |    |
| 1333-86-4   | Carbon black  |    |
| <b>· OSHA-Ca (Occupational Safety &amp; Health Administration)</b>        |   |    |
| 68911-87-5  | ALKYL QUATERNARY AMMONIUM MONTMORILLONITE           |    |

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· **Chemical safety assessment** A Chemical Safety Assessment has not been carried out.

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## 16 Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

· **Department issuing MSDS:** Environment protection department.

· **Contact:** Steve Gaver

· **Abbreviations and acronyms:**

*ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)*

*RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)*

*IMDG: International Maritime Code for Dangerous Goods*

*DOT: US Department of Transportation*

*IATA: International Air Transport Association*

*IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)*

*ICAO: International Civil Aviation Organization*

*ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)*

*GHS: Globally Harmonized System of Classification and Labelling of Chemicals*

*ACGIH: American Conference of Governmental Industrial Hygienists*

*NFPA: National Fire Protection Association (USA)*

*HMIS: Hazardous Materials Identification System (USA)*

*VOC: Volatile Organic Compounds (USA, EU)*

*LC50: Lethal concentration, 50 percent*

*LD50: Lethal dose, 50 percent*