

U. S. Corrosion Technologies, LLC
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Aerosol

MaxWax™ Safety Data Sheet

1. IDENTIFICATION

Product Name: MaxWax™ aerosol
Product Number: 78002
Product Type and Use: Coating / Corrosion Inhibitor
Manufacturer: U.S. Corrosion Technologies, LLC
2638 National Drive, Garland, TX 75041
Telephone: 972-271-7361 Fax: 972-278-9721
Contact: CHEMTREC® New Zealand (Auckland) +(64)-98010034
Emergency Telephone: NZ Poison emergency no: 0800 POISON (0800 764 766)
Distributor in New Zealand: Corrosion Control NZ
48 Riverside drive
Whangarei 0112
Northland
New Zealand
Tel: +64 9-438-88-00
Email: tom@corrosionx.org

2. HAZARDS IDENTIFICATION

Hazard Classification

Health Hazard(s)

Eye Irritation Category 2B
Skin Irritation Category 2
STOT-SE Category 3

Physical Hazard(s)

Gases Under Pressure Compressed Gas
Flammable Aerosols Category 1

Hazard(s) not otherwise classified

None

Labeling

Signal Word:

DANGER

Pictograms:

Exclamation Mark, Health Hazard, Flame, Gas Cylinder



Statements of Hazard

Hazard Statements

Extremely flammable aerosol
Causes skin and eye irritation
May cause respiratory irritation, drowsiness or dizziness
Contains gas under pressure; may explode if heated

Precautionary Statements

Store locked up. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 122°F/50°C. Store in a well-ventilated place. Keep away from heat, hot surfaces, sparks and open flames - No smoking. Do not spray on an open flame or other ignition source. Wear eye protection and protective gloves. Wash hand thoroughly after handling. Take off contaminated clothing and wash it before reuse. Use only outdoors or in a well-ventilated area. Avoid breathing mist and vapors. Dispose of contents and container in accordance with applicable regulations.
If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.
If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Percent by Wt.
Solvent naphtha (petroleum), medium aliphatic	64742-88-7	25-30*
Isobutane	72-28-5	15-20*
Propane, liquefied	74-98-6	15-20*
Calcium Carbonate	471-34-1	1-5*

* Exact percentage of composition has been withheld as a trade secret

4. FIRST AID MEASURES

General Advice: May cause irritation to skin and eyes; avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Use with adequate ventilation. Avoid breathing mist or vapor; inhalation overexposure may cause irritation, dizziness and drowsiness. Extremely flammable aerosol; keep away from heat, hot surfaces, sparks, hot surfaces and open flame.
Inhalation: Remove from exposure area to fresh air. Give artificial respiration if not breathing. Get medical attention.
Skin Contact: Wipe excess from skin; remove contaminated clothing. Wash from skin with mild soap and water.
Eye Contact: Flush eyes with plenty of water for 15 minutes while holding eyelids open. Seek medical attention if irritation persists.
Ingestion: Give water, DO NOT induce vomiting. No treatment necessary unless large quantities are ingested, then seek medical advice.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Suitable: Carbon Dioxide, Dry Chemical, and Foam

Unsuitable: Water, Alcohol, Alcohol based solutions, any other media not listed above.

Fire Fighting Procedures: As in any fire, wear self-contained breathing apparatus, pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Unusual Fire and Explosion Hazards: Solvent vapors are heavier than air and may travel to distant, low lying sources of ignition and may ignite and explode. Flame extension: >18 inches, Burnback: > 10 inches

Hazardous Combustion/ Decomposition Products: Oxides of carbon, nitrogen, sulfur and hydrogen chloride

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions / Protective Equipment / Emergency Procedures: Use caution as spills may be slippery. Ensure adequate ventilation. Use personal protective equipment. Remove all sources of ignition and take precautionary measures against static discharges.

Methods and materials for containment and cleaning up: Do not flush into surface water or sanitary sewer system. Dike and contain spillage. Soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite). Use clean non-sparking tools to collect absorbed material and transfer to a properly labeled container for disposal according to local / national regulations.

7. HANDLING AND STORAGE

HANDLING

Precautions for Safe Handling: Avoid contact with skin, eyes and clothing. Use with adequate ventilation. Avoid breathing mist or vapors. Wash thoroughly after handling: remove contaminated clothing and wash before reuse. Avoid ignition sources. Do not puncture or incinerate container. Follow all SDS/label precautions even after container is empty due to residue.

STORAGE

Conditions to avoid: Store in a cool, dry, well-ventilated place in the original container. Avoid excess heating, high temperatures, sparks, hot surfaces, open flames, and all other sources of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS

Component	ACGIH		OSHA		STEL ppm	STEL mg/m3	IDLH
	TLV ppm	TLV mg/m3	PEL ppm	PEL mg/m3			
Solvent naphtha (petroleum), medium aliphatic	100	-	500	-	-	-	-
Isobutane	1000	1800	1000	1800	-	-	-
Propane, liquefied	1000	1800	1000	1800	-	-	-
Calcium Carbonate	-	-	-	15 (total dust)	-	-	-

Engineering Controls: Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas.

Personal Protection

Respiratory Protection: None required under normal use conditions. In case of insufficient ventilation and for exposures above occupational exposure limits wear a NIOSH approved air purifying respirator with organic vapor cartridge.

Hand / Skin Protection: Wear impermeable gloves such as neoprene or nitrile rubber gloves. Gauntlets and apron depending on the extent and duration of exposure.

Eye / Face Protection: Safety glasses with side-shields. An eyewash station should be available to the area of use.

General Hygiene Measures: Avoid contact with eyes and skin. Always wash hands and face before eating, drinking or smoking. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Opaque	Lower Explosive Limit, vol %:	0.6
Physical State:	Viscous liquid	Ignition Temperature:	265°C (509°F)
Odor:	Solvent	Volatile by volume (%):	44
Color:	Dark-Brown	Vapor Density (Air=1) :	>1
Viscosity, cSt @ 40°C:	Not established	Evaporation Rate (BuAc=1) :	<0.01
cSt @ 100°C:	Not established	Vapor Pressure, mmHg @23°C:	6226 mmHg
pH:	Not applicable	Solubility in water:	Insoluble
Boiling Point/ Range:	Not established	Octanol/Water Partition:	Not established
Melting Point:	Not established	VOC Content g/L (%):	440 (44)
Flash Point:	Not established	Specific Gravity @15.6°C:	0.88-0.92
Method:	Not applicable	Pour Point:	Not established
Upper Explosive Limit, vol %:	10.9	Non-volatile by Volume (%):	56

10. STABILITY AND REACTIVITY

Stability: Stable at ambient temperatures.

Conditions to Avoid: Avoid high temperatures, sparks, open flame, and all other sources of ignition.

Hazardous Polymerization: Will not occur.

Materials to Avoid: Bases, acids, amines and oxidizing materials.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information: Ori-rat LD50 >6500 mg/kg, Skn-Rbt - >3000 mg/kg, Ihl-rat LC50 14 mg/L 4 h

Ingredient Information: Not established

Acute Effects

Signs and Symptoms of Overexposure: Skin Irritation, Eye Irritation, Coughing, Sneezing, Dizziness, Drowsiness

Inhalation: May cause coughing and sneezing. Prolonged and repeated inhalation may cause nausea, dizziness and drowsiness.

Skin Contact: Prolonged or repeated contact may cause mild irritation in sensitive individuals.

Eye Contact: May cause stinging, tearing and redness.

Ingestion: May cause nausea, vomiting and diarrhea.

Primary Route(s) of Exposure: Eyes, Skin, Inhalation

Primary Route(s) of Entry: Inhalation, Ingestion

Target Organs: Skin, Eyes, Central Nervous System, Lungs

Chronic Effects: None known

Carcinogenicity: Not established

Medical Conditions Aggravated by Exposure: May aggravate existing skin, eye and respiratory conditions such as asthma and dermatitis.

12. ECOLOGICAL INFORMATION

Product Data: Not established

Ingredient Data: Not established

Elimination Information: Not established

13. DISPOSAL CONSIDERATIONS

Product: Dispose of in accordance with local regulations. Smaller quantities can be disposed of with household waste.

Container: Empty remaining contents. Empty containers should be taken for local recycling, recovery, or waste disposal. Empty containers may contain residues. Do not cut, weld, grind, puncture or incinerate empty containers.

14. TRANSPORT INFORMATION

Road Transport

DOT Hazard Class: ORM-D

Sea Transport

IMDG/GGV See Class: Class 2.1

UN-No.: 1950

Packing Group: II

Proper Shipping Name: Aerosols, Flammable

Air Transport

ICAO/IATA Class: Class 2.1

UN-No.: 1950

Packing Group: II

Shipping Name: Aerosols, Flammable

15. REGULATORY INFORMATION

U.S. Federal Regulations

Toxic Substances Control Act (TSCA): All components are included on the Inventory

Superfund Amendments and Reauthorization Act (SARA) Title III:

Immediate Hazard	Delayed Hazard	Fire Hazard	Pressure Hazard	Reactivity Hazard
X	-	X	X	-

New Zealand

Considered a Hazardous Substance according to the criteria of the New Zealand Hazardous Substances New Organisms legislation.

HSNO classification: 6.3A, 6.4A, 6.9B, 6.1E, 2.1.2A

HSNO Approval Number: HSR002515 - Aerosols (Flammable) Group Standard

HSNO Approval Number: HSR001009 - LPG (liquefied petroleum gas)

Classified as a Dangerous Good according to NZS5433:2007 Transport of Dangerous Goods on Land.

NZIoC (New Zealand Inventory of Chemicals): All components are listed on the NZIoC inventory or are exempt.

16. OTHER INFORMATION

Prepared by: U.S. Corrosion Technologies, LLC Technical Services Department

Revision Date: March 5, 2019

Supersedes Date: July 10, 2015

Revision Indicator: v1.2

Addition of HSNO classification

National Fire Protection Association (704)

Health: 1

Flammability: 4

Reactivity: 3

Other:

NFPA 30 B – Category 3 Aerosol

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 damage incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the chemical and application of such products is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers. It is the sole responsibility of the user to comply with all applicable Federal, State and Local Laws and Regulations. Any questions with regards to information contained herein should be referred to: U. S. Corrosion Technologies, LLC (972) 271-7361.