Reviewed on 06/21/2017

Printing date 06/28/2017

1 Identification

· Product identifier

· Trade name: 50501, 50504 EZ Finish Clear

· Article number: 50501, 50504

· Application of the substance / the mixture Coating

2 Hazard(s) identification

· Classification of the substance or mixture



GHS02 Flame

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



GHS08 Health hazard

Carc. 2 H351 Suspected of causing cancer.

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



GHS07

Eye Irrit. 2A H319 Causes serious eye irritation.

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

- · Signal word Danger
- · Hazard-determining components of labeling:

4-methylpentan-2-one

n-butyl acetate

(Contd. on page 2)

SEM

Printing date 06/28/2017 Reviewed on 06/21/2017

Trade name: 50501, 50504 EZ Finish Clear

(Contd. of page 1)

acetone

bis(1,2,2,6,6-Pentamethyl-4-piperidinyl) sebacate

· Hazard statements

H225 Highly flammable liquid and vapor.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H351 Suspected of causing cancer.

H361 Suspected of damaging fertility or the unborn child.

H336 May cause drowsiness or dizziness.

· Precautionary 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.
 P261 Avoid breathing dust/fume/gas/mist/vapors/spray
 P264 Wash thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P272 Contaminated work clothing must not be allowed out of the workplace.
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.

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).

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

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.

· Classification system:

· NFPA ratings (scale 0 - 4)



Health = 1 Fire = 3Reactivity = 0

· HMIS-ratings (scale 0 - 4)



(Contd. on page 3)



Printing date 06/28/2017 Reviewed on 06/21/2017

Trade name: 50501, 50504 EZ Finish Clear

(Contd. of page 2)

- · 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:	
123-86-4	n-butyl acetate	13 - 30%
67-64-1	acetone	13 - 30%
98-56-6	4-chloro-alpha,alpha,alpha-trifluorotoluene	7 - 10%
	4-methylpentan-2-one	7 - 10%
	isobutyl acetate	7 - 10%
	n-butyl propionate	1.5 - 5%
	ethyl 3-ethoxypropionate	1.5 - 5%
	2,6-dimethylheptan-4-one	1-1.5%
108-88-3	toluene	≤1%
41556-26-7	bis(1,2,2,6,6-Pentamethyl-4-piperidinyl) sebacate	≤1%
100-41-4	ethylbenzene	≤1%

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. 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.

(Contd. on page 4)



Printing date 06/28/2017 Reviewed on 06/21/2017

Trade name: 50501, 50504 EZ Finish Clear

(Contd. of page 3)

- · 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).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

- · 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

123-86-4	n-butyl acetate	5 ppm
67-64-1	acetone	200 ppm
108-10-1	4-methylpentan-2-one	75 ppm
110-19-0	isobutyl acetate	450 ppm
590-01-2	n-butyl propionate	34 mg/m.
763-69-9	ethyl 3-ethoxypropionate	1.6 ppm
108-83-8	2,6-dimethylheptan-4-one	75 ppm
108-88-3	toluene	67 ppm
1330-20-7	xylene	130 ppm
122-99-6	2-Phenoxyethanol	1.5 ppm
100-41-4	ethylbenzene	33 ppm
77-58-7	dibutyltin dilaurate	1.1 mg/n
PAC-2:		·
123-86-4	n-butyl acetate	200 ppm
67-64-1	acetone	3200* pp
108-10-1	4-methylpentan-2-one	500 ppm
110-19-0	isobutyl acetate	1300* pp
590-01-2	n-butyl propionate	370 mg/n
763-69-9	ethyl 3-ethoxypropionate	18 ppm
108-83-8	2,6-dimethylheptan-4-one	330 ppm
108-88-3	toluene	560 ppm
1330-20-7	xylene	920* ppn
122-99-6	2-Phenoxyethanol	16 ppm
100-41-4	ethylbenzene	1100* pp
	dibutyltin dilaurate	8 mg/m3

USA



Printing date 06/28/2017 Reviewed on 06/21/2017

Trade name: 50501, 50504 EZ Finish Clear

	(Contd. of page
· PAC-3:	
123-86-4 n-butyl acetate	3000* ppm
67-64-1 acetone	5700* ppm
108-10-1 4-methylpentan-2-one	3000* ppm
110-19-0 isobutyl acetate	7500** ppm
590-01-2 n-butyl propionate	990 mg/m3
763-69-9 ethyl 3-ethoxypropionate	110 ppm
108-83-8 2,6-dimethylheptan-4-one	2000* ppm
108-88-3 toluene	3700* ppm
1330-20-7 xylene	2500* ppm
122-99-6 2-Phenoxyethanol	97 ppm
100-41-4 ethylbenzene	1800* ppm
77-58-7 dibutyltin dilaurate	48 mg/m3

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 other constituents have no known exposure limits.

123-86-4 n-butyl acetate		
PEL Long-term value: 710 mg/m³, 150 ppm		
REL Long-term value: 950 mg/m³, 200 ppm		
TLV Short-term value: 712 mg/m³, 150 ppm Long-term value: 238 mg/m³, 50 ppm		

(Contd. on page 6)

SEM

Printing date 06/28/2017

Reviewed on 06/21/2017

Trade name: 50501, 50504 EZ Finish Clear

(7 (4 1 markama	(Contd. of pa
67-64-1 acetone	
PEL Long-term value: 2400 mg/m³, 1000 ppm	
REL Long-term value: 590 mg/m³, 250 ppm	
TLV Short-term value: 1187 mg/m³, 500 ppm Long-term value: 594 mg/m³, 250 ppm	
BEI	
108-10-1 4-methylpentan-2-one	
PEL Long-term value: 410 mg/m³, 100 ppm	
REL Short-term value: 300 mg/m³, 75 ppm	
Long-term value: 205 mg/m³, 50 ppm	
TLV Short-term value: 307 mg/m³, 75 ppm	
Long-term value: 82 mg/m³, 20 ppm	
BEI	
110-19-0 isobutyl acetate	
PEL Long-term value: 700 mg/m³, 150 ppm	
REL Long-term value: 700 mg/m³, 150 ppm	
TLV Short-term value: 172 mg/m³, 150 ppm	
Long-term value: 238 mg/m³, 50 ppm	
108-83-8 2,6-dimethylheptan-4-one	
PEL Long-term value: 290 mg/m³, 50 ppm	
REL Long-term value: 150 mg/m³, 25 ppm	
TLV Long-term value: 145 mg/m³, 25 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/m³, 150 ppm	
Long-term value: 375 mg/m ³ , 100 ppm	
TLV Long-term value: 75 mg/m³, 20 ppm	
BEI	
100-41-4 ethylbenzene	
PEL Long-term value: 435 mg/m³, 100 ppm	
REL Short-term value: 545 mg/m³, 125 ppm	
Long-term value: 435 mg/m³, 100 ppm	
TLV Long-term value: 87 mg/m³, 20 ppm BEI	
Ingredients with biological limit values:	
67-64-1 acetone	
BEI 50 mg/L	
Medium: urine	
Time: end of shift	
Parameter: Acetone (nonspecific)	(Contd. on pa

Reviewed on 06/21/2017

Printing date 06/28/2017

Trade name: 50501, 50504 EZ Finish Clear

(Contd. of page 6)

108-10-1 4-methylpentan-2-one

BEI 1 mg/L

Medium: urine Time: end of shift Parameter: MIBK

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)

100-41-4 ethylbenzene

BEI 0.7 g/g creatinine

Medium: urine

Time: end of shift at end of workweek

Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific, semi-quantitative)

Medium: end-exhaled air

Time: not critical

Parameter: Ethyl benzene (semi-quantitative)

- · 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.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

- · Breathing equipment: Not required.
- · Protection of hands:

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



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

(Contd. on page 8)

SEM

Printing date 06/28/2017

Reviewed on 06/21/2017

Trade name: 50501, 50504 EZ Finish Clear

· Material of gloves

(Contd. of page 7)

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.

· Eye protection:



Tightly sealed goggles

9 Physical	and	c	hemical	pro	nerties
> I hybrodi	unu	-	remitted	pio	permes

· Information of	n basic	physical	and	chemical	properties

· General Information

· Appearance:

Form: Liquid

Color: According to product specification

Odor: CharacteristicOdor threshold: Not determined.

· pH-value: Not determined.

· Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 55 °C

• Flash point: -18 °C

· Flammability (solid, gaseous): Not applicable.

· Ignition temperature: 370 °C

· Decomposition temperature: Not determined.

· Auto igniting: Product is not selfigniting.

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

· Explosion limits:

 Lower:
 1.2 Vol %

 Upper:
 13.0 Vol %

· Vapor pressure at 20 °C: 233 hPa

• Density at 20 °C: 0.96322 g/cm³
• Relative density Not determined.

Vapor density
 Evaporation rate
 Not determined.
 Not determined.

· Solubility in / Miscibility with

Water: Not miscible or difficult to mix.

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

(Contd. on page 9)



Printing date 06/28/2017 Reviewed on 06/21/2017

Trade name: 50501, 50504 EZ Finish Clear

	(C	ontd. of page 8)
· Viscosity:		
Dynamic:	Not determined.	
Kinematic:	Not determined.	
· Solvent content:		
Organic solvents:	67.7 %	
VOC content:	42.0 %	
	549.4 g/l / 4.58 lb/gl	
Solids content:	32.1 %	
· 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:
- · Primary irritant effect:
- · on the skin: No irritant effect.
- · 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)		
108-10-1	4-methylpentan-2-one	2B
108-88-3	toluene	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.

10)

Reviewed on 06/21/2017

Printing date 06/28/2017

Trade name: 50501, 50504 EZ Finish Clear

(Contd. of page 9)

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.

14 Transport information

	.Nun	

· DOT, ADR, IMDG, IATA UN1263

· UN proper shipping name

 $\cdot DOT$

 $\cdot ADR$ 1263 Paint, special provision 640D

· IMDG, IATA **PAINT**

- · Transport hazard class(es)
- $\cdot DOT$



· Class 3 Flammable liquids

· Label

(Contd. on page 11)

Reviewed on 06/21/2017

Printing date 06/28/2017

Trade name: 50501, 50504 EZ Finish Clear

(Contd. of page 10)

	(conta. or pug
ADR, IMDG, IATA	
<u>"</u>	
3	
Class	3 Flammable liquids
Label	3 Frantitatie tiquias
Packing group	11
DOT, ADR, IMDG, IATA	II
Environmental hazards:	
Marine pollutant:	No
Special precautions for user	Warning: Flammable liquids
EMS Number:	F- E , S - E
Stowage Category	B $\overline{}$
Transport in bulk according to Annex II	Tof
MARPOL73/78 and the IBC Code	Not applicable.
Transport/Additional information:	
-	
DOT	On magana an ainmaft/mail, 5 I
Quantity limitations	On passenger aircraft/rail: 5 L On cargo aircraft only: 60 L
	On cargo aircraft only. 00 L
ADR	G 1 F2
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

15 Regulatory information

- · Safety, health and environmental regulations/legislation specific for the substance or mixture
- · Section 355 (extremely hazardous substances):

None of the ingredient is listed.

· Section 313 (Specific toxic chemical listings):

108-10-1	4-methylpentan-2-one
108-88-3	toluene
1330-20-7	xylene

122-99-6 2-Phenoxyethanol

100-41-4 ethylbenzene

(Contd. on page 12)

Page 12/14

SEM

Reviewed on 06/21/2017

Printing date 06/28/2017

Trade name: 50501, 50504 EZ Finish Clear

104-68-7	Diethylene glycol monophenyl ether	(Contd. of page
	ic Substances Control Act):	
	n-butyl acetate	
	acetone	
	4-chloro-alpha,alpha,alpha-trifluorotoluene	
	4-methylpentan-2-one	
	isobutyl acetate	
	n-butyl propionate	
	ethyl 3-ethoxypropionate	
	2,6-dimethylheptan-4-one	
108-88-3	· ·	
1330-20-7	xylene	
	UV Absorber	
19549-80-5	4,6-dimethylheptan-2-one	
	bis(1,2,2,6,6-Pentamethyl-4-piperidinyl) sebacate	
	2-Phenoxyethanol	
	ethylbenzene	
	Methyl (1,2,2,6,6,- pentamethyl-4-piperidinyl) sebacate	
	Diethylene glycol monophenyl ether	
	Dimethyl sebacate(Impurity)	
	dibutyltin dilaurate	
	4-Piperidinol, 1,2,2,6,6 pentamethyl- (Impurity)	
Proposition		
	known to cause cancer:	
108-10-1	4-methylpentan-2-one	
1330-20-7	xylene	
100-41-4	ethylbenzene	
Chemicals	known to cause reproductive toxicity for females:	
None of the	ingredients is listed.	
Chemicals I	known to cause reproductive toxicity for males:	
	ingredients is listed.	
Chemicals	known to cause developmental toxicity:	
	-methylpentan-2-one	
108-88-3 to		
Canceroger	nity categories	
	conmental Protection Agency)	
67-64-1		
108-10-1	4-methylpentan-2-one	
108-88-3	r 1	
1330-20-7	- xylene	



Printing date 06/28/2017

Reviewed on 06/21/2017

Trade name: 50501, 50504 EZ Finish Clear

(Contd. of page 12)

· TLV (Threshold Limit Value established by ACGIH)			
67-64-1		A4	
108-88-3	toluene	A4	
1330-20-7	xylene	A4	
100-41-4	ethylbenzene	<i>A3</i>	
77-58-7	dibutyltin dilaurate	A4	

· 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

- · Signal word Danger
- · Hazard-determining components of labeling:

4-methylpentan-2-one

n-butyl acetate

acetone

bis(1,2,2,6,6-Pentamethyl-4-piperidinyl) sebacate

· Hazard statements

H225 Highly flammable liquid and vapor.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H351 Suspected of causing cancer.

H361 Suspected of damaging fertility or the unborn child.

H336 May cause drowsiness or dizziness.

· Precautionary 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.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing must not be allowed out of the workplace.
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.

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.

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).

(Contd. on page 14)



Printing date 06/28/2017 Reviewed on 06/21/2017

Trade name: 50501, 50504 EZ Finish Clear

(Contd. of page 13)

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

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.
- · Date of preparation / last revision 06/28/2017 / 9
- · 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)

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

ICAO: International Civil Aviation Organisation

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

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

BEI: Biological Exposure Limit

Flam. Liq. 2: Flammable liquids - Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation - Category 2A

Skin Sens. 1: Skin sensitisation - Category 1

Carc. 2: Carcinogenicity - Category 2

Repr. 2: Reproductive toxicity – Category 2 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

* Data compared to the previous version altered.

- US