

CARWORX STEEL

Product: 138.587

Revision date: 2016/06/08

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product name: CARWORX STEEL.

Synonyms: None

Chemical family: Not available.

Product uses: Knife filler/surfacers.

Recommended restrictions on use: None known.

Supplier: CarWorx Distribution Inc.
165 Graveline
Ville St-Laurent, Quebec
H4T 1R3.

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 corrosion/irritation, category 2 Irritant.
Serious eye damage/eye irritation, category 2A Irritant.
Toxic to reproduction, category 2.
Specific target organ toxicity following single exposure, category 3.
Specific target organ toxicity following repeated exposure, category 1.

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.
 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): P101 If medical advice is needed, have product container or label at hand.
 P102 Keep out of reach of children.
 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 applicable.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

C.A.S.	CONCENTRATION %	Ingredient Name	EINECS#
100-42-5	20 - <25	STYRENE	202-851-5
64742-95-6	1.0 - <3.0	LIGHT AROMATIC SOLVENT NAPHTHA (C8-C10)	265-199-0
7429-90-5	1.0 - <3.0	ALUMINUM, ELEMENTAL	231-072-3

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 with water.
 Obtain emergency medical attention.

Inhalation: Remove victim to fresh air.
 Obtain medical attention.

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

Section 5: FIRE FIGHTING MEASURES

Flammability: Flammable.

Extinguishing media: Carbon dioxide.
 Water spray.
 Powder.
 Do not use full 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: Toxic gases.

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.
Notify the appropriate authorities as required.
Place in a closed container for disposal.
Do not flush with aqueous cleansing agents.
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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.
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 at 30°C.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Gloves/Type: Impervious gloves.
 Fluorocarbon rubber.
 Viton 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: Approved air purifying respirator for vapors.
 In case of brief exposure or low pollution use respiratory filter device.

Eye/Type: Tight fitting safety goggles.

Footwear/Type: Safety shoes per local regulations.

Clothing/Type: Wear adequate protective clothes.

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: Not available for mixture, see the ingredients section.

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
	64742-95-6	LIGHT AROMATIC SOLVENT NAPHTHA (C8-C10)	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
	7429-90-5	ALUMINUM, ELEMENTAL	1 MG/M3	15 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 applicable.

Boiling point (°C): 145°C.

Freezing point (°C): Not applicable.

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

Auto-ignition temperature (°C): 480

Explosive power: Not explosive, however formation of explosive air/vapour mixtures are possible.

Lower explosive limit: 1.2 Vol %.

Upper explosive limit: 8.9 Vol %.

Vapour pressure (mmHg): 6 hPa @ 20°C.
By weight: Not available.
Specific gravity @ 20 °C: Not available.
Density: 1.4 g/cm³.
@ 20°C.
Relative density: Not available.
Vapour density (air=1): Not available.
Evaporation rate (butyl acetate = 1): Not available.
Solubility in water (%): Not miscible or difficult to mix.
Coefficient of water\oil dist.: Not available.
Viscosity: Not available.
VOC: Not available.
Solid content: Not available.

Section 10: STABILITY AND REACTIVITY

Chemical stability: No decomposition if stored and applied as directed.
Conditions of instability: Heat, sparks & open flame.
All ignition sources.
Direct sunlight.
Reactivity conditions: No decomposition if used as directed.
Hazardous polymerization: Exothermic.
Incompatible substances: Peroxides.
Other radical components.
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: Causes skin irritation.
Skin absorption: Not available.
Inhalation: Not available.
Ingestion: Not available.
Effects of chronic exposure: Causes damage to organs through prolonged or repeated exposure.
Sensitization to product: None known.
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: Not available for mixture, see the ingredients section.

LC50 of product, species & route: Not available for mixture, see the ingredients section.

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
64742-95-6	LIGHT AROMATIC SOLVENT NAPHTHA (C8-C10)	8400 MG/KG RAT ORAL	NOT AVAILABLE
7429-90-5	ALUMINUM, ELEMENTAL	NOT AVAILABLE	NOT AVAILABLE

Section 12: ECOLOGICAL INFORMATION

Environmental fate: No data at this time.

Environmental toxicity: Danger to drinking water, even in small quantities.
Do not allow material to contaminate ground water.

Section 13: DISPOSAL CONSIDERATIONS

Waste disposal: 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: Limited Quantity.
5 L

Marine Pollutant: Not available.

Section 15: REGULATORY INFORMATION

DSL status: Not available.

CERCLA reportable quantity: Not available.

TSCA inventory: Not available.

SARA Section 313: Not available.

SARA hazard categories sections Immediate (Acute) Health Hazard: Yes.

311/312: Delayed (Chronic) Health Hazard: No.

Fire Hazard: Yes.

Sudden Release of Pressure: No.

Reactive: No.

CA Proposition 65: Not available.

Health Hazard: 2

Flammability: 3

Physical hazard: 0

NFPA Health Hazard: 2

NFPA Flammability: 3

NFPA Reactivity: 0

NFPA:



Section 16: OTHER INFORMATION

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