

**Safety Data Sheet**  
according to 1907/2006/EC (REACH),  
1272/2008/EC (CLP), and GHS

Printing date: 18.07.2013

Revision: 18.07.2013

## 1 Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Trade Name: Self Etching Primer - Liquid**

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

**Application of the substance / the preparation:** Coating Compound/ Surface Coating/Paint

### 1.3 Details of the supplier of the Safety Data Sheet

#### Manufacturer/Supplier:

Absolute Coatings Inc.  
38 Portman Road  
New Rochelle, NY 10801  
Phone: 1-800-221-8010

### 1.4 Emergency telephone number:

ChemTel Inc.  
(800)255-3924, +1 (813)248-0585

## 2 Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008

The following Hazard Statements are applicable only to the EU regulations and not the US GHS regulation: H361d.

The following Hazard Statements are applicable only to the general GHS regulations and not the specific CLP regulation: H361.



GHS02 flame

Flam. Liq. 2; H225: Highly flammable liquid and vapour.



GHS05 corrosion

Eye Dam. 1; H318: Causes serious eye damage.



GHS07

STOT SE 3; H336: May cause drowsiness or dizziness.



GHS08 health hazard

Asp. Tox. 1; H304: May be fatal if swallowed and enters airways.

#### Classification according to Directive 67/548/EEC or Directive 1999/45/EC



Xn; Harmful

R65: Harmful: may cause lung damage if swallowed.



Xi; Irritant

R36: Irritating to eyes.



F; Highly flammable

R11: Highly flammable.

R67: Vapours may cause drowsiness and dizziness.

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**Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

**Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

The classification is in accordance with the latest editions of international substances lists, and is supplemented by information from technical literature and by information provided by the company.

**2.2 Label elements****Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

**Hazard pictograms**

GHS02 GHS05 GHS07 GHS08

**Signal word:** Danger**Hazard-determining components of labelling:**

Butanol

Solvent naphtha (petroleum), light aliph.

**Hazard statements**

H225: Highly flammable liquid and vapour.

H318: Causes serious eye damage.

H336: May cause drowsiness or dizziness.

H304: May be fatal if swallowed and enters airways.

**Precautionary statements**

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P280: Wear protective gloves / eye protection.

P233: Keep container tightly closed.

P261: Avoid breathing mist/vapours/spray.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P370+P378: In case of fire: Use for extinction: CO<sub>2</sub>, powder or water spray.

P403+P235: Store in a well-ventilated place. Keep cool.

**Additional information:**

Restricted to professional users.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking.

**Hazard description:****WHMIS-symbols:**

B2 - Flammable liquid

D2B - Toxic material causing other toxic effects



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Trade Name: Self Etching Primer - Liquid**NFPA ratings (scale 0 - 4)**

Health = 1  
Fire = 3  
Reactivity = 0

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

HEALTH	1	
FIRE	3	
REACTIVITY	0	

Health = 1  
Fire = 3  
Reactivity = 0

**HMIS Long Term Health Hazard Substances**

78-83-1 | Butanol

**2.3 Other hazards****Results of PBT and vPvB assessment**

PBT: Not applicable.

vPvB: Not applicable.

**3 Composition/information on ingredients****3.2 Mixtures**

Description: Mixture of substances listed below with nonhazardous additions.

**Dangerous components:**

CAS: 67-64-1 EINECS: 200-662-2 Index number: 606-001-00-8	Acetone ☒ Xi R36; ☒ F R11; R66-67 ☒ Flam. Liq. 2, H225 ☒ Eye Irrit. 2, H319; STOT SE 3, H336	15-40%
CAS: 79-20-9 EINECS: 201-185-2 Index number: 607-021-00-X	Methyl Acetate ☒ Xi R36; ☒ F R11; R66-67; ☒ Flam. Liq. 2, H225 ☒ Eye Irrit. 2, H319; STOT SE 3, H336	<10%
CAS: 64742-89-8 EINECS: 265-192-2 Index number: 649-267-00-0	Solvent naphtha (petroleum), light aliph. ☒ Xn R65; Carc. Cat. 2, Muta. Cat. 2 ☒ Asp. Tox. 1, H304	<10%
CAS: 123-86-4 EINECS: 204-658-1 Index number: 607-025-00-1	n-Butyl Acetate R10-66-67 ☒ Flam. Liq. 3, H226 ☒ STOT SE 3, H336	<10%
CAS: 108-65-6 EINECS: 203-603-9 Index number: 607-195-00-7	2-methoxy-1-methylethyl acetate R10 ☒ Flam. Liq. 3, H226	<10%
CAS: 78-83-1 EINECS: 201-148-0 Index number: 603-108-00-1	Butanol ☒ Xi R37/38-41; R10-67 ☒ Flam. Liq. 3, H226 ☒ Eye Dam. 1, H318 ☒ Skin Irrit. 2, H315; STOT SE 3, H335-H336	<10%

**Additional information:** For the wording of the listed risk phrases refer to section 16.

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**Trade Name: Self Etching Primer - Liquid****4 First aid measures****4.1 Description of first aid measures****General information:**

Take affected persons out into the fresh air.

**After inhalation:**

Supply fresh air; consult doctor in case of complaints.

In case of unconsciousness place patient stably in side position for transportation.

In case of irregular breathing or respiratory arrest provide artificial respiration.

**After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

**After eye contact:**

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After swallowing:**

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

A person vomiting while laying on their back should be turned onto their side.

**4.2 Most important symptoms and effects, both acute and delayed**

Dizziness

Coughing

Headache

Nausea

Cramp

Thirst

Disorientation

Unconsciousness

**Hazards:**

Danger of impaired breathing.

Danger of pulmonary oedema.

Danger of convulsion.

Danger of disturbed cardiac rhythm.

Condition may deteriorate with alcohol consumption.

No further relevant information available.

**4.3 Indication of any immediate medical attention and special treatment needed**

If swallowed, gastric irrigation with added, activated carbon.

Monitor circulation, possible shock treatment.

If necessary oxygen respiration treatment.

Medical supervision for at least 48 hours.

Later observation for pneumonia and pulmonary oedema.

May produce a narcotic effect.

**5 Firefighting measures****5.1 Extinguishing media****Suitable extinguishing agents:**

Alcohol resistant foam.

Gaseous extinguishing agents.

Carbon dioxide.

Fire-extinguishing powder.

Water haze or fog.

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**For safety reasons unsuitable extinguishing agents:**

Water with full jet.

**5.2 Special hazards arising from the substance or mixture**

Danger of receptacles bursting because of high vapour pressure when heated.

Formation of toxic gases is possible during heating or in case of fire.

**5.3 Advice for firefighters****Protective equipment:**

Wear self-contained respiratory protective device.

Wear fully protective suit.

**Additional information:**

Use large quantities of foam as it is partially destroyed by the product.

Cool endangered receptacles with water fog or haze.

Eliminate all ignition sources if safe to do so.

**6 Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Use respiratory protective device against the effects of fumes/dust/aerosol.

Isolate area and prevent access.

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Keep away from ignition sources.

Protect from heat.

**6.2 Environmental precautions:**

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

**6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Send for recovery or disposal in suitable receptacles.

Dispose contaminated material as waste according to item 13.

**6.4 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****7.1 Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Avoid splashes or spray in enclosed areas.

**Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Emergency cooling must be available in case of nearby fire.

Flammable gas-air mixtures may form in empty receptacles.

**7.2 Conditions for safe storage, including any incompatibilities****Storage:****Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Provide ventilation for receptacles.

Avoid storage near extreme heat, ignition sources or open flame.

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**Trade Name: Self Etching Primer - Liquid****Information about storage in one common storage facility:**

Store away from foodstuffs.

Store away from oxidizing agents.

**Further information about storage conditions:**

Store in cool, dry conditions in well sealed receptacles.

Keep container tightly sealed.

Store receptacle in a well ventilated area.

**7.3 Specific end use(s):** No further relevant information available.**8 Exposure controls/personal protection****Additional information about design of technical facilities:** No further data; see item 7.**8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:****67-64-1 acetone**

IOELV (EU)	1210 mg/m <sup>3</sup> , 500 ppm
PEL (USA)	2400 mg/m <sup>3</sup> , 1000 ppm
REL (USA)	590 mg/m <sup>3</sup> , 250 ppm
TLV (USA)	Short-term value: (1782) NIC-1187 mg/m <sup>3</sup> , (750) NIC-500 ppm Long-term value: (1188) NIC-475 mg/m <sup>3</sup> , (500) NIC-200 ppm BEI
EL (Canada)	Short-term value: 500 ppm Long-term value: 250 ppm
EV (Canada)	Short-term value: 750 ppm Long-term value: 500 ppm

**79-20-9 methyl acetate**

PEL (USA)	610 mg/m <sup>3</sup> , 200 ppm
REL (USA)	Short-term value: 760 mg/m <sup>3</sup> , 250 ppm Long-term value: 610 mg/m <sup>3</sup> , 200 ppm
TLV (USA)	Short-term value: 757 mg/m <sup>3</sup> , 250 ppm Long-term value: 606 mg/m <sup>3</sup> , 200 ppm
EL (Canada)	Short-term value: 250 ppm Long-term value: 200 ppm
EV (Canada)	Short-term value: 755 mg/m <sup>3</sup> , 250 ppm Long-term value: 605 mg/m <sup>3</sup> , 200 ppm

**123-86-4 n-butyl acetate**

PEL (USA)	710 mg/m <sup>3</sup> , 150 ppm
REL (USA)	Short-term value: 950 mg/m <sup>3</sup> , 200 ppm Long-term value: 710 mg/m <sup>3</sup> , 150 ppm
TLV (USA)	Short-term value: 950 mg/m <sup>3</sup> , 200 ppm Long-term value: 713 mg/m <sup>3</sup> , 150 ppm
EL (Canada)	20 ppm
EV (Canada)	Short-term value: 950 mg/m <sup>3</sup> , 200 ppm Long-term value: 710 mg/m <sup>3</sup> , 150 ppm

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

IOELV (EU)	Short-term value: 550 mg/m <sup>3</sup> , 100 ppm Long-term value: 275 mg/m <sup>3</sup> , 50 ppm Skin
WEEL (USA)	Long-term value: 50 ppm Short-term value: 75 ppm
EL (Canada)	Long-term value: 50 ppm
EV (Canada)	Long-term value: 270 mg/m <sup>3</sup> , 50 ppm

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**Trade Name: Self Etching Primer - Liquid****78-83-1 butanol**

PEL (USA)	300 mg/m <sup>3</sup> , 100 ppm
REL (USA)	150 mg/m <sup>3</sup> , 50 ppm
TLV (USA)	152 mg/m <sup>3</sup> , 50 ppm
EL (Canada)	50 ppm
EV (Canada)	150 mg/m <sup>3</sup> , 50 ppm

**DNELs:** No further relevant information available.**PNECs:** No further relevant information available.**Additional information:** The lists valid during the making were used as basis.**8.2 Exposure controls****Personal protective equipment:****General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

**Respiratory protection:**

NIOSH approved organic vapor equipped with a dust/mist prefilter should be used.



Combined Organic Vapor and Particulate Respirator is recommended for use during all processing activities.

**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 cannot 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.

**Eye protection:**

Contact lenses should not be worn.



Safety glasses

**Body protection:**

Solvent resistant protective clothing.

**Limitation and supervision of exposure into the environment**

No further relevant information available.

**Risk management measures**

See Section 7 for additional information.

No further relevant information available.

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Trade Name: Self Etching Primer - Liquid**9 Physical and chemical properties****9.1 Information on basic physical and chemical properties****General Information****Appearance:**

Form:	Liquid
Colour:	According to product specification
Odour:	Like ketone
Odour threshold:	Not determined.

pH-value: Not determined.

**Change in condition**

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	>131 °F / >55 °C

Flash point: &lt; -4°F / &lt; -20 °C

Flammability (solid, gaseous): Not applicable.

Ignition temperature: 649 °F / 343 °C

Decomposition temperature: Not determined.

Self-igniting: Product is not self-igniting.

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

**Explosion limits:**

Lower:	0.7 Vol %
Upper:	16.0 Vol %

Vapour pressure 20 °C: 233 hPa (Estimate)

Density at 20 °C: 1.06 g/cm<sup>3</sup>

Relative density: Not determined.

Vapour density: Not determined.

Evaporation rate: Not determined.

**Solubility in / Miscibility with**

Water: Fully miscible.

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

**Viscosity:**

Dynamic:	Not determined.
Kinematic:	Not determined.

**Solvent content:**

Organic solvents:	160 g/L (Actual Content)
VOC (California):	54 % Wt (246 g/L - Regulatory)

9.2 Other information: No further relevant information available.

**10 Stability and reactivity****10.1 Reactivity****10.2 Chemical stability:****Thermal decomposition / conditions to be avoided:**

No decomposition if used and stored according to specifications

**10.3 Possibility of hazardous reactions**

Flammable.

Reacts with oxidizing agents.

Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomised.



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Used empty containers may contain product gases which form explosive mixtures with air.

**10.4 Conditions to avoid:**

Keep ignition sources away - Do not smoke.

Store away from oxidizing agents.

**10.5 Incompatible materials:** No further relevant information available.

**10.6 Hazardous decomposition products:** Carbon monoxide and carbon dioxide

## 11 Toxicological information

**11.1 Information on toxicological effects****Acute toxicity:****Primary irritant effect:**

**On the skin:** Slight irritant effect on skin and mucous membranes.

**On the eye:** Irritating effect.

**Sensitization:** No sensitizing effects known.

**Subacute to chronic toxicity:** Vapours have narcotic effect.

**Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

Irritant

Inhalation of concentrated vapours as well as oral intake will lead to anaesthesia-like conditions and headache, dizziness, etc.

At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent. Toxic and/or corrosive effects may be delayed up to 12 hours.

**Repeated dose toxicity:**

May cause damage to organs through prolonged or repeated exposure.

## 12 Ecological information

**12.1 Toxicity**

**Aquatic toxicity:** The product contains materials that are harmful to the environment.

**12.2 Persistence and degradability:** Biodegradable

**12.3 Bioaccumulative potential:** Does not accumulate in organisms.

**12.4 Mobility in soil:** No further relevant information available.

**Ecotoxicological effects:****Remark:**

The product is oxygen-consuming. The declared action may be partly caused by lack of oxygen.

Due to mechanical actions of the product (e.g. agglutinations) damages may occur.

**Additional ecological information:****General notes:**

This statement was deduced from the properties of the single components.

Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment cannot be excluded.

Water hazard class 1 (German Regulation) (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.

**12.5 Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**12.6 Other adverse effects:** No further relevant information available.

## 13 Disposal considerations

**13.1 Waste treatment methods****Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

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Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

Can be reused after reprocessing.

Contact waste processors for recycling information.

**Uncleaned packaging:**

**Recommendation:** Disposal must be made according to official regulations.

**14 Transport information****14.1 UN-Number**

**DOT; ADR, IMDG, IATA::** UN1263

**14.2 UN proper shipping name**

**DOT, IMDG, IATA:** Paint Related Material

**ADR:** 1263 Paint Related Material

**14.3 Transport hazard class(es)**

**DOT:**



**Class:** 3 Flammable liquids.

**Label:** 3

**ADR:**



**Class:** 3 (F1) Flammable liquids.

**Label:** 3

**IMDG, IATA:**



**Class:** 3 Flammable liquids.

**Label:** 3

**14.4 Packing group**

**DOT, ADR, IMDG, IATA:** II

**14.5 Environmental hazards:**

**Marine pollutant:** No

**14.6 Special precautions for user:** Warning: Flammable liquids.

**Danger code (Kemler):** 33

**EMS Number:** F-E,S-E

**14.7 Transport in bulk according to Annex II of**

**MARPOL73/78 and the IBC Code:** Not applicable.

**Transport/Additional information:**

**ADR**

**Limited quantities (LQ):** 5L

**Transport category:** 2

**Tunnel restriction code:** D/E

**UN "Model Regulation":** UN1263, Paint Related Material; 3 II

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Trade Name: Self Etching Primer - Liquid**15 Regulatory information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture United States (USA)**

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

None of the ingredients is listed.

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

None of the ingredients is listed.

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

All ingredients are listed.

**Proposition 65 (California):****Chemicals known to cause cancer:**

None of the ingredients is listed.

**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:**

None of the ingredients is listed.

**Carcinogenic Categories****EPA (Environmental Protection Agency)**

67-64-1	acetone	I
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**IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

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

67-64-1	Acetone	A4
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**NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

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

None of the ingredients is listed.

**Canada****Canadian Domestic Substances List (DSL)**

All ingredients are listed.

**Canadian Ingredient Disclosure list (limit 0.1%)**

None of the ingredients is listed.

**Canadian Ingredient Disclosure list (limit 1%)**

67-64-1	Acetone
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79-20-9	Methyl Acetate
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123-86-4	n-Butyl Acetate
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78-83-1	Butanol
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**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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**Trade Name: Self Etching Primer - Liquid****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.

H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness.

R10: Flammable.

R11: Highly flammable.

R36: Irritating to eyes.

R37/38: Irritating to respiratory system and skin.

R41: Risk of serious damage to eyes.

R65: Harmful: may cause lung damage if swallowed.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

**Abbreviations and Acronyms:**

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

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

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)

WHMIS: Workplace Hazardous Materials Information System (Canada)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent