

Reviewed on 08/16/2017

Printing date 03/14/2018

1 Identification

- · Product identifier
- · 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 mixture Coating

· Details of the supplier of the safety data sheet

• Manufacturer/Supplier: SEM Products Inc. 1685 Overview Drive Rock Hill, SC 29730 803 207 8225

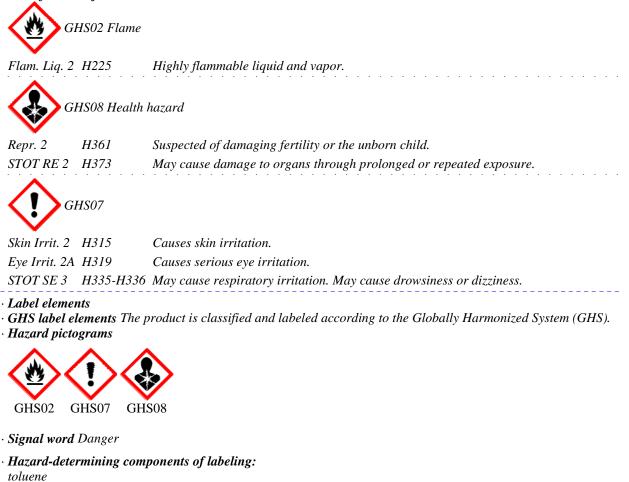
• Information department:

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 telephone number: CHEMTREC 1-800-424-9300

2 Hazard(s) identification

· Classification of the substance or mixture



Mica

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	(Contd. of page
	ntie clay complex
Hazard stat	
H225	Highly flammable liquid and vapor.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H361	Suspected of damaging fertility or the unborn child.
	May cause respiratory irritation. May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.
	iry statements
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat/sparks/open flames/hot surfaces No smoking.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361	+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with wat shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351	+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if prese and easy to do. Continue rinsing.
P308+P313	
P312	Call a poison center/doctor if you feel unwell.
P321	Specific treatment (see on this label).
P314	Get medical advice/attention if you feel unwell.
P362+P364	
P332+P313	
P337+P313	•
P370+P378	
P403+P233	
P403+P235	
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/internation regulations.
Classificatio	
	gs (scale 0 - 4)
3	Health = 2
	Fire = 3
$\checkmark \forall$	Reactivity $= 0$
HMIS-ratin	gs (scale 0 - 4)
	2 Health = 2
	$\begin{array}{l} \text{Finter } = 2 \\ 3 \\ \text{Finter } = 3 \end{array}$
REACTIVITY	\mathbf{O} Reactivity = 0

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- · Other hazards
- · Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- · Chemical characterization: Mixtures
- · Description:
- Mixture: consisting of the following components.
- Weight percentages

· Dangerous	components:
-------------	-------------

<i>108-88-3</i>	toluene	30-40%
12001-26-2	Mica	13-30%
108-65-6	2-methoxy-1-methylethyl acetate	13-30%
68911-87-5	montmorilontie clay complex	1-1.5%

4 First-aid measures

- · Description of first aid measures
- After inhalation: In case of unconsciousness place patient stably in side position for transportation.
- 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.
- Information for doctor:
- · Most important symptoms and effects, both acute and delayed No further relevant information available.
- · Indication of any immediate medical attention and special treatment needed
- No further relevant information available.

5 Fire-fighting measures

- · Extinguishing media
- · Suitable extinguishing agents:
- CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- For safety reasons unsuitable extinguishing agents: Water with full jet
- Special hazards arising from the substance or mixture No further relevant information available.
- · Advice for firefighters
- · Protective equipment: No special measures required.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away.
- Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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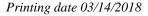
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Dispose cont	aminated material as waste according to item 13.	(Contd. of page 3
	nate ventilation.	
	other sections	
See Section 7	for information on safe handling.	
	for information on personal protection equipment.	
	3 for disposal information. ction Criteria for Chemicals	
PAC-1:	cuon Crueria for Chemicais	
		177
108-88-3		67 ppm
12001-26-2		9 mg/m ³
	2-methoxy-1-methylethyl acetate	50 ppm
	titanium dioxide	30 mg/m ³
67-56-1		530 ppm
1330-20-7	•	130 ppm
	Carbon black	9 mg/m ³
100-41-4	ethylbenzene	33 ppm
78-83-1	butanol	150 ppm
57-55-6	Methyl glycol	30 mg/m ³
PAC-2:		· · · · · · · · · · · · · · · · · · ·
108-88-3	toluene	560 ppm
12001-26-2	Mica	99 mg/m ³
108-65-6	2-methoxy-1-methylethyl acetate	1,000 ppm
13463-67-7	titanium dioxide	330 mg/m ³
67-56-1	methanol	2,100 ppm
1330-20-7	xylene	920* ppm
1333-86-4	Carbon black	99 mg/m ³
100-41-4	ethylbenzene	1100* ppm
78-83-1	butanol	1,300 ppm
57-55-6	Methyl glycol	1,300 mg/m ³
PAC-3:		
108-88-3	toluene	3700* ppm
12001-26-2	Міса	590 mg/m ³
	2-methoxy-1-methylethyl acetate	5000* ppm
	titanium dioxide	2,000 mg/m ³
67-56-1	methanol	7200* ppm
1330-20-7	xylene	2500* ppm
1333-86-4	Carbon black	590 mg/m ³
100-41-4	ethylbenzene	1800* ppm
78-83-1	-	8000* ppm
57-55-6	Methyl glycol	7,900 mg/m ³

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7 Handling and storage

- · Handling:
- · Precautions for safe handling No special measures required.
- Information about protection against explosions and fires: Keep ignition sources away - Do not smoke. Protect against electrostatic charges.
- · Conditions for safe storage, including any incompatibilities
- · 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.
- Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

- Additional information about design of technical systems: No further data; see item 7.
- · Control parameters
- Components with limit values that require monitoring at the workplace:
- The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.

At this time, the remaining constituent has no known exposure limits.

108-88-3 toluene PEL Long-term value: 200 ppm Ceiling limit value: 300; 500* ppm *10-min peak per 8-hr shift Short-term value: 560 mg/m³, 150 ppm REL Long-term value: 375 mg/m³, 100 ppm TLVLong-term value: 75 mg/m³, 20 ppm BEI 12001-26-2 Mica PEL Long-term value: 20 mppcf ppm <1% crystalline silica Long-term value: 3* mg/m³ REL **respirable dust; containing < 1% quartz* TLVLong-term value: 3* mg/m³ *as respirable fraction 108-65-6 2-methoxy-1-methylethyl acetate WEEL Long-term value: 50 ppm (Contd. on page 6)

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	(Contd. of page :
-	redients with biological limit values:
	88-3 toluene
BEI	0.02 mg/L
	Medium: blood
	Time: prior to last shift of workweek
	Parameter: Toluene
	0.03 mg/L
	Medium: urine
	Time: end of shift
	Parameter: Toluene
	0.3 mg/g creatinine
	Medium: urine
	Time: end of shift
	Parameter: o-Cresol with hydrolysis (background)
Add	itional information: The lists that were valid during the creation were used as basis.
Imm Was Stor Avoit Brea In co resp Prot Due cher	p away from foodstuffs, beverages and feed. ediately remove all soiled and contaminated clothing. h hands before breaks and at the end of work. e protective clothing separately. id contact with the eyes and skin. uthing equipment: ase of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure u iratory protective device that is independent of circulating air. ection of hands: to missing tests no recommendation to the glove material can be given for the product/ the preparation/ to nical mixture. ction of the glove material on consideration of the penetration times, rates of diffusion and the degradation
en.	Protective gloves
Mat	glove material has to be impermeable and resistant to the product/ the substance/ the preparation. e rial of gloves
	selection of the suitable gloves does not only depend on the material, but also on further marks of quality a

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. • Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

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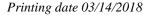
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(Contd. of page 6) · Eye protection: Tightly sealed goggles 9 Physical and chemical properties · Information on basic physical and chemical properties · General Information · Appearance: Form: Liquid Color: According to product specification · Odor: *Characteristic* · Odor threshold: Not determined. · pH-value: Not determined. · Change in condition Melting point/Melting range: Undetermined. **Boiling point/Boiling range:** 110-111 °C $4 \ ^{\circ}C$ · Flash point: · Flammability (solid, gaseous): Not applicable. 315 °C · Ignition temperature: · Decomposition temperature: Not determined. Product is not selfigniting. · Auto igniting: · Danger of explosion: In use, may form flammable/explosive vapour-air mixture. · Explosion limits: 1.2 Vol % Lower: 10.8 Vol % Upper: · Vapor pressure at 20 °C: 29 hPa

· Density at 20 •C: 1.20948 g/cm³ · Relative density Not determined. · Vapor density Not determined. · Evaporation rate Not determined. · Solubility in / Miscibility with Not miscible or difficult to mix. Water: · Partition coefficient (n-octanol/water): Not determined. · Viscosity: Dynamic: Not determined. Kinematic: Not determined. · Solvent content: 50.3 % **Organic** solvents: Water: 0.0%

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		(Contd. of page 7)
VOC content:	50.25 %	
	607.9 g/l / 5.07 lb/gl	
Solids content:	49.8 %	
• Other information	No further relevant information available.	

10 Stability and reactivity

• *Reactivity* No further relevant information available.

- · Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · Possibility of hazardous reactions No dangerous reactions known.
- · Conditions to avoid No further relevant information available.
- · Incompatible materials: No further relevant information available.
- · Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

· Information on toxicological effects

· Acute toxicity:

· LD/LC50 values that are relevant for classification:

108-88-3 toluene

Oral	LD50	5,000 mg/kg (rat)
	LD50	12,124 mg/kg (rabbit)
Inhalative	LC50/4 h	5,320 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.

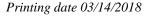
• Additional toxicological information:

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

· Carcinogenic categories

· IARC (Inter	national Agency for Research on Cancer)	
108-88-3	toluene	3
13463-67-7	titanium dioxide	2B
1330-20-7	xylene	3
1333-86-4	Carbon black	2B
100-41-4	ethylbenzene	2B
· NTP (Natio	nal Toxicology Program)	
None of the	ingredients is listed.	
· OSHA-Ca (Occupational Safety & Health Administration)	
68911-87-5	montmorilontie clay complex	
		LIC

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12 Ecological information

- · Toxicity
- Aquatic toxicity: No further relevant information available.
- · Persistence and degradability No further relevant information available.
- · Behavior in environmental systems:
- · Bioaccumulative potential No further relevant information available.
- · Mobility in soil No further relevant information available.
- 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.
- · Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.
- · Other adverse effects No further relevant information available.

13 Disposal considerations

- · Waste treatment methods
- · 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.

· UN-Number · DOT, ADR, IMDG, IATA	UN1263	
· UN proper shipping name		
-DOT	Paint	
ADR	1263 Paint, special provision 640D	
· IMDG, IATA	PAINT	
 Transport hazard class(es) DOT 		
· Class	3 Flammable liquids	
· Label	3	



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· ADR, IATA	
· Class	3 Flammable liquids
Label	3
IMDG	
\checkmark	
· Class	3 Flammable liquids
Label	3
Packing group	
DOT, ADR, IMDG, IATA	11
Environmental hazards:	Product contains environmentally hazardous substances: benz butyl phthalate
Marine pollutant:	Symbol (fish and tree)
Special precautions for user	Warning: Flammable liquids
EMS Number:	<i>F-E,S-E</i>
Stowage Category	B
Transport in bulk according to Annex	
MARPOL73/78 and the IBC Code	Not applicable.
Transport/Additional information:	
DOT	
Quantity limitations	On passenger aircraft/rail: 5 L
	On cargo aircraft only: 60 L
ADR Exponented quantities (EQ)	Code: E2
Excepted quantities (EQ)	Coae: E2 Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 50 ml
IMDG	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E2
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 500 ml
UN ''Model Regulation'':	UN 1263 PAINT, SPECIAL PROVISION 640D, 3, II

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15 Room	atom in	formation
$15 \Lambda egui$	uuurvuu	

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Section 355	(extremely hazardous substances):
None of the	ingredient is listed.
Section 313	(Specific toxic chemical listings):
108-88-3 t	oluene
67-56-1 i	nethanol
1330-20-7 x	cylene
100-41-4 e	ethylbenzene
TSCA (Toxi	c Substances Control Act):
108-88-3	toluene
108-65-6	2-methoxy-1-methylethyl acetate
16883-83-3	benzyl 3-isobutryloxy-1-isopropyl-2-2-dimethylpropyl phthalate
13463-67-7	titanium dioxide
68911-87-5	montmorilontie clay complex
67-56-1	methanol
1330-20-7	xylene
	Carbon black
	ethylbenzene
78-83-1	butanol
	Methyl glycol
7732-18-5	water
TSCA new (21st Century Act) (Substances not listed)
12001-26-2	Mica
Proposition	
Chemicals k	cnown to cause cancer:
13463-67-7	titanium dioxide
1330-20-7	•
	Carbon black
100-41-4	ethylbenzene
Chemicals k	nown to cause reproductive toxicity for females:
None of the	ingredients is listed.
Chemicals k	nown to cause reproductive toxicity for males:
	ingredients is listed.
Chemicals k	nown to cause developmental toxicity:
108-88-3 to	· ·
67-56-1 m	
	ity categories
	onmental Protection Agency)
108-88-3 t	oluene



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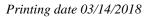
	(Contd. of pag	ge 11)	
1330-20-7	xylene	Ι	
100-41-4	ethylbenzene	D	
· TLV (Threshold Limit Value established by ACGIH)			
108-88-3	toluene	A4	
13463-67-7	titanium dioxide	A4	
1330-20-7	xylene	A4	
1333-86-4	Carbon black	A4	
100-41-4	ethylbenzene	A3	
· NIOSH-Ca	· NIOSH-Ca (National Institute for Occupational Safety and Health)		
13463-67-7	titanium dioxide		
67-56-1	methanol		
1333-86-4	Carbon black		

• *GHS label elements* The product is classified and labeled according to the Globally Harmonized System (GHS). • *Hazard pictograms*



· Signal word Danger

· Hazard-determining components of labeling: toluene Mica montmorilontie clay complex · Hazard statements Highly flammable liquid and vapor. H225 H315 Causes skin irritation. H319 Causes serious eye irritation. Suspected of damaging fertility or the unborn child. H361 H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness. H373 May cause damage to organs through prolonged or repeated exposure. · Precautionary statements Obtain special instructions before use. P201 P202 Do not handle until all safety precautions have been read and understood. P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting/equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P260 Do not breathe dust/fume/gas/mist/vapors/spray. P264 Wash thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection. P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (Contd. on page 13)



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P308+P313	IF exposed or concerned: Get medical advice/attention.
P312	Call a poison center/doctor if you feel unwell.
P321	Specific treatment (see on this label).
P314	Get medical advice/attention if you feel unwell.
P362+P364	Take off contaminated clothing and wash it before reuse.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P370+P378	In case of fire: Use for extinction: CO2, powder or water spray.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

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

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 SDS: Environment protection department.

- · Contact: Rita Joiner (rjoiner@semproducts.com)
- · Date of preparation / last revision 03/14/2018 / 11

· Abbreviations and acronyms: RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) ICAO: International Civil Aviation Organisation ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association ACGIH: American Conference of Governmental Industrial Hygienists EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) 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 PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative NIOSH: National Institute for Occupational Safety OSHA: Occupational Safety & Health TLV: Threshold Limit Value PEL: Permissible Exposure Limit REL: Recommended Exposure Limit BEI: Biological Exposure Limit Flam. Liq. 2: Flammable liquids – Category 2 Skin Irrit. 2: Skin corrosion/irritation - Category 2 Eye Irrit. 2A: Serious eye damage/eye irritation - Category 2A Repr. 2: Reproductive toxicity - Category 2 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3 STOT RE 2: Specific target organ toxicity (repeated exposure) - Category 2 • * Data compared to the previous version altered.

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