

Safety Data Sheet

According to Regulation (EC) No 1272/2008 (CLP) and (EC) No 1907/2006 (REACH)

Initial preparation date: 10.10.2016

Page 1 of 13

Super Sap CLX Hardener

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product Name: Super Sap CLX Hardener

Product code: 12_CLX01

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

Relevant identified uses: Liquid curing agent for epoxy resin

Uses advised against: Not determined or not applicable.

Reasons why uses advised against: Not determined or not applicable.

1.3 Details of the manufacturer/supplier of the safety data sheet

Manufacturer:

North America

Entropy Resins, Inc.
30621 San Antonio St.
Hayward, CA 94544 USA
1-310-882-2120
info@entropyresins.com

Supplier:

North America

Entropy Resins, Inc.
30621 San Antonio St.
Hayward, CA 94544 USA
1-310-882-2120
info@entropyresins.com

European Union

Composite Creations Co., LTD
11/4 Moo 5
345 Road
Klongkhoy, Pakkret, Nonthaburi 11120 Thailand
(+66) 02-964-7203-4
info@entropyresins.com

European Union

Ferrer-Dalmau
Entropy Resins (Europe / Africa / Middle East)
Rosalia de Castro 21
08025 Barcelona, Spain
+34 93 487 40 15
info@entropyresins.eu

Asia

Composite Creations Co., LTD
11/4 Moo 5
345 Road
Klongkhoy, Pakkret, Nonthaburi 11120 Thailand
(+66) 02-964-7203-4
info@entropyresins.com

Asia

Composite Creations Co., LTD
Entropy Resins - Asia
11/4 Moo 5
345 Road
Klongkhoy, Pakkret, Nonthaburi Thailand 11120
(+66) 02-964-7203-4
info@entropyresins.com

1.4 Emergency telephone number:

North America

3E Company

Inside USA: 1-760-476-3962
International / not specified: 1-760-476-3962

Asia

National Chemical Emergency Helpline

国家化学事故应急咨询专线
China: +86-0532-8388-9090

European Union

3E Company

International / not specified: 1-760-476-3962
Inside USA: 1-760-476-3962

Safety Data Sheet

According to Regulation (EC) No 1272/2008 (CLP) and (EC) No 1907/2006 (REACH)

Initial preparation date: 10.10.2016

Page 2 of 13

Super Sap CLX Hardener

SECTION 2: Hazard(s) identification

2.1 Classification of the substance or mixture:

Classification according to Regulation (EC) No1278/2008 (CLP):

Serious eye damage, category 1
Reproductive toxicity, category 2
Acute aquatic hazard, category 2
Chronic aquatic hazard, category 2
Skin corrosion, category 1A
Skin sensitization, category 1
Respiratory sensitization, category 1
Acute toxicity (oral), category 4
Acute toxicity (dermal), category 4
Acute toxicity (inhalation), category 4
Specific target organ toxicity - repeated exposure, category 2
Germ cell mutagenicity, category 2

Hazard-determining components of labeling:

Piperazine
1-Piperazineethanamine
Isophorone diamine
Benzyl Alcohol
1,3-Cyclohexanedimethanamine
1-Nonene
Phenol
Nonyl phenol
Disodium 2,2'-([1,1'-biphenyl]-4,4'-diyldivynylene)bis(benzenesulphonate)

2.2 Label elements

Hazard pictograms:



Signal word: Danger

Hazard statements:

H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H332 Harmful if inhaled.
H373 May cause damage to organs through prolonged or repeated exposure.
H341 Suspected of causing genetic defects.
H361 Suspected of damaging fertility or the unborn child.
H401 Toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements:

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P260 Do not breathe dust/fume/gas/mist/vapors/spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P285 In case of inadequate ventilation wear respiratory protection.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P201 Obtain special instructions before use.

Safety Data Sheet

According to Regulation (EC) No 1272/2008 (CLP) and (EC) No 1907/2006 (REACH)

Initial preparation date: 10.10.2016

Page 3 of 13

Super Sap CLX Hardener

P202 Do not handle until all safety precautions have been read and understood.

P273 Avoid release to the environment.

P305+P351+P338+P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

P321 Specific treatment (see supplemental first aid instructions on this label).

P363 Wash contaminated clothing before reuse.

P304+P340+P310 If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.

P301+P330+P331+P310 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

P303+P361+P353+P310 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician.

P302+P352+P312 If on skin: Wash with soap and water. Call a poison center or doctor/physician if you feel unwell.

P308+P313 If exposed or concerned: Get medical advice/attention.

P391 Collect spillage.

P405 Store locked up.

P501 Dispose of contents and container as instructed in Section 13.

2.3 Other hazards: None known

SECTION 3: Composition/information on ingredients

3.1 Substance: Not applicable.

3.2 Mixture:

Identification	Name	Classification according to Regulation (EC) No1278/2008 (CLP)	Weight %
CAS number: 100-51-6	Benzyl Alcohol	Acute Tox. 4; H302 Acute Tox. 4; H332	25-28
CAS number: 2855-13-2	Isophorone diamine	Acute Tox. 4; H302 Acute Tox. 4; H312 Skin Sens. 1; H317 Skin Corr. 1B; H314 Aquatic Chronic 3; H412	25-28
CAS number: 2579-20-6	1,3-Cyclohexanedimethanamine	Acute Tox. 4; H302 Acute Tox. 4; H312 Skin Corr. 1A; H314 Aquatic Chronic 3; H412	24-30
CAS number: 27344-41-8	Disodium 2,2'-([1,1'-biphenyl]-4,4'-diyldivinylene)bis(benzenesulphonate)	Eye Irrit. 2; H319	<0.1
CAS number: 102-71-6	2,2',2''-Nitrilotriethanol	Not classified	<5
CAS number: 110-85-0	Piperazine	Resp. Sens. 1; H334 Skin Sens. 1; H317 Skin Corr. 1B; H314 Repr. 2; H361	<2
CAS number: 140-31-8	1-Piperazineethanamine	Acute Tox. 4; H302 Acute Tox. 4; H312 Skin Sens. 1; H317 Skin Corr. 1B; H314 Aquatic Chronic 3; H412	<1

Safety Data Sheet

According to Regulation (EC) No 1272/2008 (CLP) and (EC) No 1907/2006 (REACH)

Initial preparation date: 10.10.2016

Page 4 of 13

Super Sap CLX Hardener

CAS number: 84852-15-3	Nonyl phenol	Acute Tox. 4; H302 Skin Corr. 1B; H314 Eye Dam. 1; H318 Repr. 2; H361 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	8-20
CAS number: 108-95-2	Phenol	Acute Tox. 3; H301 Acute Tox. 3; H311 Acute Tox. 3; H331 Skin Corr. 1B; H314 Stot RE 2; H373 Muta. 2; H341	<0.5
CAS number: 124-11-8	1-Nonene	Asp. Tox. 1; H304 Skin Irrit. 2 ; H315 Eye Irrit. 2; H319 Stot SE 3; H335 Flam. Liq. 3; H226	<0.5

Additional information: None

Full Text of H and EUH statements: See section 16

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes:

Not determined or not available.

Following inhalation:

Move exposed individual to fresh air

Loosen clothing as necessary and position individual in a comfortable position

Maintain an unobstructed airway

Immediately call a POISON CONTROL CENTER or seek medical attention

Following skin contact:

Immediately remove all contaminated clothing

Wash affected area with soap and water

Immediately call a POISON CONTROL CENTER or seek medical attention

Following eye contact:

Rinse/flush exposed eye(s) gently using water for 15-20 minutes

Remove contact lens(es) if able to do so during rinsing

Immediately call a POISON CONTROL CENTER or seek medical attention

Following ingestion:

Immediately call a POISON CONTROL CENTER or seek medical attention

Do not induce vomiting

Rinse mouth and then drink plenty of water

4.2 Most important symptoms and effects, both acute and delayed

Acute symptoms and effects:

Not determined or not available.

Delayed symptoms and effects:

Not determined or not available.

4.3 Indication of any immediate medical attention and special treatment needed

Specific treatment:

Not determined or not available.

Notes for the doctor:

Not determined or not available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Safety Data Sheet

According to Regulation (EC) No 1272/2008 (CLP) and (EC) No 1907/2006 (REACH)

Initial preparation date: 10.10.2016

Page 5 of 13

Super Sap CLX Hardener

Suitable extinguishing media:

Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition.

Unsuitable extinguishing media:

Not determined or not applicable.

5.2 Special hazards arising from the substance or mixture:

Thermal decomposition can lead to release of irritating gases and vapors.

5.3 Advice for firefighters

Personal protection equipment:

Wear protective eye wear, gloves and clothing.

Refer to Section 8.

Use typical firefighting equipment, self-contained breathing apparatus, special tightly sealed suit.

Special precautions:

Heating causes a rise in pressure, risk of bursting and combustion.

Shut off sources of ignition.

Carbon monoxide and carbon dioxide may form upon combustion.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation.

Ensure air handling systems are operational.

Wear protective eye wear, gloves and clothing.

6.2 Environmental precautions:

Should not be released into the environment.

Prevent from reaching drains, sewer or waterway.

6.3 Methods and material for containment and cleaning up:

Absorb with non-combustible liquid-binding material (sand, diatomaceous earth (clay), acid binders, universal binders).

Dispose of contents / container in accordance with local regulations.

6.4 Reference to other sections:

Not determined or not applicable.

SECTION 7: Handling and storage

7.1 Precautions for safe handling:

Do not eat, drink, smoke or use personal products when handling chemical substances.

Avoid breathing mist or vapor.

Use only with adequate ventilation.

7.2 Conditions for safe storage, including any incompatibilities:

Store in a cool, well-ventilated area.

Store away from foodstuffs.

7.3 Specific end use(s):

Not determined or not applicable.

SECTION 8: Exposure controls/personal protection



Safety Data Sheet

According to Regulation (EC) No 1272/2008 (CLP) and (EC) No 1907/2006 (REACH)

Initial preparation date: 10.10.2016

Page 6 of 13

Super Sap CLX Hardener

8.1 Control parameters

Only those substances with limit values have been included below.

Occupational Exposure limit values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
ACGIH	2,2',2''-Nitrilotriethanol	102-71-6	ACGIH TLV TWA: 5.0 mg/m ³
	Piperazine	110-85-0	ACGIH TLV TWA: 0.03 mg/m ³ (Inhalable fraction and vapor)
	Phenol	108-95-2	ACGIH TWA: 5.0 ppm
WEEL	Benzyl Alcohol	100-51-6	WEEL TWA 10.0 ppm
NIOSH	Phenol	108-95-2	NIOSH TWA: 5.0 ppm
	Phenol	108-95-2	NIOSH C: 15.60 ppm
United States (OSHA)	Phenol	108-95-2	OSHA TWA: 5.0 ppm

Biological limit values:

No biological exposure limits noted for the ingredient(s).

Derived No Effect Level (DNEL):

Not determined or not applicable.

Predicted No Effect Concentration (PNEC):

Not determined or not applicable.

Information on monitoring procedures:

Not determined or not applicable.

8.2 Exposure controls

Appropriate engineering controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

Personal protection equipment

Eye and face protection:

Safety goggles or glasses, or appropriate eye protection.

Skin and body protection:

Select glove material impermeable and resistant to the substance.

Respiratory protection:

When necessary, use NIOSH-approved breathing equipment.

General hygienic measures:

Wash hands before breaks and at the end of work.

Avoid contact with skin, eyes and clothing.

Perform routine housekeeping.

Wash contaminated clothing before reusing.

Environmental exposure controls:

Select controls based on a risk assessment of local conditions.

See section 6 for information on accidental release measures.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Amber colored viscous liquid
Odor	Characteristic
Odor threshold	Not determined or not available.
pH	Not determined or not available.
Melting point/freezing point	Not determined or not available.

Safety Data Sheet

According to Regulation (EC) No 1272/2008 (CLP) and (EC) No 1907/2006 (REACH)

Initial preparation date: 10.10.2016

Page 7 of 13

Super Sap CLX Hardener

Initial boiling point/range	Not determined or not available.
Flash point (closed cup)	> 100 °C (> 212 °F)
Evaporation rate	Not determined or not available.
Flammability (solid, gas)	Not determined or not available.
Upper flammability/explosive limit	Not determined or not available.
Lower flammability/explosive limit	Not determined or not available.
Vapor pressure	Not determined or not available.
Vapor density	Not determined or not available.
Density	0.97 - 1.2 g/cm ³ @ 20 °C
Relative density	Not determined or not available.
Solubilities	Not determined or not available.
Partition coefficient (n-octanol/water)	Not determined or not available.
Auto/Self-ignition temperature	> 200 °C (> 392 °F)
Decomposition temperature	Not determined or not available.
Dynamic viscosity	Not determined or not available.
Kinematic viscosity	Not determined or not available.
Explosive properties	Not determined or not available.
Oxidizing properties	Not determined or not available.

9.2 Other information

SECTION 10: Stability and reactivity

- 10.1 Reactivity:** Does not react under normal conditions of use and storage.
- 10.2 Chemical stability:** Stable under normal conditions of use and storage.
- 10.3 Possibility of hazardous reactions:** None under normal conditions of use and storage.
- 10.4 Conditions to avoid:** None known.
- 10.5 Incompatible materials:** None known.
- 10.6 Hazardous decomposition products:** None known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Assessment: Harmful if swallowed Harmful in contact with skin Harmful if inhaled

Product data: No data available.

Substance data:

Name	Route	Result
1-Piperazineethanamine	oral	LD50 - Chicken - 1,500 mg/kg
Isophorone diamine	oral	LD50 - Rat - 1,030 mg/kg
Benzyl Alcohol	oral	LD50 - Rat - 1,230 mg/kg
	inhalation	LD50 - Rat - > 4,178 mg/m ³
1,3-Cyclohexanedimethanamine	oral	LD50 - Rat - 880 mg/kg
Phenol	oral	LD50 - Mouse - 270 mg/kg
	dermal	LD50 - Rabbit - 630 mg/kg
Nonyl phenol	oral	LD50 - Rat - 1,300 mg/kg

Skin corrosion/irritation

Safety Data Sheet

According to Regulation (EC) No 1272/2008 (CLP) and (EC) No 1907/2006 (REACH)

Initial preparation date: 10.10.2016

Page 8 of 13

Super Sap CLX Hardener

Assessment: Causes severe skin burns and eye damage

Product data: No data available.

Substance data:

Name	Result
Piperazine	Causes skin damage
1-Piperazineethanamine	Corrosive to the skin.
Isophorone diamine	Corrosive to the skin.
1,3-Cyclohexanedimethanamine	Corrosive to the skin.
1-Nonene	Irritating to the skin.
Phenol	Corrosive to the skin.
Nonyl phenol	Corrosive to the skin.

Serious eye damage/irritation

Assessment: Causes serious eye damage

Product data: No data available.

Substance data:

Name	Result
1-Nonene	Irritating effect on the eyes.
Nonyl phenol	Corrosive to the eyes.
Disodium 2,2'-([1,1'-biphenyl]-4,4'-diyldivynylene)bis(benzenesulphonate)	Irritating effect on the eyes.

Respiratory or skin sensitization

Assessment: May cause an allergic skin reaction May cause allergy or asthma symptoms or breathing difficulties if inhaled

Product data: No data available.

Substance data:

Name	Result
Piperazine	Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals
1-Piperazineethanamine	Sensitization possible through skin contact.
Isophorone diamine	Sensitization possible through skin contact.

Carcinogenicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

International Agency for Research on Cancer (IARC):

Name	Classification
2,2',2''-Nitrilotriethanol	Group 3 - Not classifiable as to its carcinogenicity to humans

National Toxicology Program (NTP): None of the ingredients are listed.

Germ cell mutagenicity

Assessment: Suspected of causing genetic defects

Product data: No data available.

Substance data:

Safety Data Sheet

According to Regulation (EC) No 1272/2008 (CLP) and (EC) No 1907/2006 (REACH)

Initial preparation date: 10.10.2016

Page 9 of 13

Super Sap CLX Hardener

Name	Result
Phenol	In vitro tests showed mutagenic effects.

Reproductive Toxicity

Assessment: Suspected of damaging fertility or the unborn child

Product data: No data available.

Substance data:

Name	Result
Piperazine	Suspected of damaging fertility or the unborn child.
Nonyl phenol	Suspected human reproductive toxicant.

Specific target organ toxicity (single exposure)

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data:

Name	Result
1-Nonene	Component affects the respiratory system.
Phenol	May cause damage to organs through prolonged or repeated exposure.

Specific target organ toxicity (repeated exposure)

Assessment: May cause damage to organs through prolonged or repeated exposure

Product data: No data available.

Substance data: No data available.

Aspiration toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

Information on likely routes of exposure: No data available.

Symptoms related to the physical, chemical and toxicological characteristics: No data available.

Other information: No data available.

SECTION 12: Ecological information

12.1 Toxicity

Acute (short-term) toxicity

Assessment: Toxic to aquatic life

Product data: No data available.

Substance data:

Name	Result
Isophorone diamine	LC50 - Daphnia magna (Water flea) - 17.4 mg/L - 48 h
1,3-Cyclohexanedimethanamine	static test EC50 - Daphnia magna (Water flea) - 33.1 mg/l - 48 h
	static test EC50 - Pseudokirchneriella subcapitata (green algae) - 56.7 mg/l - 72h
Nonyl phenol	flow-through test LC50 - Lepomis macrochirus - 0.209 mg/l - 96 h
	semi-static test EC50 - Daphnia magna (Water flea) - 0.0844 mg/l - 48 h
	static test EC50 - Selenastrum capricornutum (green algae) - 0.33 mg/l - 72 h

Chronic (long-term) toxicity

Product data: No data available.

Substance data: No data available.

Safety Data Sheet

According to Regulation (EC) No 1272/2008 (CLP) and (EC) No 1907/2006 (REACH)

Initial preparation date: 10.10.2016

Page 10 of 13

Super Sap CLX Hardener

12.2 Persistence and degradability

Product data: No data available.

Substance data: No data available.

12.3 Bioaccumulative potential

Product data: No data available.

Substance data: No data available.

12.4 Mobility in soil

Product data: No data available.

Substance data: No data available.

12.5 Results of PBT and vPvB assessment

PBT assessment: This product does not contain any substances that are assessed to be a PBT.

vPvB assessment: This product does not contain any substances that are assessed to be a vPvB.

12.6 Other adverse effects: No data available.

SECTION 13: Disposal considerations



13.1 Waste treatment methods

Relevant information:



It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities (US 40CFR262.11)

SECTION 14: Transport information

International Carriage of Dangerous Goods by Road/Rail (ADR/RID)

14.1 UN number	2735
14.2 UN proper shipping name	Amines, liquid, corrosive, n.o.s. (Isophorone diamine)
14.3 UN transport hazard class(es)	8  
14.4 Packing group	III
14.5 Environmental hazards	Marine Pollutant
14.6 Special precautions for user	None
Classification code	80
Transport category	3
Tunnel restriction code	E
Excepted quantities	30mL inner pckg; 1L outer pckg
Limited quantity	5L

International Carriage of Dangerous Goods by Inland Waterways (ADN)

14.1 UN number	2735
14.2 UN proper shipping name	Amines, liquid, corrosive, n.o.s. (Isophorone diamine)
14.3 UN transport hazard class(es)	8  
14.4 Packing group	III
14.5 Environmental hazards	Marine Pollutant
14.6 Special precautions for user	None

Safety Data Sheet

According to Regulation (EC) No 1272/2008 (CLP) and (EC) No 1907/2006 (REACH)



Initial preparation date: 10.10.2016

Page 11 of 13



Super Sap CLX Hardener

Excepted quantities	30mL inner pckg; 1L outer pckg
Limited quantity	5L

International Maritime Dangerous Goods (IMDG)

14.1 UN number	2735
14.2 UN proper shipping name	Amines, liquid, corrosive, n.o.s. (Isophorone diamine)
14.3 UN transport hazard class(es)	8  
14.4 Packing group	III
14.5 Environmental hazards	Marine Pollutant
14.6 Special precautions for user	None
EmS number	F-A, S-B
Excepted quantities	30mL inner pckg; 1L outer pckg
Limited quantity	5L

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

14.1 UN number	2735
14.2 UN proper shipping name	Amines, liquid, corrosive, n.o.s. (Isophorone diamine)
14.3 UN transport hazard class(es)	8  
14.4 Packing group	III
14.5 Environmental hazards	Marine Pollutant
14.6 Special precautions for user	None
Excepted quantities	30mL inner pckg; 1L outer pckg
Limited quantity	1L

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code	
Bulk Name	None
Ship type	None
Pollution category	None

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture.

United States regulations

SARA Section 313 toxic chemicals:

108-95-2	Phenol	Listed
84852-15-3	Nonyl phenol	Listed

European regulations

Inventory listing (EINECS): Not determined.

REACH SVHC candidate list: Not determined.

REACH SVHC Authorizations: Not determined.

Safety Data Sheet

According to Regulation (EC) No 1272/2008 (CLP) and (EC) No 1907/2006 (REACH)

Initial preparation date: 10.10.2016

Page 12 of 13

Super Sap CLX Hardener

REACH Restriction: Not determined.

Water hazard class (WGK): Not determined.

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: Other information

Indication of changes:

Not applicable.

Abbreviations and Acronyms: None

Classification procedure:

Classification according to Regulation (EC) No1278/2008 (CLP)	Method Used
Serious eye damage, category 1	
Reproductive toxicity, category 2	
Acute aquatic hazard, category 2	
Chronic aquatic hazard, category 2	
Skin corrosion, category 1A	
Skin sensitization, category 1	
Respiratory sensitization, category 1	
Acute toxicity (oral), category 4	
Acute toxicity (dermal), category 4	
Acute toxicity (inhalation), category 4	
Specific target organ toxicity - repeated exposure, category 2	
Germ cell mutagenicity, category 2	

Summary of classification in section 3:

Acute Tox. 4; H302	Acute toxicity (oral), category 4
Acute Tox. 4; H332	Acute toxicity (inhalation), category 4
Acute Tox. 4; H312	Acute toxicity (dermal), category 4
Skin Sens. 1; H317	Skin sensitization, category 1
Skin Corr. 1B; H314	Skin corrosion, category 1B
Aquatic Chronic 3; H412	Chronic aquatic hazard, category 3
Skin Corr. 1A; H314	Skin corrosion, category 1A
Eye Irrit. 2; H319	Eye irritation, category 2A
Resp. Sens. 1; H334	Respiratory sensitization, category 1
Repr. 2; H361	Reproductive toxicity, category 2
Eye Dam. 1; H318	Serious eye damage, category 1
Aquatic Acute 1; H400	Acute aquatic hazard, category 1
Aquatic Chronic 1; H410	Chronic aquatic hazard, category 1
Acute Tox. 3; H301	Acute toxicity (oral), category 3
Acute Tox. 3; H311	Acute toxicity (dermal), category 3
Acute Tox. 3; H331	Acute toxicity (inhalation), category 3
Stot RE 2; H373	Specific target organ toxicity - repeated exposure, category 2
Muta. 2; H341	Germ cell mutagenicity, category 2
Asp. Tox. 1; H304	Aspiration hazard, category 1
Skin Irrit. 2 ; H315	Skin irritation, category 2
Stot SE 3; H335	Specific target organ toxicity - single exposure, category 3, respiratory irritation
Flam. Liq. 3; H226	Flammable liquids, category 3

Summary of hazard statements in section 3:

Safety Data Sheet

According to Regulation (EC) No 1272/2008 (CLP) and (EC) No 1907/2006 (REACH)

Initial preparation date: 10.10.2016

Page 13 of 13

Super Sap CLX Hardener

H302	Harmful if swallowed
H332	Harmful if inhaled
H312	Harmful in contact with skin
H317	May cause an allergic skin reaction
H314	Causes severe skin burns and eye damage
H412	Harmful to aquatic life with long lasting effects
H319	Causes serious eye irritation
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H361	Suspected of damaging fertility or the unborn child
H318	Causes serious eye damage
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H301	Toxic if swallowed
H311	Toxic in contact with skin
H331	Toxic if inhaled
H373	May cause damage to organs through prolonged or repeated exposure
H341	Suspected of causing genetic defects
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H335	May cause respiratory irritation
H226	Flammable liquid and vapour

Disclaimer:

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations. The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations applicable to this material.

NFPA: 3-0-0

HMIS: 3-0-0

Initial preparation date: 10.10.2016

End of Safety Data Sheet