

# CW STEEL

Product: 138.587

Revision date: 2020/07/13

## Section 1: PRODUCT AND COMPANY IDENTIFICATION

**Product name:** CW STEEL.

**Synonyms:** None

**Chemical family:** Not available.

**Product uses:** Body filler.

**Recommended restrictions on use:** For use in industrial installations or professional treatment only.

**Supplier:** CarWorx Distribution Inc.  
3800 Transcanada Hwy  
Pointe-Claire, Quebec, Canada  
H9R 1B1.

**Manufacturer emergency phone number:** Canutec 613-996-6666.

**Information phone number:** 514-745-5959 (1-877-745-5959).

## Section 2: HAZARD IDENTIFICATION

### GHS Classification

**Health Hazard Class(es):** Skin sensitizer, category 1.  
Skin corrosion/irritation, category 2 Irritant.  
Reproductive toxicity, category 2.  
Specific target organ toxicity following single exposure, category 3.  
Specific target organ toxicity following repeated exposure, category 1.  
Serious eye damage/eye irr, cat 2.

**Physical Hazard Class(es):** Flammable liquid, category 3.

**Environmental Hazard Class(es):** Chronic hazards to the aquatic environment, category 3.

### GHS Label Elements

**Symbol:**



**Signal word:** DANGER.

**Hazard statement(s):** H226 Flammable liquid and vapour.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.  
H361 Suspected of damaging fertility or the unborn child.  
H372 Causes damage to organs through prolonged or repeated exposure.

H412 Harmful to aquatic life with long lasting effects.

**Precautionary statement(s):** P201 Obtain special instructions before use.  
P210 Keep away from heat/sparks/open flames/hot surfaces - No smoking.  
P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P308 + P313 IF exposed or concerned: Get medical advice/attention.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P405 Store locked up.  
P501 Dispose of contents/container in accordance with local/regional/national regulations.

**Other hazard(s):** Not available.

### Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

C.A.S.	CONCENTRATION %	Ingredient Name	EINECS#
100-42-5	20-25	STYRENE	202-851-5
108-31-6	0.001-0.1	MALEIC ANHYDRIDE	
64742-95-6	1-2.5	LIGHT AROMATIC SOLVENT NAPHTHA (C8-C10)	265-199-0
7631-86-9	1-10	AMORPHOUS SILICA	231-545-4

### Section 3A: ADDITIONAL INGREDIENT INFORMATION

**Supplier's LD50 and LC50 values:** CAS# 100-42-5: LD50 > 2000 mg/kg rat dermal.

### Section 4: FIRST AID MEASURES

**Skin contact:** Remove contaminated clothing and shoes.  
Wash thoroughly with soap and water.  
Seek medical attention if irritation persists.

**Eye contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting upper and lower lids. Get prompt medical attention.  
Check for and remove contact lenses.  
Obtain emergency medical attention.

**Inhalation:** Remove victim to fresh air. If not breathing, qualified personnel should administer artificial respiration. Get medical attention.

**Ingestion:** Do not induce vomiting, seek medical attention.  
Never give anything by mouth to an unconscious person.  
Rinse mouth with water.

### Section 5: FIRE FIGHTING MEASURES

**Flammability:** Flammable.

**Extinguishing media:** Carbon dioxide.  
Dry powder.  
Alcohol-resistant foam.  
Water jet.  
Do not use high pressure water jet.

**Conditions of flammability:** Heat, sparks and open flames.

**Special procedures:** Positive pressure self-contained breathing apparatus required and full protection to prevent skin contact.  
Use water spray to cool fire exposed containers.  
Collect contaminated fire fighting water separately. It must not enter the sewage system.

**Sensitivity to static discharge:** Not available.

**Sensitivity to mechanical impact:** Not available.

**Rate of burning:** Not available.

**Hazardous combustion products:** Oxides of carbon (CO, CO<sub>2</sub>).  
Smoke  
Unidentified hydrocarbons.

#### Section 6: ACCIDENTAL RELEASE MEASURES

**Leak/Spill:** Eliminate all sources of heat and ignition.  
Evacuate all non-essential personnel.  
Prevent entry into drains, sewers, and other waterways.  
Ventilate area.  
Avoid skin and eye contact.  
Wear appropriate protective equipment.  
No smoking in spill area.  
Sweep up immediately to eliminate slipping hazard.  
Soak up with inert absorbent.  
Notify the appropriate authorities as required.  
Place in a closed container for disposal.  
Do not flush to sewer.

#### Section 7: HANDLING AND STORAGE

**Handling procedures:** Keep away from heat, sparks, and open flame.  
Avoid breathing vapors/mists.  
Use adequate ventilation.  
Wear personal protective equipment appropriate to task.  
Wash thoroughly after handling.  
Avoid static discharge.  
Use proper grounding procedures.  
Avoid contact with skin, eyes and clothing.  
Do not eat, drink or smoke in handling area.  
Use with explosion proof equipment.  
Keep container closed when not in use.  
Launder contaminated clothing prior to reuse.

**Storage procedures:** Do not store near foodstuffs.  
Keep out of direct sunlight.  
No smoking.  
Keep containers tightly closed.  
Store away from oxidizing materials.  
Keep away from heat, and ignition sources.  
Store in original container.  
Store in a cool, dry and well ventilated area.  
Store only in original container.  
Store at 30°C.

#### Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**Gloves/Type:** Fluorinated rubber 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.  
The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Respiratory/Type:** If TLV is exceeded, a NIOSH respirator is advised or self-contained breathing apparatus.  
In case of brief exposure or low pollution use respiratory filter device.  
In case of intensive or longer exposure use self-contained respiratory protective device.

**Eye/Type:** Safety glasses with side-shields.

**Footwear/Type:** Safety shoes per local regulations.

**Clothing/Type:** Wear adequate protective clothes.  
Long sleeve shirt, long trousers.

**Other/Type:** Eye wash facility should be in close proximity.  
Emergency shower should be in close proximity.

**Ventilation requirements:** Local exhaust and/or general ventilation.  
To maintain exposure below TLV.  
Sufficient air exchange and/or exhaust.

**Exposure limit of material:** No exposure limit established for the product.

**Ingredients:**

C.A.S.	Ingredient Name	T.L.V.	OSHA-PEL TWA	STEL	ACGIH-TLV TWA	STEL	NIOSH STEL
100-42-5	STYRENE	20 PPM	100 PPM	430 MG/M3	20 PPM	250 PPM	1080 MG/M3
108-31-6	MALEIC ANHYDRIDE	0.1 PPM	0.25 PPM				
64742-95-6	LIGHT AROMATIC SOLVENT NAPHTHA (C8-C10)	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
7631-86-9	AMORPHOUS SILICA	NOT AVAILABLE	80/(SIO2) MG/M3	NOT AVAILABLE	10 MG/M3	NOT AVAILABLE	NOT AVAILABLE

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Physical state:** Paste

**Appearance & odor:** Silver color.  
Characteristic odour.

**Odor threshold (ppm):** Not available.

**pH:** Not available.

**Melting point (°C):** Not available.

**Initial boiling point/Boiling range** 145°C.  
(°C): (1.013 hPa).

**Freezing point (°C):** Not available.

**Flash point (°C), method:** 31°C (88°F).  
(1.013 hPa).

**Auto-ignition temperature (°C):** 490°C (914°F).

**Explosive power:** Container explosion may occur when heated.  
Vapours may form explosive mixture in air.  
Exothermic polymerization may occur.

**Lower explosive limit:** 1.1%

**Upper explosive limit:** 6.1%

**Vapour pressure (mmHg):** @ 20°C (68°F).  
6.67 hPa.

**By weight:** Not available.

**Specific gravity @ 20 °C:** Not available.

**Density:** @ 20°C.  
~ 1.4 g/cm<sup>3</sup>.

**Relative density:** Not available.

**Vapour density (air=1):** Not available.

**Evaporation rate**  
(butyl acetate = 1): Not available.

**Solubility in water (%):** 0.32 g/l @ 25°C (77°F).

**Coefficient of water\oil dist.:** Not available.

**Viscosity:** Not available.

**VOC:** Not available.

**Solid content:** Not available.

#### Section 10: STABILITY AND REACTIVITY

**Chemical stability:** Stable under normal conditions.

**Conditions of instability:** Heat, sparks & open flame.  
All ignition sources.  
Direct sunlight.

**Reactivity conditions:** No decomposition if used as directed.

**Hazardous polymerization:** May occur.  
Exothermic.

**Incompatible substances:** Strong acids.  
Oxidizing agents.  
Copper (Cu).  
Copper alloys.  
Brass

**Hazardous products of decomposition:** Toxic gases.

#### Section 11: TOXICOLOGICAL INFORMATION

##### Effects of Acute Exposure

**Route of entry:** Skin contact, eye contact, inhalation and ingestion.

**Eye contact:** Causes serious eye irritation.

**Skin contact:** May cause an allergic skin reaction.  
Causes skin irritation.

**Skin absorption:** Not available.

**Inhalation:** May cause respiratory irritation.

**Ingestion:** Not available.

**Effects of chronic exposure:** Causes damage to organs through prolonged or repeated exposure.

**Sensitization to product:** Not available.

**Carcinogenic effects:** Not available.

**Reproductive effects:** Suspected of damaging the unborn child.

**Teratogenicity:** Not available.

**Mutagenicity:** Not available.

**Synergistic materials:** Not available.

**LD50 of product, species & route:** No LD50 value established for the product.

**LC50 of product, species & route:** No LC50 value established for the product.

**Ingredients:**

C.A.S.	Ingredient Name	LD/50	LC/50
100-42-5	STYRENE	2650 MG/KG RAT ORAL  316 MG/KG MOUSE ORAL	11800 MG/M3/4H RAT INHALATION  9500 MG/M3/4H MOUSE INHALATION 21000 MG/M3/2H MOUSE INHALATION
108-31-6	MALEIC ANHYDRIDE	400 MG/KG RAT ORAL  465 MG/KG MOUSE ORAL  875 MG/KG RABBIT ORAL  2620 MG/KG RABBIT DERMAL	NOT AVAILABLE
64742-95-6	LIGHT AROMATIC SOLVENT NAPHTHA (C8-C10)	8400 MG/KG RAT ORAL	NOT AVAILABLE
7631-86-9	AMORPHOUS SILICA	NOT AVAILABLE	NOT AVAILABLE

## Section 12: ECOLOGICAL INFORMATION

**Environmental fate:** No data at this time.

**Environmental toxicity:** Styrene:

Toxicity to fish:

LC50 (Fish): 9 mg/l

Exposure time: 96 h

Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates:

EC50 (Daphnia): 4.7 mg/l

Exposure time: 48 h

Method: OECD Test Guideline 202

Toxicity to algae:

EC50 (Algae): 1.4 mg/l

Exposure time: 72 h

Method: OECD Test Guideline 201 .

Solvent naphtha (petroleum), light arom.:

Toxicity to fish:

LC50 (Fish): 9.2 mg/l

Exposure time: 96 h

Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates:

EC50 (Daphnia): 3.2 mg/l

Exposure time: 48 h

Method: OECD Test Guideline 202

Toxicity to algae:

EC50 (Algae): 2.9 mg/l

Exposure time: 72 h

Method: OECD Test Guideline 201.

## Section 13: DISPOSAL CONSIDERATIONS

**Waste disposal:** Dispose of in accordance with the federal, state or provincial and local pollution requirements.

Do not dispose in sewers.

Do not dispose of with normal garbage.

**Section 14: TRANSPORT INFORMATION**

**TDG classification:** RESIN SOLUTION  
UN1866  
Class 3  
PG III.

**DOT:** RESIN SOLUTION  
UN1866  
Class 3  
PG III.

**ICAO/IATA:** RESIN SOLUTION  
UN1866  
Class 3  
PG III.

**IMDG:** RESIN SOLUTION  
UN1866  
Class 3  
PG III.  
Limited quantities: 5 L.

**Special instructions:** Not available.

**Marine Pollutant:** Not available.

**Section 15: REGULATORY INFORMATION**

**DSL status:** Not available.

**CERCLA reportable quantity:** Styrene (100-42-5) 1000 lbs.  
Maleic Anhydride (108-31-6) - 5000 lbs.

**TSCA inventory:** The substance(s) which appear in section 2, with CAS numbers, appear on the TSCA inventory list.

**SARA Section 313:** Styrene (100-42-5).  
Maleic anhydride (108-31-6).

**SARA hazard categories sections 311/312:** Immediate (Acute) Health Hazard: Yes.  
Delayed (Chronic) Health Hazard: Yes.  
Fire Hazard: Yes.  
Sudden Release of Pressure: No.  
Reactive: No.

**CA Proposition 65:** This product contains a chemical known to the State of California to cause cancer or birth defects or other reproductive harm.  
Styrene (100-42-5).

**Health Hazard:** 2

**Flammability:** 3

**Physical hazard:** 0

**NFPA Health Hazard:** 2

**NFPA Flammability:** 3

**NFPA Reactivity:** 0

**NFPA:**



**Section 16: OTHER INFORMATION**

**Data prepared by:** Conform-Action Data Systems  
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