

Safety Data Sheet
acc. to OSHA HCS

Printing date 05/30/2022

Reviewed on 05/30/2022

1 Identification

- **Product identifier**
- **Trade name: Series 747**
- **Article number: Series 747**
- **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**



GHS02 Flame

Flammable Liquids 3 H226 Flammable liquid and vapor.



GHS08 Health hazard

Carcinogenicity 2 H351 Suspected of causing cancer. Route of exposure: Inhalation.
Toxic to Reproduction 2 H361 Suspected of damaging fertility or the unborn child.



GHS07

Skin Irritation 2 H315 Causes skin irritation.
Eye Irritation 2A H319 Causes serious eye irritation.
Sensitization - Skin 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**



GHS02



GHS07



GHS08

- **Signal word** Warning

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

titanium dioxide
dipentaerythritol hexaacrylate
diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide
2-hydroxyethyl methacrylate
2-phenoxyethyl acrylate
ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate

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tripropylene glycol diacrylate
phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide
hexamethylene diacrylate
glycerol, propoxylated, esters with acrylic acid

- **Hazard statements**

Flammable liquid and vapor.
Causes skin irritation.
Causes serious eye irritation.
May cause an allergic skin reaction.
Suspected of causing cancer. Route of exposure: Inhalation.
Suspected of damaging fertility or the unborn child.

- **Precautionary statements**

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
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 (or hair): 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.
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.
In case of fire: Use CO₂, powder or water spray to extinguish.
Store in a well-ventilated place. Keep cool.
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 = 2
Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**



Health = 2
Fire = 2
Reactivity = 0

- **Other hazards**

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

CAS: 123-86-4	n-butyl acetate	≥10-<20%
CAS: 29570-58-9	dipentaerythritol hexaacrylate	10-25%
CAS: 7727-43-7	barium sulphate, natural	≥2.5-≤10%
CAS: 868-77-9	2-hydroxyethyl methacrylate	≥2.5-<10%
CAS: 327622-75-3	Fatty acids, C18-unsatd., dimers, polymers with acrylic acid and 1,3,5-tris(2-hydroxyethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione	≥2.5-<10%
CAS: 7473-98-5	2-hydroxy-2-methylpropiophenone	≥2.5-≤10%
CAS: 48145-04-6	2-phenoxyethyl acrylate	1-2.5%
CAS: 63225-53-6	2-[[[(butylamino)carbonyl]oxy]ethyl acrylate	1-2.5%
CAS: 84434-11-7	ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate	1-2.5%
CAS: 1333-86-4	Carbon black	1-2.5%
CAS: 5888-33-5	exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate	≥1-≤2.5%
CAS: 163702-01-0	Oligo[2-hydroxy-2-methyl-1-[4-(1-methylvinyl)phenyl]propanone]	≥1-≤2.5%
CAS: 24599-21-1	2-(phosphonooxy)ethyl methacrylate	1-2.5%
CAS: 32435-46-4	bis(methacryloyloxyethyl) hydrogen phosphate	1-2.5%
CAS: 75980-60-8	diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	1-2.5%
CAS: 157811-87-5	Siloxanes and silicones, di-Me, hydrogen-terminated, reaction products with pentaerythritol tetraacrylate	≥0-≤2.5%
CAS: 4986-89-4	pentaerythritol tetraacrylate	≥1-≤2.5%
CAS: 42978-66-5	tripropylene glycol diacrylate	≥0.1-<0.5%
CAS: 162881-26-7	phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide	≥0.1-<0.5%
CAS: 52408-84-1	glycerol, propoxylated, esters with acrylic acid	≥0.1-<0.5%
CAS: 55818-57-0	4,4'-isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, esters with acrylic acid	≥0.1-<0.5%
CAS: 13048-33-4	hexamethylene diacrylate	≥0.1-<0.5%
CAS: 15625-89-5	2,2-bis(acryloyloxymethyl)butyl acrylate	≥0.1-<0.5%

4 First-aid measures

- **Description of first aid measures**
- **After inhalation:**
Supply fresh air and to be sure call for a doctor.
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.
- **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.

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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:** Wear self-contained respiratory protective device.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:**
Inform respective authorities in case of seepage into water course or sewage system.
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).
Ensure adequate ventilation.
Do not flush with water or aqueous cleansing agents
- **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: 123-86-4	n-butyl acetate	5 ppm
CAS: 13463-67-7	titanium dioxide	30 mg/m ³
CAS: 7727-43-7	barium sulphate, natural	15 mg/m ³
CAS: 868-77-9	2-hydroxyethyl methacrylate	1.9 mg/m ³
CAS: 1333-86-4	Carbon black	9 mg/m ³
CAS: 9002-84-0	Polytetrafluoroethylene	12 mg/m ³
CAS: 7631-86-9	silicon dioxide, chemically prepared	18 mg/m ³
CAS: 13048-33-4	hexamethylene diacrylate	3 mg/m ³
CAS: 1344-28-1	aluminium oxide	15 mg/m ³
CAS: 79-10-7	acrylic acid	1.5 ppm
CAS: 150-76-5	mequinol	15 mg/m ³
CAS: 603-35-0	triphenylphosphine	2.9 mg/m ³
CAS: 97-88-1	n-butyl methacrylate	19 mg/m ³
CAS: 123-31-9	1,4-dihydroxybenzene	3 mg/m ³
CAS: 80-62-6	methyl methacrylate	17 ppm
CAS: 556-67-2	octamethylcyclotetrasiloxane	30 ppm
CAS: 108-31-6	maleic anhydride	0.2 ppm
CAS: 71-43-2	benzene	52 ppm

- **PAC-2:**

CAS: 123-86-4	n-butyl acetate	200 ppm
CAS: 13463-67-7	titanium dioxide	330 mg/m ³
CAS: 7727-43-7	barium sulphate, natural	170 mg/m ³
CAS: 868-77-9	2-hydroxyethyl methacrylate	21 mg/m ³

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CAS: 1333-86-4	Carbon black	99 mg/m ³
CAS: 9002-84-0	Polytetrafluoroethylene	130 mg/m ³
CAS: 7631-86-9	silicon dioxide, chemically prepared	740 mg/m ³
CAS: 13048-33-4	hexamethylene diacrylate	170 mg/m ³
CAS: 1344-28-1	aluminium oxide	170 mg/m ³
CAS: 79-10-7	acrylic acid	46 ppm
CAS: 150-76-5	mequinol	49 mg/m ³
CAS: 603-35-0	triphenylphosphine	32 mg/m ³
CAS: 97-88-1	n-butyl methacrylate	210 mg/m ³
CAS: 123-31-9	1,4-dihydroxybenzene	20 mg/m ³
CAS: 80-62-6	methyl methacrylate	120 ppm
CAS: 556-67-2	octamethylcyclotetrasiloxane	68 ppm
CAS: 108-31-6	maleic anhydride	2 ppm
CAS: 71-43-2	benzene	800 ppm

PAC-3:

CAS: 123-86-4	n-butyl acetate	3000* ppm
CAS: 13463-67-7	titanium dioxide	2,000 mg/m ³
CAS: 7727-43-7	barium sulphate, natural	990 mg/m ³
CAS: 868-77-9	2-hydroxyethyl methacrylate	1,000 mg/m ³
CAS: 1333-86-4	Carbon black	590 mg/m ³
CAS: 9002-84-0	Polytetrafluoroethylene	790 mg/m ³
CAS: 7631-86-9	silicon dioxide, chemically prepared	4,500 mg/m ³
CAS: 13048-33-4	hexamethylene diacrylate	990 mg/m ³
CAS: 1344-28-1	aluminium oxide	990 mg/m ³
CAS: 79-10-7	acrylic acid	180 ppm
CAS: 150-76-5	mequinol	320 mg/m ³
CAS: 603-35-0	triphenylphosphine	540 mg/m ³
CAS: 97-88-1	n-butyl methacrylate	1,300 mg/m ³
CAS: 123-31-9	1,4-dihydroxybenzene	120 mg/m ³
CAS: 80-62-6	methyl methacrylate	570 ppm
CAS: 556-67-2	octamethylcyclotetrasiloxane	130 ppm
CAS: 108-31-6	maleic anhydride	20 ppm
CAS: 71-43-2	benzene	4000* ppm

7 Handling and storage

- **Handling:**

- **Precautions for safe handling**

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.

- **Conditions for safe storage, including any incompatibilities**

- **Storage:**

- **Requirements to be met by storerooms and receptacles:** No special requirements.

- **Information about storage in one common storage facility:** Not required.

- **Further information about storage conditions:** Keep receptacle tightly sealed.

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- **Storage class:** 3
- **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: 123-86-4 n-butyl acetate	
PEL	Long-term value: 710 mg/m ³ , 150 ppm
REL	Short-term value: 950 mg/m ³ , 200 ppm Long-term value: 710 mg/m ³ , 150 ppm
TLV	Short-term value: 150 ppm Long-term value: 50 ppm
CAS: 7727-43-7 barium sulphate, natural	
PEL	Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction
REL	Long-term value: 10* 5** mg/m ³ *total dust **respirable fraction
TLV	Long-term value: 5* mg/m ³ *inhalable fraction; E
CAS: 1333-86-4 Carbon black	
PEL	Long-term value: 3.5 mg/m ³
REL	Long-term value: 3.5* mg/m ³ *0.1 in presence of PAHs; See Pocket Guide Apps.A+C
TLV	Long-term value: 3* mg/m ³ *inhalable fraction, A3
CAS: 13048-33-4 hexamethylene diacrylate	
WEEL	Long-term value: 1 mg/m ³ DSEN
CAS: 15625-89-5 2,2-bis(acryloyloxymethyl)butyl acrylate	
WEEL	Long-term value: 1 mg/m ³ Skin

- **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.
- **Breathing equipment:** Not necessary if room is well-ventilated.
- **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.

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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.

· **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:**

Butyl rubber, BR

· **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

· **pH-value:** Not determined.

· **Change in condition**

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: Undetermined.

· **Flash point:** 44 °C (111.2 °F) (Abel Pensky)

· **Ignition temperature:** 370 °C (698 °F)

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

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

· **Explosion limits:**

Lower: 1.2 Vol %

Upper: 7.5 Vol %

· **Vapor pressure at 20 °C (68 °F):** 10.7 hPa (8 mm Hg)

· **Density at 20 °C (68 °F):** >1.55-1.57 g/cm³ (>12.93-13.1 lbs/gal)

· **Solubility in / Miscibility with**

Water: Not miscible or difficult to mix.

· **Viscosity:**

Dynamic: Not determined.

Kinematic: Not determined.

· **Solvent separation test**

VOC content: 15.27 %
>236.6-239.7 g/l / >1.97-2 lb/gal

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VOC (EC)	15.27 %
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:**

CAS: 123-86-4 n-butyl acetate

Oral	LD50	13,100 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rabbit)
Inhalative	LC50/4 h	>21 mg/l (rat)

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No 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: 13463-67-7	titanium dioxide	2B
CAS: 1333-86-4	Carbon black	2B
CAS: 9002-84-0	Polytetrafluoroethylene	3
CAS: 7631-86-9	silicon dioxide, chemically prepared	3
CAS: 128-37-0	Butylated hydroxytoluene	3
CAS: 15625-89-5	2,2-bis(acryloyloxymethyl)butyl acrylate	2B
CAS: 79-10-7	acrylic acid	3
CAS: 123-31-9	1,4-dihydroxybenzene	3
CAS: 80-62-6	methyl methacrylate	3
CAS: 71-43-2	benzene	1

- **NTP (National Toxicology Program)**

CAS: 71-43-2	benzene	K
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· **OSHA-Ca (Occupational Safety & Health Administration)**

CAS: 71-43-2 | benzene

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.
- **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

- | | |
|---|---------------------|
| · UN-Number | |
| · DOT, ADR, IMDG, IATA | UN1210 |
| · UN proper shipping name | |
| · DOT | Printing ink |
| · ADR | 1210 PRINTING INK |
| · IMDG, IATA | PRINTING INK |
| · Transport hazard class(es) | |
| · DOT | |
|  | |
| · Class | 3 Flammable liquids |


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· Label	3
· ADR, IMDG, IATA	
	
· Class	3 Flammable liquids
· Label	3
· Packing group	
· DOT, ADR, IMDG, IATA	III
· Environmental hazards:	
· Marine pollutant:	No
· Special precautions for user	Warning: Flammable liquids
· Hazard identification number (Kemler code):	30
· EMS Number:	F-E,S-D
· Stowage Category	A
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	
Not applicable.	
· Transport/Additional information:	
· ADR	
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· IMDG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· UN "Model Regulation":	UN 1210 PRINTING INK, 3, III

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
No further relevant information available.

- **Sara**

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

CAS: 123-31-9	1,4-dihydroxybenzene
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- **Section 313 (Specific toxic chemical listings):**

CAS: 7727-43-7	barium sulphate, natural
CAS: 1344-28-1	aluminium oxide
CAS: 79-10-7	acrylic acid
CAS: 123-31-9	1,4-dihydroxybenzene
CAS: 80-62-6	methyl methacrylate
CAS: 108-31-6	maleic anhydride
CAS: 71-43-2	benzene

- **TSCA (Toxic Substances Control Act):**

All components have the value ACTIVE.

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· Hazardous Air Pollutants

CAS: 79-10-7	acrylic acid
CAS: 123-31-9	1,4-dihydroxybenzene
CAS: 80-62-6	methyl methacrylate
CAS: 108-31-6	maleic anhydride
CAS: 71-43-2	benzene

· Proposition 65

· Chemicals known to cause cancer:

CAS: 1333-86-4	Carbon black
CAS: 15625-89-5	2,2-bis(acryloyloxymethyl)butyl acrylate

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for males:

CAS: 71-43-2	benzene
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· Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

· Cancerogeny categories

· EPA (Environmental Protection Agency)

CAS: 7727-43-7	barium sulphate, natural	D, CBD(inh), NL(oral)
CAS: 80-62-6	methyl methacrylate	E, NL
CAS: 71-43-2	benzene	A, K/L

· TLV (Threshold Limit Value)

CAS: 13463-67-7	titanium dioxide	A4
CAS: 1333-86-4	Carbon black	A4
CAS: 128-37-0	Butylated hydroxytoluene	A4
CAS: 1344-28-1	aluminium oxide	A4
CAS: 79-10-7	acrylic acid	A4
CAS: 123-31-9	1,4-dihydroxybenzene	A3
CAS: 80-62-6	methyl methacrylate	A4
CAS: 108-31-6	maleic anhydride	A4
CAS: 71-43-2	benzene	A1

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

CAS: 13463-67-7	titanium dioxide
CAS: 1333-86-4	Carbon black
CAS: 71-43-2	benzene

· GHS label elements

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

· Hazard pictograms



GHS02 GHS07 GHS08

· Signal word Warning

· Hazard-determining components of labeling:

titanium dioxide
dipentaerythritol hexaacrylate

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diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide
2-hydroxyethyl methacrylate
2-phenoxyethyl acrylate
ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate
tripropylene glycol diacrylate
phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide
hexamethylene diacrylate
glycerol, propoxylated, esters with acrylic acid

· **Hazard statements**

Flammable liquid and vapor.
Causes skin irritation.
Causes serious eye irritation.
May cause an allergic skin reaction.
Suspected of causing cancer. Route of exposure: Inhalation.
Suspected of damaging fertility or the unborn child.

· **Precautionary statements**

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
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 (or hair): 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.
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.
In case of fire: Use CO₂, powder or water spray to extinguish.
Store in a well-ventilated place. Keep cool.
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** 05/30/2022 / 3

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international 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

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)

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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
Flammable Liquids 3: Flammable liquids – Category 3
Skin Irritation 2: Skin corrosion/irritation – Category 2
Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A
Sensitization - Skin 1: Skin sensitisation – Category 1
Carcinogenicity 2: Carcinogenicity – Category 2
Toxic to Reproduction 2: Reproductive toxicity – Category 2

US