

* 1 Identification

- **Product identifier**
- **Trade name: 5452-01,-04 Maxx Fill 2K High Build Urethane Primer-Surfacer- 2.1 VOC - Gray (Gallon & Quart)**
- **Article number: 5452**
- **Application of the substance / the mixture** Coating
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Manufactured for: IAMG International Autobody Marketing Group, 1505 North Hayden Road, Ste.111, Scottsdale, AZ 85257
Information phone : 480.451.4451
- **Information department: 1-87-REFINISH**
- **Emergency telephone number: CHEMTREC 1-800-424-9300**

* 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS02 Flame

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



GHS07

Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2A H319 Causes serious eye irritation.
STOT SE 3 H335 May cause respiratory irritation.

- **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-chloro-alpha,alpha,alpha-trifluorotoluene
Talc
montmorilontie clay complex
- **Hazard statements**
H225 Highly flammable liquid and vapor.
H315 Causes skin irritation.

Trade name: 5452-01,-04 Maxx Fill 2K High Build Urethane Primer-Surfacers- 2.1 VOC - Gray (Gallon & Quart)

(Contd. of page 1)

H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

Precautionary statements

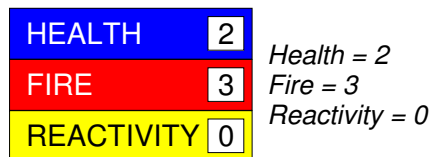
- P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
- P240 Ground/bond container and receiving equipment.
- P241 Use explosion-proof electrical/ventilating/lighting/equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P261 Avoid breathing dust/fume/gas/mist/vapors/spray
- P264 Wash thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area.
- 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.
- P312 Call a poison center/doctor if you feel unwell.
- P321 Specific treatment (see on this label).
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- 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)



HMS-ratings (scale 0 - 4)



Other hazards

Results of PBT and vPvB assessment

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

Trade name: 5452-01,-04 Maxx Fill 2K High Build Urethane Primer-Surfacer- 2.1 VOC - Gray (Gallon & Quart)

(Contd. of page 2)

* 3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

· **Description:**

Mixture: consisting of the following components.

Weight percentages

· **Dangerous components:**

7727-43-7 barium sulphate, natural	30-40%
98-56-6 4-chloro-alpha,alpha,alpha-trifluorotoluene	10-13%
14807-96-6 Talc	≥7-<10%
123-86-4 n-butyl acetate	≥7-<10%
67-64-1 acetone	≥7-<10%
540-88-5 tert-butyl acetate	1.5-5%
68911-87-5 montmorilontie clay complex	1.5-5%
1330-20-7 xylene	1-1.5%

* 4 First-aid measures

· **Description of first aid measures**

· **After inhalation:** 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.

· **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).

Ensure adequate ventilation.

(Contd. on page 4)

USA

Printing date 04/09/2018

Reviewed on 10/25/2016

Trade name: 5452-01,-04 Maxx Fill 2K High Build Urethane Primer-Surfacers- 2.1 VOC - Gray (Gallon & Quart)

(Contd. of page 3)

· **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:**

7727-43-7 barium sulphate, natural	15 mg/m ³
123-86-4 n-butyl acetate	5 ppm
67-64-1 acetone	200 ppm
13463-67-7 titanium dioxide	30 mg/m ³
540-88-5 tert-butyl acetate	600 ppm
1330-20-7 xylene	130 ppm
67-56-1 methanol	530 ppm
1333-86-4 Carbon black	9 mg/m ³
100-41-4 ethylbenzene	33 ppm
77-58-7 dibutyltin dilaurate	1.1 mg/m ³
108-83-8 2,6-dimethylheptan-4-one	75 ppm
78-83-1 butanol	150 ppm
57-55-6 Propylene glycol	30 mg/m ³

· **PAC-2:**

7727-43-7 barium sulphate, natural	170 mg/m ³
123-86-4 n-butyl acetate	200 ppm
67-64-1 acetone	3200* ppm
13463-67-7 titanium dioxide	330 mg/m ³
540-88-5 tert-butyl acetate	1,700 ppm
1330-20-7 xylene	920* ppm
67-56-1 methanol	2,100 ppm
1333-86-4 Carbon black	99 mg/m ³
100-41-4 ethylbenzene	1100* ppm
77-58-7 dibutyltin dilaurate	8 mg/m ³
108-83-8 2,6-dimethylheptan-4-one	330 ppm
78-83-1 butanol	1,300 ppm
57-55-6 Propylene glycol	1,300 mg/m ³

· **PAC-3:**

7727-43-7 barium sulphate, natural	990 mg/m ³
123-86-4 n-butyl acetate	3000* ppm
67-64-1 acetone	5700* ppm
13463-67-7 titanium dioxide	2,000 mg/m ³
540-88-5 tert-butyl acetate	10,000 ppm
1330-20-7 xylene	2500* ppm
67-56-1 methanol	7200* ppm
1333-86-4 Carbon black	590 mg/m ³
100-41-4 ethylbenzene	1800* ppm

(Contd. on page 5)

USA

Trade name: 5452-01,-04 Maxx Fill 2K High Build Urethane Primer-Surfacer- 2.1 VOC - Gray (Gallon & Quart)

77-58-7 dibutyltin dilaurate
108-83-8 2,6-dimethylheptan-4-one
78-83-1 butanol
57-55-6 Propylene glycol

(Contd. of page 4)
48 mg/m³
2000* ppm
8000* ppm
7,900 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.
- **7727-43-7 barium sulphate, natural**
PEL Long-term value: 15* 5** mg/m³
*total dust **respirable fraction
REL Long-term value: 10* 5** mg/m³
*total dust **respirable fraction
TLV Long-term value: 5* mg/m³
*inhalable fraction; E
- **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
- **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

Trade name: 5452-01,-04 Maxx Fill 2K High Build Urethane Primer-Surfacer- 2.1 VOC - Gray (Gallon & Quart)

(Contd. of page 5)

540-88-5 tert-butyl acetate

PEL Long-term value: 950 mg/m³, 200 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

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 Short-term value: 651 mg/m³, 150 ppm
Long-term value: 434 mg/m³, 100 ppm
BEI

Ingredients with biological limit values:

67-64-1 acetone

BEI 50 mg/L

Medium: urine

Time: end of shift

Parameter: Acetone (nonspecific)

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.

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.

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.

(Contd. on page 7)

USA

Trade name: 5452-01,-04 Maxx Fill 2K High Build Urethane Primer-Surfacers- 2.1 VOC - Gray (Gallon & Quart)

(Contd. of page 6)

· **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.

· **Eye protection:**



Tightly sealed goggles

* 9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form:

Liquid

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:

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:

1.1 Vol %

Upper:

7 Vol %

· **Vapor pressure at 20 °C:**

6.7 hPa

· **Density at 20 °C:**

1.73256 g/cm³

· **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.

(Contd. on page 8)
USA

Trade name: 5452-01,-04 Maxx Fill 2K High Build Urethane Primer-Surfacer- 2.1 VOC - Gray (Gallon & Quart)

(Contd. of page 7)

Kinematic:	Not determined.
Solvent content:	
Organic solvents:	30.4 %
VOC content:	9.04 %
	154.0 g/l / 1.29 lb/gl
Solids content:	69.5 %
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:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **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)**

14807-96-6 Talc	3
13463-67-7 titanium dioxide	2B
1330-20-7 xylene	3
1333-86-4 Carbon black	2B
100-41-4 ethylbenzene	2B
- **NTP (National Toxicology Program)**
None of the ingredients is listed.
- **OSHA-Ca (Occupational Safety & Health Administration)**
68911-87-5 montmorillonite clay complex

USA
(Contd. on page 9)

Trade name: 5452-01,-04 Maxx Fill 2K High Build Urethane Primer-Surfacers- 2.1 VOC - Gray (Gallon & Quart)

(Contd. of page 8)

*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

- **UN-Number**
- **DOT, ADR, IMDG, IATA** UN1993
- **UN proper shipping name**
- **DOT** Flammable liquids, n.o.s. (Acetone, Butyl acetates)
- **ADR** 1993 Flammable liquids, n.o.s. (Acetone, Butyl acetates), special provision 640D
- **IMDG, IATA** FLAMMABLE LIQUID, N.O.S. (ACETONE, BUTYL ACETATES)
- **Transport hazard class(es)**
- **DOT**



- **Class** 3 Flammable liquids

(Contd. on page 10)
USA

Trade name: 5452-01,-04 Maxx Fill 2K High Build Urethane Primer-Surfacers- 2.1 VOC - Gray (Gallon & Quart)

(Contd. of page 9)

· **Label** 3

· **ADR, IMDG, IATA**



· **Class** 3 Flammable liquids

· **Label** 3

· **Packing group**

· **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

· **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

· **Remarks** ORM-D 49CFR 173.150,156,306

· **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)** 1L

· **Excepted quantities (EQ)** Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

· **UN "Model Regulation":** UN 1993 FLAMMABLE LIQUIDS, N.O.S., SPECIAL PROVISION 640D (ACETONE, BUTYL ACETATES), 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 ingredient is listed.

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

7727-43-7 barium sulphate, natural

(Contd. on page 11)

USA

Printing date 04/09/2018

Reviewed on 10/25/2016

Trade name: 5452-01,-04 Maxx Fill 2K High Build Urethane Primer-Surfacer- 2.1 VOC - Gray (Gallon & Quart)

(Contd. of page 10)

Acrylic Resin

- 14807-96-6 Talc
- 1330-20-7 xylene
- 67-56-1 methanol
- 100-41-4 ethylbenzene

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

- 7727-43-7 barium sulphate, natural
- 98-56-6 4-chloro-alpha,alpha,alpha-trifluorotoluene
- 14807-96-6 Talc
- 123-86-4 n-butyl acetate
- 67-64-1 acetone
- 13463-67-7 titanium dioxide
- 540-88-5 tert-butyl acetate
- 68911-87-5 montmorilontie clay complex
- 1330-20-7 xylene
- 67-56-1 methanol
- 1333-86-4 Carbon black
- 51274-00-1 YELLOW IRON OXIDE
- 100-41-4 ethylbenzene
- 9038-95-3 OXIRANE,ME, POLYMER
- 77-58-7 dibutyltin dilaurate
- 19549-80-5 4,6-dimethylheptan-2-one
- 108-83-8 2,6-dimethylheptan-4-one
- 78-83-1 butanol
- 57-55-6 Propylene glycol

· **Proposition 65**

· **Chemicals known to cause cancer:**

- 13463-67-7 titanium dioxide
- 1330-20-7 xylene
- 1333-86-4 Carbon black
- 100-41-4 ethylbenzene

· **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:**

- 67-56-1 methanol

· **Cancerogenity categories**

· **EPA (Environmental Protection Agency)**

- 7727-43-7 barium sulphate, natural
- 67-64-1 acetone
- 1330-20-7 xylene

D, CBD(inh), NL(oral)

/

/

(Contd. on page 12)

USA

Trade name: 5452-01,-04 Maxx Fill 2K High Build Urethane Primer-Surfacer- 2.1 VOC - Gray (Gallon & Quart)

(Contd. of page 11)

100-41-4 ethylbenzene

D

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

14807-96-6 Talc	A4
67-64-1 acetone	A4
13463-67-7 titanium dioxide	A4
1330-20-7 xylene	A4
1333-86-4 Carbon black	A4
100-41-4 ethylbenzene	A3
77-58-7 dibutyltin dilaurate	A4

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

13463-67-7 titanium dioxide
67-56-1 methanol
1333-86-4 Carbon black

· **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-chloro-alpha,alpha,alpha-trifluorotoluene
Talc
montmorillonite clay complex

· **Hazard statements**

H225 Highly flammable liquid and vapor.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

· **Precautionary statements**

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.
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.

(Contd. on page 13)

Printing date 04/09/2018

Reviewed on 10/25/2016

Trade name: 5452-01,-04 Maxx Fill 2K High Build Urethane Primer-Surfacer- 2.1 VOC - Gray (Gallon & Quart)

(Contd. of page 12)

P312	Call a poison center/doctor if you feel unwell.
P321	Specific treatment (see on this label).
P362+P364	Take off contaminated clothing and wash it before reuse.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
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.

· **Contact:** 1-480-451-4451 Lloyd Fields

· **Date of preparation / last revision** 04/09/2018 / 6

· **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 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)

HMS: 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

Skin Irrit. 2: Skin corrosion/irritation – Category 2

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

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

· *** Data compared to the previous version altered.**

USA