

KRAFFT, S.L. Unipersonal
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SAFETY DATA SHEET

1. IDENTIFICATION OF THE MIXTURE

Product identifier: COPPER SPRAY-A-GASKET 9 OZ
Recommended use: Sealant
Item Number: 35580

2. HAZARDS IDENTIFICATION

Classification and labelling according to Directive 1999/45/EC



Most Important Hazards:

Warning! Container under pressure. Highly flammable. Suspect cancer hazard - risk of cancer depends on duration and level of exposure. Contact with eyes may cause irritation. Repeated exposure may cause skin dryness or cracking. May cause drowsiness and dizziness.

Classification and labelling according to CLP (EC No.1272/2008)



Classification:

Flammable aerosol, Category 1
Skin irritation, Category 2
Eye irritation, Category 2A
Carcinogenic, Category 2
Target Organ Systemic Toxicant - Single exposure, Category 3
Target Organ Systemic Toxicant - Repeated exposure, Category 2

Statements of hazard:

Danger
Extremely flammable aerosol
Causes skin irritation
Causes serious eye irritation
Suspected of causing cancer
May cause drowsiness or dizziness
May cause damage to organs through prolonged or repeated exposure

Precautions for safe handling:

Keep out of the reach of children
 Do not handle until all safety precautions have been read and understood
 Keep away from heat/sparks/open flames/hot surface –
 No smoking.
 Do not spray on an open flame or other ignition source
 Do not pierce or burn, even after use
 Do not breathe dust/fume/gas/mist/vapours/spray
 Use only outdoors or in a well-ventilated area
 Use personal protective equipment as required
 Wash thoroughly after handling

Other Information:

The classification as a carcinogen and/or mutagen does not apply since it has been shown that the substance contains less than 0.1% w/w 1,3-butadiene (EINECS No. 203-450-8).

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component:	Weight%	EC Number	EU Classification 67/548/EEC	GHS Classification
PETROLEUM GASES, LIQUEFIED, SWEETENED 68476-86-8	30-60	270-705-8	F+; R12 Carc. Cat. 1; R45 Muta. Cat. 2; R46 Nota K	Flam. Gas 1 Muta. 1B Carc. 1B Note K
ACETONE 67-64-1	15-40	200-662-2	F;R11 R66 R67 Xi;R36	Flam. Liq. 2 Eye Irrit. 2A STOT SE 3
DICHLOROMETHANE 75-09-2	15-40	200-838-9	Carc. Cat.3;R40	Skin Irrit. 2 Eye Irrit. 2 Carc. 2 STOT SE 3 STOT RE 2
ETHYL ACETATE 141-78-6	<10	205-500-4	F;R11 R66 R67 Xi;R36	Flam. Liq. 2 Eye Irrit. 2 STOT SE 3
SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPH. 64742-89-8	<5	265-192-2	F;R11 Carc.Cat.2;R45 Nota P Xn;R65 Xi;R38 N;R51/53	Muta. 1B, Nota P Carc. 1B, Nota P Asp. Tox. 1
COPPER 7440-50-8	<2	231-159-6	None	None

4. FIRST-AID MEASURES

General Information:

Inhalation:

If you feel unwell, seek medical advice (show the label where possible).
 Move to fresh air in case of accidental inhalation of vapours. Oxygen or artificial respiration if needed. Obtain medical attention.

Skin Contact:

Wash off with soap and water. If skin irritation persists, call a physician.

Eye Contact:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

Ingestion:

If swallowed, do not induce vomiting - seek medical advice. Never give anything by mouth to an unconscious person.

Protection of first-aiders:

Avoid contact with skin, eyes and clothing.

Notes to Physician:

Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Carbon dioxide (CO2), Dry chemical, foam

5. FIRE-FIGHTING MEASURES

Extinguishing media which must not be used for safety reasons: None reasonably foreseeable

Special instructions for protection and hygiene: Flammable. Keep away from heat and sources of ignition. Thermal decomposition can lead to release of irritating gases and vapours.

Special protective equipment for firefighters: Use personal protective equipment. Avoid contact with eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: For additional information on processing see sections 7, 8 and 11 of this safety data sheet.

Environmental Precautions: Do not flush into surface water or sanitary sewer system.

Cleanup: Ensure adequate ventilation. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

7. HANDLING AND STORAGE

Handling precautions: FLAMMABLE. Keep away from sources of ignition - No smoking. Avoid breathing vapors or mists. Avoid contact with the skin and the eyes. Wash thoroughly after handling.

Storage: Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Component:	ACGIH; TLV-TWA	German MAK; TWA	UK WEL; TWA	Finnish OEL; HTP
PETROLEUM GASES, LIQUEFIED, SWEETENED 68476-86-8	Not listed	Not listed	Not listed	Not listed
ACETONE 67-64-1	500 ppm	500 ppm; 1200 mg/m ³	500 ppm; 1210 mg/m ³	8h: 500 ppm; 1200 mg/m ³ ; 15min: 630 ppm; 1500 mg/m ³
DICHLOROMETHANE 75-09-2	50 ppm	75 ppm; 260 mg/m ³	100 ppm; 350 mg/m ³	8h: 100 ppm; 350 mg/m ³ ; 15min: 250 ppm; 880 mg/m ³
ETHYL ACETATE 141-78-6	400 ppm	400 ppm; 1500 mg/m ³	200 ppm	8h 300 ppm, 1100 mg/m ³ ; 15min 500 ppm, 1800 mg/m ³
SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPH. 64742-89-8	Not listed	Not listed	Not listed	Not listed
COPPER 7440-50-8	0.2 mg/m ³	0.1 mg/m ³	0.2 mg/m ³	8h; 1 mg/m ³

Ventilation: Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Respiratory Protection: An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits.

Skin: Neoprene or nitrile gloves recommended.

Eyes: Safety glasses

Hygiene Measures: When using, do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Copper liquid

Odor: Solvent

pH: Does not apply

Boiling point/range: No information available

Melting point: Not determined

Flash point: <0 C.

Risk of explosion: Flammable. Keep away from heat and sources of ignition. Vapours are heavier than air and may spread along floors.

Vapor pressure: 41-51 psig

9. PHYSICAL AND CHEMICAL PROPERTIES

Density: 0.93
Solubility in water: Negligible
Partition coefficient (n-octanol/water): Not determined
Vapor density: >1 (Air = 1)
Evaporation Rate: >1.0 (butyl acetate = 1)
VOC Content(%): <45%

10. STABILITY/REACTIVITY

Stability: Stable under normal conditions.
Conditions to Avoid: Keep away from heat, sparks and open flame. - No smoking.
Materials to avoid: Strong oxidizing agents, Heavy metal salts
Hazardous decomposition products: Carbon oxides, Chlorine, Phosgene, Hydrogen chloride gas, Barium

11. TOXICOLOGICAL INFORMATION

Component:	Weight%	LD50/oral/rat	LD50/dermal/rabbit	LC50/inhalation/rat	IARC Carcinogen
ACETONE 67-64-1	15-40	5800 mg/kg			
DICHLOROMETHANE 75-09-2	15-40	>2000 mg/kg		76000 mg/m ³ (4H)	Group 2B: Monograph 41, Supplement 7, Monograph 71; 1998
ETHYL ACETATE 141-78-6	<10	5620 mg/kg	>20mL/kg, >18000 mg/kg		
SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPH. 64742-89-8	<5	5000 mg/kg	3000 mg/kg		

Local Effects

Skin Irritation: Repeated exposure may cause skin dryness or cracking.
Eye Irritation: Irritating, but will not permanently injure eye tissue. Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation.
Inhalation: May cause irritation of respiratory tract. Exposure to decomposition products may be a hazard to health. Symptoms of overexposure may result in respiratory tract irritation, headache, dizziness, tiredness, nausea, vomiting and central nervous system depression.
Ingestion: Irritating to mouth, throat and stomach. May cause vomiting.
Sensitization: None reasonably foreseeable.
Chronic toxicity: May cause cancer by inhalation.

Specific Effects

Carcinogenic effects: This product contains one or more substances which are classified in the EU as carcinogenic
Mutagenic effects: None reasonably foreseeable.
Reproductive toxicity: None reasonably foreseeable
Target Organ Effects: Eyes, Skin, Respiratory System

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available

13. DISPOSAL CONSIDERATIONS

Waste from Residues: According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.
RoHS/WEEE: This product is in compliance with EU Directive 2011/65/EU Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) and EU Directive 2002/96/EC Restriction on waste electrical and electronic equipment (WEEE).

14. TRANSPORT INFORMATION

IATA (Air)

Proper Shipping Name: Consumer Commodity
Hazard Class: Class 9
UN/ID No: ID 8000

IMDG (Vessel)

Proper shipping name: Aerosols, Limited Quantity
Hazard Class: Class 2.1
UN/ID No: UN 1950
Marine Pollutant: Copper

ADR/RID

Proper Shipping Name: Aerosols
Hazard Class: Class 2.1
UN/ID No: UN 1950
ADR/RID: Limited Quantity; LQ2

15. REGULATORY INFORMATION

This product is classified in accordance with Annex VI to Directive 67/548/EEC

Suspect cancer hazard. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. The classification as a carcinogen and/or mutagen does not apply since it has been shown that the substance contains less than 0.1 % w/w 1,3-butadiene (EINECS No. 203-450-8).

Indication of Danger: F - Highly flammable, Xn - Harmful

Names of the ingredients given on the warning label:

Acetone, Dichloromethane

R -phrase(s):

R11 - Highly flammable
R36 - Irritating to eyes
R40 - Limited evidence of a carcinogenic effect
R66 - Repeated exposure may cause skin dryness or cracking
R67 - Vapours may cause drowsiness and dizziness

S -phrase(s):

S 2 - Keep out of the reach of children
S16 - Keep away from sources of ignition - No smoking
S23 - Do not breathe vapour
S24/25 - Avoid contact with skin and eyes
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S36/37 - Wear suitable protective clothing and gloves

16. OTHER INFORMATION

Risk Phrases mentioned in Section 3:

R11 - Highly flammable.
R12 - Extremely flammable.
R36 - Irritating to eyes.
R38 - Irritating to skin.
R40 - Limited evidence of a carcinogenic effect
R45 - May cause cancer.
R65 - Harmful: may cause lung damage if swallowed.
R66 - Repeated exposure may cause skin dryness or cracking.
R67 - Vapours may cause drowsiness and dizziness
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Product Name: COPPER SPRAY-A-GASKET 9 OZ

Item No. 35580

16. OTHER INFORMATION

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