Safety Data Sheet
acc. to OSHA HCS

Printing date 09/04/2023 Reviewed on 09/04/2023

*
1 Identification

· **Product identifier**

· **Trade name: Mipa Neon**
· **Application of the substance / the mixture** Paint

· **Details of the supplier of the safety data sheet**
· **Manufacturer/Supplier:**

MIPA SE
Am Oberen Moos 1
D-84051 Essenbach
Tel.: +49(0)8703-922-0
Fax.: +49(0)8703-922-100
e-mail: sdb-registratur@mipa-paints.com
www.mipa-paints.com

Fleetwood Products Inc.
13 American Way Suite 15
USA - NJ 08884 Spotswood
Tel.: +1 7324169590
e.mail: fleet089@hotmail.com

· **Emergency telephone number:**
International: 011 49(0)700 24112112 (MIP)
US: +1 872 5888271 (MIP)
US Emergency Telephone Number (for transportation incidents only): 1-800-535-5053 (Infotrac)

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2 Hazard(s) identification

· **Classification of the substance or mixture**

GHS02 Flame

Flammable Liquids 3	H226 Flammable liquid and vapor.

GHS08 Health hazard

Specific Target Organ Toxicity - Repeated Exposure 2	H373 May cause damage to organs through prolonged or repeated exposure.

GHS07

Eye Irritation 2A	H319 Causes serious eye irritation.
Sensitization - Skin 1	H317 May cause an allergic skin reaction.
Specific Target Organ Toxicity - Single Exposure 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** Warning

· **Hazard-determining components of labeling:**
n-Butyl acetate
Xylene
maleic anhydride

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Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

· **Hazard statements**
H226 Flammable liquid and vapor.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H336 May cause drowsiness or dizziness.
H373 May cause damage to organs through prolonged or repeated exposure.

· **Precautionary statements**
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P260 Do not breathe dust/fume/gas/mist/vapors/spray.
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.

· **Classification system:**
· **NFPA ratings (scale 0 - 4)**

Health = 2
Fire = 3
Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**

Health = *2
Fire = 3
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:**		
123-86-4	n-Butyl acetate	25-50%
	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	2.5-<10%
112-07-2	2-Butoxyethyl acetate	5-<10%
108-65-6	2-Methoxy-1-methylethyl acetate	2.5-<10%
1330-20-7	Xylene	2.5-<5%
71-36-3	Butan-1-ol	≥1-<2.5%
85711-46-2	Fatty acids, C14-18 and C16-18-unsatd., maleated	≥0.1-<1%
108-31-6	maleic anhydride	≥0.001-<0.1%

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4 First-aid measures

· **Description of first aid measures**
· **General information:** Immediately remove any clothing soiled by the product.

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· ***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 rinse with water.*
· ***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***
During heating or in case of fire poisonous gases are produced.
· ***Advice for firefighters***
· ***Protective equipment:*** *Mouth respiratory protective device.*

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6 Accidental release measures

· ***Personal precautions, protective equipment and emergency procedures***
Mount respiratory protective device.
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 section 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***

· ***PAC-1:***		
123-86-4	n-Butyl acetate	5 ppm
112-07-2	2-Butoxyethyl acetate	15 ppm
108-65-6	2-Methoxy-1-methylethyl acetate	50 ppm
7727-43-7	Barium sulfate, natural	15 mg/m³
1330-20-7	Xylene	130 ppm
1309-37-1	Diiron trioxide	15 mg/m³
71-36-3	Butan-1-ol	60 ppm
100-41-4	Ethylbenzene	33 ppm
7631-86-9	Silicon dioxide, chemically prepared	18 mg/m³
64-17-5	ethanol	1,800 ppm
112945-52-5	Silicon dioxide	18 mg/m³

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1333-86-4	Carbon black	9 mg/m³
34590-94-8	Dipropylene glycol monomethyl ether	150 ppm
80-62-6	methyl methacrylate	17 ppm
108-88-3	Toluene	67 ppm
108-83-8	2,6-dimethylheptan-4-one	75 ppm
97-88-1	n-butyl methacrylate	19 mg/m³
14808-60-7	Quartz (SiO2)	0.075 mg/m³
78-93-3	Methyl ethyl ketone	200 ppm
108-31-6	maleic anhydride	0.2 ppm
78-83-1	Isobutanol	150 ppm
107-98-2	1-methoxy-2-propanol	100 ppm
14808-60-7	Quartz (SiO2)	0.075 mg/m³
540-97-6	Dodecamethylcyclohexasiloxane	150 mg/m³
556-67-2	octamethylcyclotetrasiloxane	30 ppm

· **PAC-2:**

123-86-4	n-Butyl acetate	200 ppm
112-07-2	2-Butoxyethyl acetate	35 ppm
108-65-6	2-Methoxy-1-methylethyl acetate	1,000 ppm
7727-43-7	Barium sulfate, natural	170 mg/m³
1330-20-7	Xylene	920* ppm
1309-37-1	Diiron trioxide	360 mg/m³
71-36-3	Butan-1-ol	800 ppm
100-41-4	Ethylbenzene	1100* ppm
7631-86-9	Silicon dioxide, chemically prepared	740 mg/m³
64-17-5	ethanol	3300* ppm
112945-52-5	Silicon dioxide	100 mg/m³
1333-86-4	Carbon black	99 mg/m³
34590-94-8	Dipropylene glycol monomethyl ether	1700* ppm
80-62-6	methyl methacrylate	120 ppm
108-88-3	Toluene	560 ppm
108-83-8	2,6-dimethylheptan-4-one	330 ppm
97-88-1	n-butyl methacrylate	210 mg/m³
14808-60-7	Quartz (SiO2)	33 mg/m³
78-93-3	Methyl ethyl ketone	2700* ppm
108-31-6	maleic anhydride	2 ppm
78-83-1	Isobutanol	1,300 ppm
107-98-2	1-methoxy-2-propanol	160 ppm
14808-60-7	Quartz (SiO2)	33 mg/m³
540-97-6	Dodecamethylcyclohexasiloxane	1,700 mg/m³
556-67-2	octamethylcyclotetrasiloxane	68 ppm

· **PAC-3:**

123-86-4	n-Butyl acetate	3000* ppm
112-07-2	2-Butoxyethyl acetate	210 ppm
108-65-6	2-Methoxy-1-methylethyl acetate	5000* ppm
7727-43-7	Barium sulfate, natural	990 mg/m³

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1330-20-7	Xylene	2500* ppm
1309-37-1	Diiron trioxide	2,200 mg/m³
71-36-3	Butan-1-ol	8000** ppm
100-41-4	Ethylbenzene	1800* ppm
7631-86-9	Silicon dioxide, chemically prepared	4,500 mg/m³
64-17-5	ethanol	15000* ppm
112945-52-5	Silicon dioxide	630 mg/m³
1333-86-4	Carbon black	590 mg/m³
34590-94-8	Dipropylene glycol monomethyl ether	9900** ppm
80-62-6	methyl methacrylate	570 ppm
108-88-3	Toluene	3700* ppm
108-83-8	2,6-dimethylheptan-4-one	2000* ppm
97-88-1	n-butyl methacrylate	1,300 mg/m³
14808-60-7	Quartz (SiO2)	200 mg/m³
78-93-3	Methyl ethyl ketone	4000* ppm
108-31-6	maleic anhydride	20 ppm
78-83-1	Isobutanol	8000* ppm
107-98-2	1-methoxy-2-propanol	660 ppm
14808-60-7	Quartz (SiO2)	200 mg/m³
540-97-6	Dodecamethylcyclohexasiloxane	9,900 mg/m³
556-67-2	octamethylcyclotetrasiloxane	130 ppm

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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.
Keep respiratory protective device available.

· **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:** Store away from foodstuffs.
· **Further information about storage conditions:** Keep receptacle tightly sealed.
· **Storage class:** 3
· **Specific end use(s)** No further relevant information available.

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8 Exposure controls/personal protection

· **Additional information about design of technical systems:** No further data; see section 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.

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123-86-4 n-Butyl acetate	
PEL	Long-term value: 710 mg/m³, 150 ppm
REL	Short-term value: 950 mg/m³, 200 ppm Long-term value: 710 mg/m³, 150 ppm
TLV	Short-term value: 150 ppm Long-term value: 50 ppm
112-07-2 2-Butoxyethyl acetate	
REL	Long-term value: 33 mg/m³, 5 ppm
TLV	Long-term value: 20 ppm A3
108-65-6 2-Methoxy-1-methylethyl acetate	
WEEL	Long-term value: 50 ppm
1330-20-7 Xylene	
PEL	Long-term value: 435 mg/m³, 100 ppm
REL	Short-term value: 655 mg/m³, 150 ppm Long-term value: 435 mg/m³, 100 ppm
TLV	Long-term value: 20 ppm BEI, A4
71-36-3 Butan-1-ol	
PEL	Long-term value: 300 mg/m³, 100 ppm
REL	Ceiling limit value: 150 mg/m³, 50 ppm Skin
TLV	Long-term value: 20 ppm
108-31-6 maleic anhydride	
PEL	Long-term value: 1 mg/m³, 0.25 ppm
REL	Long-term value: 1 mg/m³, 0.25 ppm
TLV	Long-term value: 0.01* mg/m³ DSEN, RSEN;*inh. fraction + vapor, A4

· **Ingredients with biological limit values:**

1330-20-7 Xylene	
BEI	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids

· **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.
Store protective clothing separately.
Avoid contact with the eyes.
Avoid contact with the eyes and skin.
· **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.

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· **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.

· **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.

· **Breakthrough 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

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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:	124-128 °C (255.2-262.4 °F)
· **Flash point:**	24 °C (75.2 °F) (DIN 53213)
· **Flammability (solid, gaseous):**	Flammable.
· **Auto igniting:**	280 °C (536 °F) (DIN 51794)
· **Decomposition temperature:**	Not determined.
· **Ignition temperature:**	Product is not selfigniting.
· **Danger of explosion:**	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
· **Explosion limits:**	
Lower:	1.2 Vol %
Upper:	7.5 Vol %
· **Vapor pressure at 20 °C (68 °F):**	10.7 hPa (8 mm Hg)

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· **Vapor pressure at 50 °C (122 °F):**	55 hPa (41.3 mm Hg)
· **Density at 20 °C (68 °F):**	1.014 g/cm³ (8.462 lbs/gal) (DIN 53217)
· **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 at 20 °C (68 °F):	130-140 s (DIN 53211/4)
· **Solvent content:**	
VOC content:	66.35 % 673 g/l / 5.6 lb/gal
Solids content (weight-%):	33.7 %
· **Other information**	No further relevant information available.

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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:** Carbon monoxide

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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)**		
1330-20-7	Xylene	3
1309-37-1	Diiron trioxide	3
100-41-4	Ethylbenzene	2B
7631-86-9	Silicon dioxide, chemically prepared	3
14807-96-6	Talc	3
64-17-5	ethanol	1

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1333-86-4	Carbon black	2B

· **NTP (National Toxicology Program)**

14808-60-7	Quartz (SiO2)	K
14808-60-7	Quartz (SiO2)	K

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

None of the ingredients is listed.

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12 Ecological information

· **Toxicity**
· **Aquatic toxicity:** No further relevant information available.
· **Persistence and degradability** No further relevant information available.
· **Behavior in environmental systems:**
· **Bioaccumulative potential** No further relevant information available.
· **Mobility in soil** No further relevant information available.
· **Additional ecological information:**
· **General notes:**
Water hazard class 1 (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
· **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.

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14 Transport information

· **UN-Number**
· **DOT, ADR, IMDG, IATA** UN1263

· **UN proper shipping name**
· **DOT** Paint
· **ADR** UN1263 PAINT
· **IMDG, IATA** PAINT

· **Transport hazard class(es)**

· **DOT**

· **Class** 3 Flammable liquids

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· **Label**	3
· **ADR**	
	
· **Class**	3 (F1) Flammable liquids
· **Label**	3
· **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-E
· **Stowage Category**	A
· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**	Not applicable.
· **Transport/Additional information:**	
· **ADR**	
· **Limited quantities (LQ)**	5L
· **Remarks:**	≤ 450 l: 2.2.3.1.5 ADR
· **IMDG**	
· **Limited quantities (LQ)**	5L
· **Remarks:**	≤ 30 l: 2.2.3.5 IMDG-Code
· **UN "Model Regulation":**	UN 1263 PAINT, 3, III

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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):**

112-07-2	2-Butoxyethyl acetate
1330-20-7	Xylene
71-36-3	Butan-1-ol
108-31-6	maleic anhydride

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· **Hazardous Air Pollutants**

1330-20-7	Xylene
108-31-6	maleic anhydride

· **Proposition 65**

· **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:**

64-17-5	ethanol
108-88-3	Toluene

· **Cancerogenity categories**

· **EPA (Environmental Protection Agency)**

1330-20-7	Xylene	I
71-36-3	Butan-1-ol	D

· **TLV (Threshold Limit Value)**

112-07-2	2-Butoxyethyl acetate	A3	5-<10%
1330-20-7	Xylene	A4	2.5-<5%
108-31-6	maleic anhydride	A4	≥0.001-<0.1%

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

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

· **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:**
n-Butyl acetate
Xylene
maleic anhydride
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics
· **Hazard statements**
H226 Flammable liquid and vapor.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H336 May cause drowsiness or dizziness.
H373 May cause damage to organs through prolonged or repeated exposure.
· **Precautionary statements**
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P260 Do not breathe dust/fume/gas/mist/vapors/spray.
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.

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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.

· **National regulations:**
· **Additional classification according to Decree on Hazardous Materials:**

Class	Share in %
NK	50-100

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

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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.

· **Contact:**
· **Date of preparation / last revision** 09/04/2023
· **Abbreviations and acronyms:**
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
ICAO: International Civil Aviation Organisation
ADR: Accord 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)
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
Flammable Liquids 3: Flammable liquids – Category 3
Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A
Sensitization - Skin 1: Skin sensitisation – Category 1
Specific Target Organ Toxicity - Single Exposure 3: Specific target organ toxicity (single exposure) – Category 3
Specific Target Organ Toxicity - Repeated Exposure 2: Specific target organ toxicity (repeated exposure) – Category 2
· *** Data compared to the previous version altered.**