

Material Safety Data Sheet

(ANSI Z400.1-2004)



Printed

24.02.2013

Revision

24.02.2013 (Can) Version 4.2

Rust Protection 2000 Plus charcoal-grey

01 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product trade name Rust Protection 2000 Plus charcoal-grey
Product code 110120
Chemical family Solvent based propellant spray.
Product use Technical aerosols
Manufacturer Weicon GmbH & Co. KG
Königsberger Straße 255,
D-48157 Münster
Telephone: +49 (0) 251 / 9322 - 0
Telefax: +49 (0) 251 / 9322 - 244
e-mail: info@weicon.de
Internet : www.weicon.de

Responsible for the safety data sheet: sds@gbk-ingelheim.de

Supplier WEICON Inc.
20 Steckle Place, Unit 20
Kitchener, Ontario N2E 2C3
Telephone: 519 896 5252
Telefax: 519 896 5254
e-mail: info@weicon.ca

Emergency advice 0 11 49 178 433 74 34 (CONSULTANK Lutz Harder GmbH)

02 HAZARDS IDENTIFICATION

Emergency overview DANGER: Extremely flammable. Contents under pressure.
Potential Health Effects Repeated exposure may cause skin dryness or cracking.
Inhalation of vapors may cause drowsiness and dizziness.
Routes of entry Skin and eye contact and inhalation
Carcinogenicity NTP:No IARC:No OSHA:No
WHMIS Classification

Class A, B5, D2B



03 COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS#	% by wt.
Butane	106-97-8	10 – 25
Aluminium powder (stabilized)	7429-90-5	≤2.5
n-butyl acetate	123-86-4	2.5 – 10
Xylene	1330-20-7	2.5 – 10
Naphtha (petroleum), hydrosulfurized	64742-82-1	2.5 – 10

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Solvent naphtha (petroleum), light arom.	64742-95-6	2.5 – 10
Propane	74-98-6	10 – 25

04 FIRST AID MEASURES

Skin	Remove contaminated clothing immediately. In case of contact with skin wash off with soap and water. Consult a doctor if irritation persists.
Eyes	Wash eyes immediately with large amounts of water for about 15 minutes, especially under the eyelids. Consult an eye specialist immediately if irritation occurs.
Ingestion	If person is conscious, rinse mouth with water and give water to dilute stomach contents. Do not induce vomiting. Never give anything by mouth to an unconscious person. Obtain medical attention immediately.
Inhalation	In the event of excessive inhalation, remove the individual to fresh air and keep him immobile. In the event of symptoms seek medical assistance immediately.

05 FIRE AND EXPLOSION DATA

Flash point	-97 °C
Extinguishing media	Dry powder, carbon dioxide, sand
Extinguishing media not to be used for safety reasons	water
Special hazards during fire fighting	Danger of bursting. Fight fires from a safe distance due to explosion hazard. Vapors are heavier than air and will spread on the ground.
Hazardous combustion products	Emits toxic fumes under fire conditions.
Special fire-fighting procedures	Use self-contained breathing apparatus and full protective clothing to prevent contact with skin and eyes. Cool endangered containers with water spray jet. Fire residues and contaminated firefighting waters must be disposed of in accordance with local regulations.

06 ACCIDENTAL RELEASE MEASURES

Spill and leak procedures	Ensure adequate ventilation. Wear appropriate personal protective equipment. Keep away sources of ignition. Pick up using inert absorbents and place into suitable containers for disposal.
Pollution control measures	Do not allow untreated product into sewers, surface or ground water.

07 HANDLING AND STORAGE



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Handling

Use only in well ventilated area with local exhaust ventilation. Keep away from heat and ignition sources. Do not smoke. Do not spray into flames or any burning material. Do not pierce or burn even after use. Vapors can form an explosive mixture with air. Heating may cause the container to burst violently.

Storage

Keep container tightly closed and store in cool, dry, well ventilated area away from heat. Observe precautions for storage of compressed gas cylinders and flammable material storage. Do not store with combustible materials. Protect from heat and direct solar radiation. Storage temperature may not exceed 50 °C (122 °F).

08 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS:

Component	CAS#	Exposure limits
Aluminium metal, inhalable dust	7429-90-5	10 mg/m ³ TWA ACGIH
Butane	106-97-8	1000 ppm TWA ACGIH
Xylene, o-, m-, p- or mixed isomers	1330-20-7	100 ppm TWA, 150 ppm STEL ACGIH

Skin protection

Use protective clothing to prevent skin contact. Wear nitrile rubber gloves; 0.4 mm; 480 min.; 60 min.

Eye protection

Use of safety glasses with side shields is recommended.

Respiratory protection

Use NIOSH approved respirator in the event of insufficient ventilation and aerosol or mist formation.

General Protection and Hygiene measures

Do not inhale gases/vapors/aerosols. Do not eat, drink or smoke when working. Wash hands/or face before taking breaks and at the end of work.

09 PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Pressurized gas	Physical form	Aerosol
Color	Silver-grey	Odor	Solvent-like
Flashpoint	Approx. -97 °C		
Auto-ignition	365 °C		
Lower explosion limit	1.5 Vol.%		
Upper explosion limit	10.9 Vol.%		
Vapor pressure	8300 hPa at 20 °C		
Density	Not determined		
Solubility in water	immiscible		



09 PHYSICAL AND CHEMICAL PROPERTIES

Explosive properties The product is considered non-explosive; nevertheless explosive vapor/air mixtures can be generated.

10 STABILITY AND REACTIVITY

Chemical stability Stable; no decomposition if used as directed.

Hazardous decomposition products Carbon monoxide and carbon dioxide.

Polymerization None

Incompatibilities Keep away from heat. Avoid formation of explosive gas/air mixtures.

11 TOXICOLOGICAL INFORMATION

Skin irritation Non irritant

Eye irritation Non irritant

Skin sensitization Non sensitizing

General experience Inhalation of vapors may cause dizziness, headaches and tiredness.

12 ECOLOGICAL INFORMATION

Biological degradability Not determined

Additional information Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Do not discharge product into the environment. Do not release into the aquatic environment.

13 DISPOSAL CONSIDERATIONS

Product disposal Dispose in accordance with federal, state or local regulations. Empty packaging can be disposed via recyclable waste collectors.

General information For proper waste disposal, a complete emptying of the tin is necessary.

14 TRANSPORT INFORMATION

TDG / DOT shipping name AEROSOLS, flammable, Class 2.1, UN 1950

Marine transport IMDG AEROSOLS, flammable, Class 2.1, UN 1950

Air transport ICAO/IATA AEROSOLS, flammable, Class 2.1, UN 1950



15 REGULATORY INFORMATION

Note: Entries under Section 15 cover only those regulations typically addressed in the MSDS generating process, such as TSCA and EPCRA/SARA Title III.

USA TSCA status	All of the components are on the TSCA Inventory.
Canadian DSL status	All of the components are listed on the DSL Inventory.
SARA Title III	This product contains xylene (max. 10%) which is a toxic chemical subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information by CPR.

16 OTHER INFORMATION

Further information	Federal and local chemical regulations should be observed.
WHMIS HAZCOM Label	EXTREMELY FLAMMABLE. CONTENTS UNDER PRESSURE. HARMFUL BY INHALATION.

To the best of our knowledge, the information contained in this MSDS is accurate. It is intended to assist the user in his evaluation of the product's hazards, and safety precautions to be taken in its use. The data on this MSDS relate only to the specific material designated herein. We do not assume any liability for the use of, or reliance on this information, nor do we guarantee its accuracy or completeness.