

**Safety Data Sheet**  
acc. to OSHA HCS

Printing date 01/08/2019

Reviewed on 01/08/2019

**1 Identification**

- **Product identifier**
- **Trade name: Series 552**
- **Article number: Series 552**
- **Application of the substance / the mixture** Printing inks
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
DECO TEChnology Group Inc.  
PRINTCOLOR SCREEN AG  
TEL (714) 639-3326  
FAX (714) 639-2261
- **Information department:** Product safety department
- **Emergency telephone number:** 800-535-5053

**2 Hazard(s) identification**

- **Classification of the substance or mixture**



GHS08 Health hazard

Carc. 2      H351 Suspected of causing cancer.



GHS07

Skin Irrit. 2    H315 Causes skin irritation.  
Eye Irrit. 2A   H319 Causes serious eye irritation.  
Skin Sens. 1   H317 May cause an allergic skin reaction.

- **Label elements**

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS07    GHS08

- **Signal word** Warning

- **Hazard-determining components of labeling:**

hexamethylene diacrylate  
Carbon black  
ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate  
phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide  
oxybis(methyl-2,1-ethanediyl) diacrylate  
pentaerythritol triacrylate  
2-(2-Ethoxyethoxy)ethylacrylat  
glycerol, propoxylated, esters with acrylic acid  
4,4'-isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, esters with acrylic acid

- **Hazard statements**

Causes skin irritation.

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Causes serious eye irritation.

May cause an allergic skin reaction.

Suspected of causing cancer.

· **Precautionary statements**

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Avoid breathing dust/fume/gas/mist/vapors/spray

Wash thoroughly after handling.

Contaminated work clothing must not be allowed out of the workplace.

Wear protective gloves/protective clothing/eye protection/face protection.

If on skin: Wash with plenty of water.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF exposed or concerned: Get medical advice/attention.

Specific treatment (see on this label).

Take off contaminated clothing and wash it before reuse.

If skin irritation or rash occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Wash contaminated clothing before reuse.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



Health = 2

Fire = 1

Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**

HEALTH	2
FIRE	1
REACTIVITY	0

Health = 2

Fire = 1

Reactivity = 0

· **Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

### 3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

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

· **Dangerous components:**

CAS: 13048-33-4	hexamethylene diacrylate	10-25%
CAS: 5888-33-5	exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate	10-25%
CAS: 7473-98-5	2-hydroxy-2-methylpropiophenone	2.5-10%
CAS: 84434-11-7	ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate	2.5-10%
CAS: 1333-86-4	Carbon black	1-2.5%
CAS: 108-32-7	propylene carbonate	1-2.5%
CAS: 162881-26-7	phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide	<1%
CAS: 57472-68-1	oxybis(methyl-2,1-ethanediyl) diacrylate	<1%
CAS: 3524-68-3	pentaerythritol triacrylate	<1%
CAS: 7328-17-8	2-(2-Ethoxyethoxy)ethylacrylat	<0.5%

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CAS: 52408-84-1	glycerol, propoxylated, esters with acrylic acid	<0.5%
CAS: 55818-57-0	4,4'-isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, esters with acrylic acid	<0.5%

#### 4 First-aid measures

- **Description of first aid measures**
- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:** Seek medical treatment in case of complaints.
- **After skin contact:**  
Immediately rinse with water.  
If skin irritation continues, consult a doctor.
- **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.
- **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** Not required.
- **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).  
Dispose contaminated material as waste according to item 13.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.
- **Protective Action Criteria for Chemicals**

· **PAC-1:**

CAS: 13048-33-4	hexamethylene diacrylate	3 mg/m <sup>3</sup>
CAS: 1333-86-4	Carbon black	9 mg/m <sup>3</sup>
CAS: 108-32-7	propylene carbonate	34 mg/m <sup>3</sup>
CAS: 7631-86-9	silicon dioxide, chemically prepared	18 mg/m <sup>3</sup>
CAS: 63148-62-9	Polydimethylsiloxan	65 mg/m <sup>3</sup>
CAS: 108-65-6	2-methoxy-1-methylethyl acetate	50 ppm
CAS: 120-51-4	Benzyl benzoate	5.7 mg/m <sup>3</sup>
CAS: 97-88-1	n-butyl methacrylate	19 mg/m <sup>3</sup>
CAS: 111-76-2	2-butoxyethanol	60 ppm

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CAS: 79-10-7	acrylic acid	1.5 ppm
CAS: 14808-60-7	Quartz (SiO <sub>2</sub> )	0.075 mg/m <sup>3</sup>
CAS: 80-62-6	methyl methacrylate	17 ppm
CAS: 107-98-2	1-methoxy-2-propanol	100 ppm
CAS: 150-76-5	mequinol	15 mg/m <sup>3</sup>
CAS: 70657-70-4	2-methoxypropyl acetate	50 ppm

• **PAC-2:**

CAS: 13048-33-4	hexamethylene diacrylate	170 mg/m <sup>3</sup>
CAS: 1333-86-4	Carbon black	99 mg/m <sup>3</sup>
CAS: 108-32-7	propylene carbonate	370 mg/m <sup>3</sup>
CAS: 7631-86-9	silicon dioxide, chemically prepared	740 mg/m <sup>3</sup>
CAS: 63148-62-9	Polydimethylsiloxan	720 mg/m <sup>3</sup>
CAS: 108-65-6	2-methoxy-1-methylethyl acetate	1,000 ppm
CAS: 120-51-4	Benzyl benzoate	63 mg/m <sup>3</sup>
CAS: 97-88-1	n-butyl methacrylate	210 mg/m <sup>3</sup>
CAS: 111-76-2	2-butoxyethanol	120 ppm
CAS: 79-10-7	acrylic acid	46 ppm
CAS: 14808-60-7	Quartz (SiO <sub>2</sub> )	33 mg/m <sup>3</sup>
CAS: 80-62-6	methyl methacrylate	120 ppm
CAS: 107-98-2	1-methoxy-2-propanol	160 ppm
CAS: 150-76-5	mequinol	49 mg/m <sup>3</sup>
CAS: 70657-70-4	2-methoxypropyl acetate	1,000 ppm

• **PAC-3:**

CAS: 13048-33-4	hexamethylene diacrylate	990 mg/m <sup>3</sup>
CAS: 1333-86-4	Carbon black	590 mg/m <sup>3</sup>
CAS: 108-32-7	propylene carbonate	2,200 mg/m <sup>3</sup>
CAS: 7631-86-9	silicon dioxide, chemically prepared	4,500 mg/m <sup>3</sup>
CAS: 63148-62-9	Polydimethylsiloxan	4,300 mg/m <sup>3</sup>
CAS: 108-65-6	2-methoxy-1-methylethyl acetate	5000* ppm
CAS: 120-51-4	Benzyl benzoate	380 mg/m <sup>3</sup>
CAS: 97-88-1	n-butyl methacrylate	1,300 mg/m <sup>3</sup>
CAS: 111-76-2	2-butoxyethanol	700 ppm
CAS: 79-10-7	acrylic acid	180 ppm
CAS: 14808-60-7	Quartz (SiO <sub>2</sub> )	200 mg/m <sup>3</sup>
CAS: 80-62-6	methyl methacrylate	570 ppm
CAS: 107-98-2	1-methoxy-2-propanol	660 ppm
CAS: 150-76-5	mequinol	320 mg/m <sup>3</sup>
CAS: 70657-70-4	2-methoxypropyl acetate	5,000 ppm

## 7 Handling and storage

- **Handling:**
- **Precautions for safe handling** Keep away from heat and direct sunlight.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.

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- **Information about storage in one common storage facility:**  
Store away from foodstuffs.  
Store away from oxidizing agents.
- **Further information about storage conditions:**  
Protect from frost.  
Protect from exposure to the light.
- **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 other constituents have no known exposure limits.

**CAS: 13048-33-4 hexamethylene diacrylate**

WEEL	Long-term value: 1 mg/m <sup>3</sup>
	DSEN

**CAS: 1333-86-4 Carbon black**

PEL	Long-term value: 3.5 mg/m <sup>3</sup>
REL	Long-term value: 3.5* mg/m <sup>3</sup> *0.1 in presence of PAHs; See Pocket Guide Apps.A+C
TLV	Long-term value: 3* mg/m <sup>3</sup> *inhalable fraction

**CAS: 3524-68-3 pentaerythritol triacrylate**

WEEL	Long-term value: 1 mg/m <sup>3</sup>
	DSEN

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Immediately remove all soiled and contaminated clothing.  
Wash hands before breaks and at the end of work.  
Do not inhale gases / fumes / aerosols.  
Avoid contact with the eyes and skin.
- **Breathing equipment:** Not required.
- **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 trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:**  
Nitrile rubber, NBR
- **Eye protection:**



Tightly sealed goggles

## 9 Physical and chemical properties

### · Information on basic physical and chemical properties

#### · General Information

#### · Appearance:

**Form:** Fluid  
**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:** 90 °C (194 °F)

· **Flash point:** 101 °C (213.8 °F) (Abel Pensky)

· **Flammability (solid, gaseous):** Not applicable.

· **Ignition temperature:** 235 °C (455 °F)

· **Decomposition temperature:** Not determined.

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

#### · Explosion limits:

**Lower:** Not determined.  
**Upper:** Not determined.

· **Vapor pressure:** Not determined.

· **Density at 20 °C (68 °F):** 1.25 g/cm<sup>3</sup> (10.43 lbs/gal)

· **Relative density** Not determined.

· **Vapor density** Not determined.

· **Evaporation rate** Not determined.

#### · Solubility in / Miscibility with

**Water:** Not miscible or difficult to mix.

· **Partition coefficient (n-octanol/water):** Not determined.

#### · Viscosity:

**Dynamic:** Not determined.  
**Kinematic:** Not determined.  
**VOC content:** 1.2 %

7.2 g/l / 0.06 lb/gal

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· **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**  
Reacts with strong oxidizing agents.  
Photoreactive.
- **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:**
- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**  
The product shows the following dangers according to internally approved calculation methods for preparations:  
Irritant

### · Carcinogenic categories

#### · IARC (International Agency for Research on Cancer)

CAS: 14807-96-6	Talc (Mg3H2(SiO3)4)	3
CAS: 1333-86-4	Carbon black	2B
CAS: 7631-86-9	silicon dioxide, chemically prepared	3
CAS: 111-76-2	2-butoxyethanol	3
CAS: 79-10-7	acrylic acid	3
CAS: 14808-60-7	Quartz (SiO2)	1
CAS: 80-62-6	methyl methacrylate	3

#### · NTP (National Toxicology Program)

CAS: 14808-60-7	Quartz (SiO2)	K
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#### · OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

## 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.

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- **Ecotoxicological effects:**
- **Remark:** Harmful to fish
- **Additional ecological information:**
- **General notes:**  
Harmful to aquatic organisms  
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.

### 14 Transport information

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>· <b>UN-Number</b></li> <li>· <b>DOT</b></li> <li>· <b>ADR, IMDG, IATA</b></li> </ul>  | <p>Void<br/>UN3082</p>  |
| <ul style="list-style-type: none"> <li>· <b>UN proper shipping name</b></li> <li>· <b>DOT</b></li> <li>· <b>ADR</b></li> <li>· <b>IMDG</b></li> <li>· <b>IATA</b></li> </ul>  | <p>Void<br/>Not restricted good &lt;= 5 Kg/L according to SV 375<br/>3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE,<br/>LIQUID, N.O.S. (hexamethylene diacrylate, exo-1,7,7-<br/>trimethylbicyclo[2.2.1]hept-2-yl acrylate)<br/>Not restricted good &lt;= 5 Kg/L according to 2.10.2.7<br/>ENVIRONMENTALLY HAZARDOUS SUBSTANCE,<br/>LIQUID, N.O.S. (hexamethylene diacrylate, exo-1,7,7-<br/>trimethylbicyclo[2.2.1]hept-2-yl acrylate), MARINE<br/>POLLUTANT<br/>Not restricted good &lt;= 5 Kg/L according to SP A197<br/>ENVIRONMENTALLY HAZARDOUS SUBSTANCE,<br/>LIQUID, N.O.S. (hexamethylene diacrylate, exo-1,7,7-<br/>trimethylbicyclo[2.2.1]hept-2-yl acrylate)</p> |
| <ul style="list-style-type: none"> <li>· <b>Transport hazard class(es)</b></li> <li>· <b>DOT</b></li> <li>· <b>Class</b></li> </ul>   | <p>Void</p>   |
| <ul style="list-style-type: none"> <li>· <b>ADR</b></li> </ul>  | <p>Void</p>   |
| <div style="display: flex; align-items: center; gap: 10px;">   </div> | <p>9 Miscellaneous dangerous substances and articles</p>  |
| <ul style="list-style-type: none"> <li>· <b>Class</b></li> </ul>  | <p>9 Miscellaneous dangerous substances and articles</p>  |

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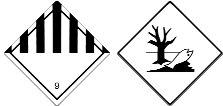


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· <b>Label</b>	9
· <b>IMDG, IATA</b>	
	
· <b>Class</b>	9 Miscellaneous dangerous substances and articles Not restricted good
· <b>Label</b>	9
· <b>Packing group</b>	
· <b>DOT</b>	Void
· <b>ADR, IMDG, IATA</b>	III
· <b>Environmental hazards:</b>	Product contains environmentally hazardous substances: hexamethylene diacrylate
· <b>Marine pollutant:</b>	Yes Symbol (fish and tree)
· <b>Special marking (ADR):</b>	Symbol (fish and tree)
· <b>Special marking (IATA):</b>	Symbol (fish and tree)
· <b>Special precautions for user</b>	Warning: Miscellaneous dangerous substances and articles
· <b>Danger code (Kemler):</b>	90
· <b>EMS Number:</b>	F-A,S-F
· <b>Stowage Category</b>	A
· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
· <b>Transport/Additional information:</b>	
· <b>ADR</b>	
· <b>Excepted quantities (EQ)</b>	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· <b>IMDG</b>	
· <b>Limited quantities (LQ)</b>	5L
· <b>Excepted quantities (EQ)</b>	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· <b>UN "Model Regulation":</b>	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (HEXAMETHYLENE DIACRYLATE, EXO-1,7,7-TRIMETHYLBICYCLO[2.2.1] HEPT-2-YL ACRYLATE), 9, III

## 15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Sara

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

None of the ingredient is listed.

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

CAS: 111-76-2 | 2-butoxyethanol

CAS: 79-10-7 | acrylic acid

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CAS: 80-62-6	methyl methacrylate
<b>· TSCA (Toxic Substances Control Act):</b>	
CAS: 13048-33-4	hexamethylene diacrylate
CAS: 5888-33-5	exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate
CAS: 14807-96-6	Talc (Mg3H2(SiO3)4)
CAS: 7473-98-5	2-hydroxy-2-methylpropiophenone
CAS: 1333-86-4	Carbon black
CAS: 947-19-3	1-Hydroxy-Cyclohexyl-Phneylketone
CAS: 108-32-7	propylene carbonate
CAS: 7631-86-9	silicon dioxide, chemically prepared
CAS: 63148-62-9	Polydimethylsiloxan
CAS: 162881-26-7	phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide
CAS: 57472-68-1	oxybis(methyl-2,1-ethanediyl) diacrylate
CAS: 3524-68-3	pentaerythritol triacrylate
CAS: 7328-17-8	2-(2-Ethoxyethoxy)ethylacrylat
CAS: 108-65-6	2-methoxy-1-methylethyl acetate
CAS: 52408-84-1	glycerol, propoxylated, esters with acrylic acid
CAS: 55818-57-0	4,4'-isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, esters with acrylic acid
CAS: 71011-26-2	Quaternary ammonium compounds,benzyl(hydrogenated tallow alkyl) dimethyl,chlorides, compds. with hectorite
CAS: 120-51-4	Benzyl benzoate
CAS: 97-88-1	n-butyl methacrylate
CAS: 68611-44-9	Kieselsäure hydrophobiert hochdisperse
CAS: 42978-66-5	tripropylene glycol diacrylate
CAS: 111-76-2	2-butoxyethanol
CAS: 79-10-7	acrylic acid
CAS: 14808-60-7	Quartz (SiO2)
CAS: 80-62-6	methyl methacrylate
CAS: 107-98-2	1-methoxy-2-propanol
CAS: 150-76-5	mequinol
CAS: 98-55-5	alpha-Terpineol
CAS: 138-86-3	dipentene
CAS: 586-62-9	terpinolene

**· TSCA new (21st Century Act) (Substances not listed)**

CAS: 84434-11-7 ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate

**· Proposition 65**

**· Chemicals known to cause cancer:**

CAS: 1333-86-4 Carbon black

CAS: 14808-60-7 Quartz (SiO2)

**· Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

**· Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

**· Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

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· **Carcinogeny categories**

· **EPA (Environmental Protection Agency)**

CAS: 111-76-2	2-butoxyethanol	NL
CAS: 80-62-6	methyl methacrylate	E, NL

· **TLV (Threshold Limit Value established by ACGIH)**

CAS: 14807-96-6	Talc (Mg3H2(SiO3)4)	A4
CAS: 1333-86-4	Carbon black	A4
CAS: 111-76-2	2-butoxyethanol	A3
CAS: 79-10-7	acrylic acid	A4
CAS: 14808-60-7	Quartz (SiO2)	A2
CAS: 80-62-6	methyl methacrylate	A4
CAS: 80-56-8	alpha-Pinene	A4

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

CAS: 1333-86-4	Carbon black
CAS: 14808-60-7	Quartz (SiO2)

· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms**



GHS07 GHS08

· **Signal word** Warning

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

hexamethylene diacrylate  
Carbon black  
ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate  
phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide  
oxybis(methyl-2,1-ethanediyl) diacrylate  
pentaerythritol triacrylate  
2-(2-Ethoxyethoxy)ethylacrylat  
glycerol, propoxylated, esters with acrylic acid  
4,4'-isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, esters with acrylic acid

· **Hazard statements**

Causes skin irritation.  
Causes serious eye irritation.  
May cause an allergic skin reaction.  
Suspected of causing cancer.

· **Precautionary statements**

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Avoid breathing dust/fume/gas/mist/vapors/spray  
Wash thoroughly after handling.  
Contaminated work clothing must not be allowed out of the workplace.  
Wear protective gloves/protective clothing/eye protection/face protection.  
If on skin: Wash with plenty of water.  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
IF exposed or concerned: Get medical advice/attention.  
Specific treatment (see on this label).  
Take off contaminated clothing and wash it before reuse.

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Printing date 01/08/2019

Reviewed on 01/08/2019

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If skin irritation or rash occurs: Get medical advice/attention.  
If eye irritation persists: Get medical advice/attention.  
Wash contaminated clothing before reuse.  
Store locked up.  
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:** Product safety department
- **Contact:** hse@printcolor.ch
- **Date of preparation / last revision** 01/08/2019 / 2
- **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)
  - 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)
  - 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
  - Skin Irrit. 2: Skin corrosion/irritation – Category 2
  - Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
  - Skin Sens. 1: Skin sensitisation – Category 1
  - Carc. 2: Carcinogenicity – Category 2

US