

Printing date 21.05.2015 Revision: 21.05.2015

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

· 1.1 Product identifier

Trade name: 920 Cherry Clearcoat

· Article number: CC0920

· 1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available.

· Application of the substance / the mixture Protective coating

· 1.3 Details of the supplier of the Safety Data Sheet

Manufacturer/Supplier: **Shore Corporation** 2917 Spruce Way

Pittsburgh, PA 15201 USA Tel (412) 471-3330

Distributed By:

Kleen-Rite Corporation P. O. Box 886 Columbia, PA 17512 (717) 684 - 6721

· 1.4 Emergency telephone number:

ChemTel Inc.

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

SECTION 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 according to OSHA regulations within the United States. These Statements are not applicable for the CLP regulation (1272/2008/EC) in the EU: H317.



Skin Sens. 1 H317: May cause an allergic skin reaction.

The product is not classified as hazardous according to the CLP regulation.

- · Classification according to Directive 67/548/EEC or Directive 1999/45/EC Not applicable.
- Information concerning particular hazards for human and environment:

The product has to be labeled 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.

Additional information:

There are no other hazards not otherwise classified that have been identified.

0 percent of the mixture consists of component(s) of unknown toxicity

- · 2.2 Label elements
- · Labeling according to Regulation (EC) No 1272/2008

The substance is classified and labeled according to the Globally Harmonized System within the United States (GHS).

(Contd. on page 2)

Printing date 21.05.2015 Revision: 21.05.2015

Trade name: 920 Cherry Clearcoat

(Contd. of page 1)

This product does not have a classification according to the CLP regulation.

Hazard pictograms



GHS07 - USA Only.

· Signal word

Applicable only within the United States (USA) WARNING

· Hazard-determining components of labeling:

citral

· Hazard statements

The following Hazard Statements are applicable only according to OSHA regulations within the United States. These Statements are not applicable for the CLP regulation (1272/2008/EC) in the EU: H317. H317: May cause an allergic skin reaction.

Precautionary statements

Applicable only within the United States (USA)
P261 Avoid breathing mist/vapours/spray.
P280 Wear protective gloves / eye protection.

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

P363 Wash contaminated clothing before reuse.

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

P302+P352 IF ON SKIN: Wash with plenty of water.

P501 Dispose of contents/container in accordance with local/regional/national/international

regulations.

· Additional information:

EUH208 Contains citral. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

Hazard description:

· WHMIS-symbols:

D2A - Very toxic material causing other toxic effects



· NFPA ratings (scale 0 - 4)



· HMIS-ratings (scale 0 - 4)



* - Indicates a long term health hazard from repeated or prolonged exposures.

(Contd. on page 3)

Printing date 21.05.2015 Revision: 21.05.2015

Trade name: 920 Cherry Clearcoat

(Contd. of page 2)

· HMIS Long Term Health Hazard Substances

None of the ingredients are listed.

- · 2.3 Other hazards
- · Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- · vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

- · 3.2 Mixtures
- · **Description:** Mixture of substances listed below with nonhazardous additions.

· Dangerous components:		
CAS: 61789-77-3 EINECS: 263-087-6	Quaternary ammonium compounds, dicocoalkyldimethyl, chlorides Xn R22 Acute Tox. 4, H302	10-25%
CAS: 67-63-0 EINECS: 200-661-7 Index number: 603-117-00-0	propan-2-ol XI R36; F R11 R67 → Flam. Liq. 2, H225 → Eye Irrit. 2, H319; STOT SE 3, H336	2,5-10%
CAS: 111-76-2 EINECS: 203-905-0 Index number: 603-014-00-0	2-butoxyethanol Xn R20/21/22; Xi R36/38 ↑ Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319	2,5-10%
CAS: 5392-40-5 EINECS: 226-394-6 Index number: 605-019-00-3	citral Xi R38; Xi R43 ↑ Skin Irrit. 2, H315; Skin Sens. 1,H317	≤ 2,5%

· Additional information:

For the listed ingredients, the identity and exact percentages are being withheld as a trade secret. For the wording of the listed risk phrases refer to section 16.

SECTION 4: First aid measures

- · 4.1 Description of first aid measures
- · General information: No special measures required.
- · After inhalation: Supply fresh air; consult doctor in case of complaints.
- · After skin contact:

Immediately rinse with water.

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

· After eye contact:

Protect unharmed eye.

Remove contact lenses if worn, if possible.

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

(Contd. on page 4)

Printing date 21.05.2015 Revision: 21.05.2015

Trade name: 920 Cherry Clearcoat

· After swallowing:

(Contd. of page 3)

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

Breathing difficulty

Coughing

Allergic reactions

May cause gastro-intestinal irritation if ingested.

Gastric or intestinal disorders when ingested.

· Hazards

May cause sensitization by inhalation and skin contact.

May be harmful if swallowed.

May be harmful if inhaled.

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

Treat skin and mucous membrane with antihistamine and corticoid preparations.

Contains citral. May produce an allergic reaction.

SECTION 5: Firefighting measures

- 5.1 Extinguishing media
- · Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.
- For safety reasons unsuitable extinguishing agents: None.
- · 5.2 Special hazards arising from the substance or mixture

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 No further relevant information available.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Particular danger of slipping on leaked/spilled product.

- **6.2 Environmental precautions:** Avoid release to the environment.
- 6.3 Methods and material for containment and cleaning up:

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

Do not allow to dry out

Dispose contaminated material as waste according to item 13.

Send for recovery or disposal in suitable receptacles.

· 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

(Contd. on page 5)

Printing date 21.05.2015 Revision: 21.05.2015

Trade name: 920 Cherry Clearcoat

See Section 13 for disposal information.

(Contd. of page 4)

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Use only in well ventilated areas.

Prevent formation of aerosols.

Use personal protective equipment as required.

- · Information about fire and explosion protection: No special measures required.
- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- · Requirements to be met by storerooms and receptacles:

Store in cool, dry place.

Provide ventilation for receptacles.

Information about storage in one common storage facility:

Store away from foodstuffs.

Do not store together with acids.

- · Further information about storage conditions: Keep container tightly sealed.
- · 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

- · Additional information about design of technical facilities: No further data; see item 7.
- · 8.1 Control parameters

· 8.1 Control parameters			
· Ingredients with limit values that require monitoring at the workplace:			
67-63-0 prop	67-63-0 propan-2-ol		
PEL (USA)	Long-term value: 980 mg/m³, 400 ppm		
REL (USA)	Short-term value: 1225 mg/m³, 500 ppm Long-term value: 980 mg/m³, 400 ppm		
TLV (USA)	Short-term value: 984 mg/m³, 400 ppm Long-term value: 492 mg/m³, 200 ppm BEI		
EL (Canada)	Short-term value: 400 ppm Long-term value: 200 ppm		
EV (Canada)	Short-term value: 400 ppm Long-term value: 200 ppm		
111-76-2 2-butoxyethanol			
IOELV (EU)	Short-term value: 246 mg/m³, 50 ppm Long-term value: 98 mg/m³, 20 ppm Skin		
PEL (USA)	Long-term value: 240 mg/m³, 50 ppm Skin		
	(Contd. on page 6)		

Printing date 21.05.2015 Revision: 21.05.2015

Trade name: 920 Cherry Clearcoat

	(Cont	d. of page 5)
REL (USA)	Long-term value: 24 mg/m³, 5 ppm Skin	
TLV (USA)	Long-term value: 97 mg/m³, 20 ppm BEI	
EL (Canada)	Long-term value: 20 ppm	
EV (Canada)	Long-term value: 20 ppm Skin	
5392-40-5 citral		
TLV (USA)	Long-term value: 32* mg/m³, 5* ppm Skin; DSEN; *inhalable fraction + vapor	
 DNELs No further relevant information available. PNECs No further relevant information available. 		

· Ingredients with biological limit values:

67-63-0 propan-2-ol

BEI (USA) 40 mg/L

Medium: urine

Time: end of shift at end of workweek

Parameter: Acetone (background, nonspecific)

111-76-2 2-butoxyethanol

BEI (USA) 200 mg/g creatinine

Medium: urine Time: end of shift

Parameter: Butoxyacetic acid with hydrolysis

- · 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.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

· Respiratory protection:

Not required under normal conditions of use.

Use suitable respiratory protective device when high concentrations are present.

For large spills, respiratory protection may be advisable.

Protection of hands:



Protective gloves

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

(Contd. on page 7)

Printing date 21.05.2015 Revision: 21.05.2015

Trade name: 920 Cherry Clearcoat

(Contd. of page 6)

substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection:



Safety glasses

· Body protection:

Not required under normal conditions of use.

Protection may be required for spills.

- · Limitation and supervision of exposure into the environment Avoid release to the environment.
- · Risk management measures

See Section 7 for additional information.

No further relevant information available.

SECTION 9: Physical and chemical properties

- · 9.1 Information on basic physical and chemical properties
- · General Information
- · Appearance:

Form: Liquid Bright Pink
Odour: Cherry

• Odour threshold: Not determined.

· pH-value at 20 °C (68 °F): 6,0-7,5

· Change in condition

Melting point/Melting range:
Boiling point/Boiling range:Not Determined.
>100 ℃ (>212 ℉)· Flash point:Not applicable.· Flammability (solid, gaseous):Not applicable.· Auto/Self-ignition temperature:Not determined.

· Decomposition temperature: Not determined.

· Self-igniting: Product is not self-igniting.

• Danger of explosion: Product does not present an explosion hazard.

· Explosion limits:

Lower:
Upper:
Not determined.
Not determined.

Vapour pressure:
Not determined.

• Density at 20 °C (68 °F): 0,98 g/cm³ (8,17 lbs/gal)

(Contd. on page 8)

Printing date 21.05.2015 Revision: 21.05.2015

Trade name: 920 Cherry Clearcoat

(Contd. of page 7)

Relative density
 Vapour density
 Evaporation rate
 Not determined.
 Not determined.

· Solubility in / Miscibility with

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

· Viscosity:

Dynamic: Not determined. **Kinematic:** Not determined.

• 9.2 Other information No further relevant information available.

SECTION 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

Reacts with strong acids.

Reacts with oxidizing agents.

· 10.4 Conditions to avoid

Excessive heat.

Avoid acids.

Store away from oxidizing agents.

Sources of ignition, open flame, incompatible materials.

- 10.5 Incompatible materials: No further relevant information available.
- · 10.6 Hazardous decomposition products:

Carbon monoxide and carbon dioxide

Nitrogen oxides (NOx)

Ammonia

SECTION 11: Toxicological information

- · 11.1 Information on toxicological effects
- · Acute toxicity:
- · LD/LC50 values relevant for classification: None.
- · Primary irritant effect:
- · on the skin: No irritant effect.
- · on the eye: Slight irritant effect on eyes.
- · Sensitization:

Sensitizing effect by skin contact is possible by prolonged exposure.

Contains citral. May produce an allergic reaction.

- · Sub acute to chronic toxicity: No further relevant information available.
- · Additional toxicological information: Contains citral. May produce an allergic reaction.

(Contd. on page 9)

Printing date 21.05.2015 Revision: 21.05.2015

Trade name: 920 Cherry Clearcoat

(Contd. of page 8)

· Acute effects (acute toxicity, irritation and corrosivity):

May be harmful if swallowed. May be harmful if inhaled.

· Repeated dose toxicity:

May cause damage to organs through prolonged or repeated exposure.

Repeated exposures may result in skin and/or respiratory sensitivity.

· CMR effects (carcinogenity, mutagenicity and toxicity for reproduction): See Section 15.

SECTION 12: Ecological information

- · 12.1 Toxicity
- · Aquatic toxicity: No further relevant information available.
- 12.2 Persistence and degradability No further relevant information available.
- 12.3 Bioaccumulative potential No further relevant information available.
- · 12.4 Mobility in soil No further relevant information available.
- · Ecotoxical effects:
- · Remark: Due to mechanical actions of the product (e.g. agglutinations) damages may occur.
- · Additional ecological information:
- · General notes:

Water hazard class 2 (German Regulation) (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.

- 12.5 Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.
- 12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

- · 13.1 Waste treatment methods
- Recommendation

Smaller quantities can be disposed of with household waste.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.

- Uncleaned packaging:
- · **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

· 14.1 UN-Number

· DOT, ADR, ADN, IMDG, IATA Not Regulated

14.2 UN proper shipping name

· DOT, ADR, ADN, IMDG, IATA Not Regulated

(Contd. on page 10)

Printing date 21.05.2015 Revision: 21.05.2015

Trade name: 920 Cherry Clearcoat

(Contd. of page 9)

· 14.3 Transport hazard class(es)

· DOT, ADR, ADN, IMDG, IATA

· Class Not Regulated

· 14.4 Packing group

· DOT, ADR, IMDG, IATA Not Regulated

14.5 Environmental hazards:

· Marine pollutant: No

• 14.6 Special precautions for user Not applicable.

· 14.7 Transport in bulk according to Annex II of

MARPOL73/78 and the IBC Code Not applicable.

· UN "Model Regulation":

SECTION 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 are listed.

· Section 313 (Specific toxic chemical listings):

67-63-0 propan-2-ol

111-76-2 2-butoxyethanol

· 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 are listed.

· Chemicals known to cause reproductive toxicity for males:

None of the ingredients are listed.

· Chemicals known to cause developmental toxicity:

None of the ingredients are listed.

- · Carcinogenic Categories
- · EPA (Environmental Protection Agency)

111-76-2 2-butoxyethanol

NL

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3

· IARC (International Agency for Research on Cancer)

67-63-0 propan-2-ol

111-76-2 2-butoxyethanol

(Contd. on page 11)

Printing date 21.05.2015 Revision: 21.05.2015

Trade name: 920 Cherry Clearcoat

	(Contd. of page 10)
· TLV (Threshold Limit Value established by ACGIH)	
67-63-0 propan-2-ol	A4
111-76-2 2-butoxyethanol	A3
NIOSH-Ca (National Institute for Occupational Safety and Health)	
None of the ingredients are listed.	
· Canada	
· Canadian Domestic Substances List (DSL)	
All ingredients are listed.	
· Canadian Ingredient Disclosure list (limit 0.1%)	
None of the ingredients are listed.	
· Canadian Ingredient Disclosure list (limit 1%)	
67-63-0 propan-2-ol	
111-76-2 2-butoxyethanol	

· Other regulations, limitations and prohibitive regulations

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.

· Substances of very high concern (SVHC) according to REACH, Article 57

None of the ingredients are listed.

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

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for specific product features and shall not establish a legally valid contractual relationship.			
· Relevant phrases			
H225	Highly flammable liquid and vapour.		
H302	Harmful if swallowed.		
H312	Harmful in contact with skin.		
H315	Causes skin irritation.		
H317	May cause an allergic skin reaction.		
H319	Causes serious eye irritation.		
H332	Harmful if inhaled.		
H336	May cause drowsiness or dizziness.		
R11	Highly flammable.		
R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.			
R22	Harmful if swallowed.		
R36	Irritating to eyes.		
R36/38	Irritating to eyes and skin.		
D20	Irritating to oldin		

Irritating to skin. R38 R43 May cause sensitization by skin contact. **R67** Vapours may cause drowsiness and dizziness.

(Contd. on page 12)

Printing date 21.05.2015 Revision: 21.05.2015

Trade name: 920 Cherry Clearcoat

(Contd. of page 11)

· 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 Harmonised 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

Flam. Liq. 2: Flammable liquids, Hazard Category 2 Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

· Sources

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