



1 Identification

- **Product identifier**
- **Trade name:** 5000 SUPER FAST CLEAR
- **Article number:** 5000
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
General Paint Co. SAL
P.O. Box 7623
Beirut
LEBANON
info@generalpaint.biz
- **Information department:** Product safety department
- **Emergency telephone number:** 1-800-535-5053

2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS02 Flame

Flam. Liq. 2 H225 Highly flammable liquid and vapor.



GHS08 Health hazard

Repr. 2 H361 Suspected of damaging fertility or the unborn child.

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.



GHS07

Skin Sens. 1 H317 May cause an allergic skin reaction.

STOT SE 3 H336 May cause drowsiness or dizziness.

- **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** *Danger*

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

n-butyl acetate

toluene

2,3-epoxypropyl neodecanoate

2-hydroxyethyl methacrylate

methyl methacrylate

bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate

(Contd. on page 2)



Safety Data Sheet

acc. to OSHA HCS

Printing date 10/21/2015

Reviewed on 05/02/2015

Trade name: 5000 SUPER FAST CLEAR

(Contd. of page 1)

methyl 1,2,2,6,6,6-pentamethyl-4-piperidyl sebacate
s-3-(3-(2h-benzotriazol-2-yl)-5-t-butyl-4-hydroxyphenyl)propionol-ohydroxypoly(oxyethylene);a-3-(3-(2h-benzotriazol-2-yl)-5-butyl-4-hydroxyphenyl)propionyl-o-3-(3-(2h-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene)

- **Hazard statements**

Highly flammable liquid and vapor.
May cause an allergic skin reaction.
Suspected of damaging fertility or the unborn child.
May cause drowsiness or dizziness.
May cause damage to organs through prolonged or repeated exposure.

- **Precautionary statements**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Use explosion-proof electrical/ventilating/lighting/equipment.
Do not breathe dust/fume/gas/mist/vapors/spray.
Wear protective gloves / eye protection / face protection.
Ground/bond container and receiving equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Use only outdoors or in a well-ventilated area.
Contaminated work clothing must not be allowed out of the workplace.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
Specific treatment (see on this label).
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Call a poison center/doctor if you feel unwell.
Wash contaminated clothing before reuse.
IF exposed or concerned: Get medical advice/attention.
If skin irritation or rash occurs: Get medical advice/attention.
Get medical advice/attention if you feel unwell.
In case of fire: Use for extinction: CO2, powder or water spray.
Store locked up.
Store in a well-ventilated place. Keep container tightly closed.
Store in a well-ventilated place. Keep cool.
Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Classification system:**

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



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

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

- **Other hazards**

- **Results of PBT and vPvB assessment**

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

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(Contd. on page 3)



Safety Data Sheet

acc. to OSHA HCS

Printing date 10/21/2015

Reviewed on 05/02/2015

Trade name: 5000 SUPER FAST CLEAR

(Contd. of page 2)

3 Composition/information on ingredients

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

- **Dangerous components:**

123-86-4	<i>n</i> -butyl acetate	25-50%
108-88-3	toluene	2.5-10%
108-65-6	2-methoxy-1-methylethyl acetate	½ 2.5%
41556-26-7	bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	½ 2.5%
80-62-6	methyl methacrylate	½ 2.5%
4008-30-7	<i>s</i> -3-(3-(2 <i>h</i> -benzotriazol-2-yl)-5- <i>t</i> -butyl-4-hydroxyphenyl)propionol- <i>o</i> -hydroxypoly(oxyethylene); <i>a</i> -3-(3-(2 <i>h</i> -benzotriazol-2-yl)-5-butyl-4-hydroxyphenyl)propionyl- <i>o</i> -3-(3-(2 <i>h</i> -benzotriazol-2-yl)-5- <i>tert</i> -butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene)	½ 2.5%
26761-45-5	2,3-epoxypropyl neodecanoate	½ 2.5%
82919-37-7	methyl 1,2,2,6,6,6-pentamethyl-4-piperidyl sebacate	½ 2.5%
868-77-9	2-hydroxyethyl methacrylate	½ 2.5%

4 First-aid measures

- **Description of first aid measures**
- **After inhalation:** *Supply fresh air; consult doctor in case of complaints.*
- **After skin contact:** *Generally the product does not irritate the skin.*
- **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.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** *CO₂, sand, extinguishing powder. Do not use water.*
- **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 product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.*

(Contd. on page 4)



Safety Data Sheet

acc. to OSHA HCS

Printing date 10/21/2015

Reviewed on 05/02/2015

Trade name: 5000 SUPER FAST CLEAR

(Contd. of page 3)

- **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.
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.

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:** 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.
- **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:

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: (950) NIC-712 mg/m ³ , (200) NIC-150 ppm Long-term value: (713) NIC-238 mg/m ³ , (150) NIC-50 ppm

108-88-3 toluene

PEL	Long-term value: 200 ppm Ceiling limit value: 300; 500* ppm *10-min peak per 8-hr shift
REL	Short-term value: 560 mg/m ³ , 150 ppm Long-term value: 375 mg/m ³ , 100 ppm
TLV	Long-term value: 75 mg/m ³ , 20 ppm BEI

(Contd. on page 5)



Safety Data Sheet

acc. to OSHA HCS

Printing date 10/21/2015

Reviewed on 05/02/2015

Trade name: 5000 SUPER FAST CLEAR

(Contd. of page 4)

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

WEEL Long-term value: 50 ppm

Ingredients with biological limit values:

108-88-3 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)

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

• **Exposure controls**

• **Personal protective equipment:**

• **General protective and hygienic measures:**

*Keep away from foodstuffs, beverages and feed.
 Wash hands before breaks and at the end of work.*

• **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.

• **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.

(Contd. on page 6)



Trade name: 5000 SUPER FAST CLEAR

(Contd. of page 5)

· Eye protection:



Tightly sealed goggles

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

Form:	<i>Liquid</i>
Color:	<i>Clear</i>
· Odor:	<i>Characteristic</i>
· Odour threshold:	<i>Not determined.</i>

· pH-value: *Not determined.*

· Change in condition

Melting point/Melting range:	<i>Undetermined.</i>
Boiling point/Boiling range:	<i>110 °C (230 °F)</i>

· Flash point: *4 °C (39 °F)*

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

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

· Decomposition temperature: *Not determined.*

· Auto igniting: *Product is not selfigniting.*

· Danger of explosion: *Product is not explosive. However, formation of explosive air/vapor mixtures are possible.*

· Explosion limits:

Lower:	<i>1.2 Vol %</i>
Upper:	<i>7.5 Vol %</i>

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

· Density at 20 °C (68 °F): *0.98 g/cm³ (8.178 lbs/gal)*

· Relative density: *Not determined.*

· Vapour 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:	<i>Not determined.</i>
Kinematic:	<i>Not determined.</i>

· Solvent content:

Organic solvents:	<i>53.1 %</i>
Coating VOC content:	<i>53.1 %</i>
	<i>520.3 g/l / 4.34 lb/gl</i>

(Contd. on page 7)



Trade name: 5000 SUPER FAST CLEAR

(Contd. of page 6)

Material VOC content:	520.3 g/l / 4.34 lb/gl
Solids content:	45.6 %
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	5000 mg/kg (rat)
Dermal	LD50	12 124 mg/kg (rabbit)
Inhalative	LC50/4 h	5320 mg/l (mouse)

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**

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

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

108-88-3	toluene	3
80-62-6	methyl methacrylate	3
1330-20-7	xylene	3
100-41-4	ethylbenzene	2B

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.

(Contd. on page 8)



Trade name: 5000 SUPER FAST CLEAR



(Contd. of page 7)

- **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:**
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.
Harmful to aquatic organisms
- **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** *UN1263*
- **UN proper shipping name**
- **DOT** *Paint*
- **ADR** *1263 Paint*
- **IMDG, IATA** *PAINT*
- **Transport hazard class(es)**
- **DOT**
- 
- **Class** *3 Flammable liquids*
- **Label** *3*
- **ADR, IMDG, IATA**
- 
- **Class** *3 Flammable liquids*

(Contd. on page 9)



Safety Data Sheet

acc. to OSHA HCS

Printing date 10/21/2015

Reviewed on 05/02/2015

Trade name: 5000 SUPER FAST CLEAR

(Contd. of page 8)

· Label	3
· Packing group	
· DOT, ADR, IMDG, IATA	II
· Environmental hazards:	
· Marine pollutant:	No
· Special precautions for user	Warning: Flammable liquids
· Danger code (Kemler):	33
· EMS Number:	F-E,S-E
· Transport in bulk according to Annex II of 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	
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 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":	UN1263, Paint, 3, II

15 Regulatory information

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

· Section 355 (extremely hazardous substances):

None of the ingredients is listed.

· Section 313 (Specific toxic chemical listings):

108-88-3	toluene
78-93-3	butanone
80-62-6	methyl methacrylate
1330-20-7	xylene
100-41-4	ethylbenzene

· TSCA (Toxic Substances Control Act):

123-86-4	n-butyl acetate
108-88-3	toluene
108-65-6	2-methoxy-1-methylethyl acetate
78-93-3	butanone
41556-26-7	bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate
80-62-6	methyl methacrylate

(Contd. on page 10)



Safety Data Sheet

acc. to OSHA HCS

Printing date 10/21/2015

Reviewed on 05/02/2015

Trade name: 5000 SUPER FAST CLEAR

(Contd. of page 9)

26761-45-5	2,3-epoxypropyl neodecanoate
82919-37-7	methyl 1,2,2,6,6,6-pentamethyl-4-piperidyl sebacate
868-77-9	2-hydroxyethyl methacrylate
79-41-4	methacrylic acid
64742-95-6	Solvent naphtha (petroleum), light arom.
78-83-1	butanol
77-58-7	dibutyltin dilaurate
556-67-2	octamethylcyclotetrasiloxane
1330-20-7	xylene

· **Proposition 65**

· **Chemicals known to cause cancer:**

100-41-4 ethylbenzene

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

108-88-3 toluene

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

None of the ingredients is listed.

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

108-88-3 toluene

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

108-88-3	toluene	II
78-93-3	butanone	I
80-62-6	methyl methacrylate	E, NL
1330-20-7	xylene	I
100-41-4	ethylbenzene	D

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

108-88-3	toluene	A4
80-62-6	methyl methacrylate	A4
77-58-7	dibutyltin dilaurate	A4
1330-20-7	xylene	A4
100-41-4	ethylbenzene	A3

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

None of the ingredients is listed.

· **GHS label elements**

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

· **Hazard pictograms**



GHS02 GHS07 GHS08

· **Signal word** *Danger*

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

n-butyl acetate

(Contd. on page 11)



Trade name: 5000 SUPER FAST CLEAR

(Contd. of page 10)

toluene
2,3-epoxypropyl neodecanoate
2-hydroxyethyl methacrylate
methyl methacrylate
bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate
methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate
s-3-(3-(2h-benzotriazol-2-yl)-5-t-butyl-4-hydroxyphenyl)propionol-ohydroxypoly(oxyethylene);a-3-(3-(2h-benzotriazol-2-yl)-5-butyl-4-hydroxyphenyl)propionyl-o-3-(3-(2h-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene)

· Hazard statements

Highly flammable liquid and vapor.
May cause an allergic skin reaction.
Suspected of damaging fertility or the unborn child.
May cause drowsiness or dizziness.
May cause damage to organs through prolonged or repeated exposure.

· Precautionary statements

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Use explosion-proof electrical/ventilating/lighting/equipment.
Do not breathe dust/fume/gas/mist/vapors/spray.
Wear protective gloves / eye protection / face protection.
Ground/bond container and receiving equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Use only outdoors or in a well-ventilated area.
Contaminated work clothing must not be allowed out of the workplace.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
Specific treatment (see on this label).
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Call a poison center/doctor if you feel unwell.
Wash contaminated clothing before reuse.
IF exposed or concerned: Get medical advice/attention.
If skin irritation or rash occurs: Get medical advice/attention.
Get medical advice/attention if you feel unwell.
In case of fire: Use for extinction: CO2, powder or water spray.
Store locked up.
Store in a well-ventilated place. Keep container tightly closed.
Store in a well-ventilated place. Keep cool.
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:** Ms. Topaljikian
- **Date of preparation / last revision** 10/21/2015 / -
- **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

(Contd. on page 12)



Safety Data Sheet

acc. to OSHA HCS

Printing date 10/21/2015

Reviewed on 05/02/2015

Trade name: 5000 SUPER FAST CLEAR

(Contd. of page 11)

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

Flam. Liq. 2: Flammable liquids, Hazard Category 2

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

Repr. 2: Reproductive toxicity, Hazard Category 2

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2

US