



SAFETY DATA SHEET

(Conform Reach)

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Date of creation : 01/12/2005

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GUARD INDUSTRY

BIO DECAP'PEINTURES GUARD®

1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING

Type of product : Bio-remover for cleaning painted surfaces
Use : See product bulletin for detailed information.
Company identification : Manufactured: UK & Ireland:
GUARD INDUSTRIE **GUARD INDUSTRY (UK) LTD**
7 rue Gutenberg 7200 The Quorum
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2 HAZARDS IDENTIFICATION

Risk phrases
Primary route of exposure : Eyes and skin contact.
- Inhalation : Irritant for airways.
- Skin contact : This product is not dangerous. Lightly irritant
- Eye contact : Irritant by ocular contact.
- Ingestion : Ingestion unlikely.
Specific hazards : Attacks many plastics. Reacts with strong acids and combustive substances, light metals finely divided.

3 COMPOSITION / INFORMATION ON INGREDIENTS

Constituents / impurities : Mixture of organic solvent, surfactants and organic acids.

Substance name	Volume	N° CAS	N° CE	N° index	Classification
Formic acid	1%<c<5%	64-18-6	20 0-579-1		C: R35

4 FIRST AID MEASURES

First aid measures
- Inhalation : Take the subject out of the contaminated area, and allow breathing plenty of fresh air. Consult a doctor eventually.
- Skin contact : Take off immediately every soiled or splashed clothes. Wash abundantly and immediately during 15 minutes with soapy water. If the skin irritation persists, consult a doctor.
- Eye contact : Rinse immediately and abundantly with clean and cool water, at least for 10 minutes, while regularly pulling up the eyelid. Consult a doctor immediately if the pain, blinking, whimpering or the redness persist.
-Ingestion : Rinse mouth. Do not initiate vomiting. Consult immediately a doctor.

5 FIRE – FIGHTING MEASURES

Flammable class : Non- flammable
Specific hazards : Keep away from hard oxidizers.
Extinguishing media : Powder, moss, pulverised water, sand. Do not use water-jet.
Protection against fire : Wear adequate protection equipment.
Special procedures : Fire can produce a heavy black smoke. Consequently to the thermal decomposition, dangerous substances may be formed: carbon monoxide, carbon dioxide. The exposure to these substances can be dangerous for health.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions : Supply adequate protection to cleaning teams.
Clean up methods : Sweep or collect spilt product and put it in a suitable vessel for removal and subsequent disposal. Dilute all residues and rinse with water. Avoid pouring into sewers.



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7 HANDLING AND STORAGE

Handling:

Precaution

: Do not eat, drink or smoke in places where we use the product. Avoid skin and eyes contact. Shower, ocular bath and watering place close by.

Technical measures

: Do not use compressed air to fill a bole or to carry out. Wear security glasses well closed.

Advice when using product

: Open the packs carefully to avoid any splashing. Do not neutralize empty packs without cleaning or appropriate recycling.

Stocking:

Precautions

: Always keep the product in a pack with the same nature as the original one. Keep out of the reach of children.

Conditions for storage

: Keep if possible in a dry, well ventilated place and away from incompatible products. Keep within a temperature superior to 5°C.

Incompatible material

: Strong acids, bases and combustibile substances. Material type to use for the pack: plastic materials.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Individual protection

Limit of exposure

: Formic acid 99%: VME ppm = 5 – VME mg/m3 = 10 – VLE mg/m3 = 19.

Respiratory protection

: No need for any respiratory protection equipment under normal conditions of use but do ensure adequate ventilation.

Hand protection

: Wear appropriate gloves in nitrile rubber or resistant to solvents.

Skin protection

: Wear appropriate apron and boots resistant to solvents and chemical products.

Eye protection

: Wear security glasses with a lateral protection to avoid any damage due to volatile particles and/or to any eye contact with the product.

Industrial hygiene

: Local extraction and general ventilation have to be sufficient to insure the conformity of exposure norms. Emergency eyes cleaners have to be installed close to any place where there is a risk of exposure.

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical appearance at 20°C

: Gel

Colour

: White

Odour

: Perfumed

pH value

: 3.8

BoilingPoint

: 100

Fusion point

: -20°C

Decomposition temperature

: > 450°C

Density

: 1.05g/cm3

Solubility in water

: Can break up

Liposolubility

:

Solubility in solvents

: Can break up

Flash point [°C]

: >110°C

10 STABILITY AND REACTIVITY

Stability and reactivity

: Stable under normal conditions of use.

Hazardous decomposition products

: Strong bases and strong oxidizers.

11 TOXICOLOGICAL INFORMATION

Acute toxicity:

Inhalation

: The respiration of vapours' solvents can provoke headache.

Skin contact

: Some components of the product can be absorbed by the skin.

Eyes contact

DL50/Cutaneous/rat => 5000 mg/Kg

Ingestion

: Some spatters in eyes can provoke light irritations (pain, redness).

: Can provoke an irritation of the digestive apparatus, sickness, vomiting and diarrhoea (abdominal pain). DL50/orale/rat => 2500 mg/Kg.

Chronic toxicity

: Non mutagenic (AMES test).



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12 ECOLOGICAL INFORMATION

Mobility	: Absorption / desorption.
Obstinacy / degradability	: Easily biodegradable.
Bioaccumulation potential	: No bioaccumulation.
Effects on the environment	: In a high concentration in water, some harmful effects due to the pH are observed on the aquatic life. LC50 96h (fish) > 100mg/l

13 DISPOSAL CONSIDERATIONS

Waste/Products not used	: Collect all waste in an appropriate and labelled container and dispose in accordance to local rules. Do not throw waste in sewers. Can be burnt, in accordance with local rules. Has to be neutralized before evacuation.
Soiled containers	: The use of the container is only planned for this product. Do not burn empty boles. Empty containers can be put in dumps following the local rules. After using, rinse it carefully and give it back empty and well closed to your supplier. Dispose waste in accordance to the law of chemical waste. If necessary, inform the competent local authorities.

14 TRANSPORT INFORMATION

ADR/RID	: Not classified
IATA	: Not classified
IMDG	: Not classified

15 REGULATORY INFORMATION

Symboles	: None.
R Phrases	: None.
S Phrases	: S23: Do not inspire gas/smoke/vapours/aerosols. S26: In case of eyes contact, wash immediately and abundantly with water and consult a specialist.
Supplementary information	: VOC: 48% = 504 g/l

16 OTHER INFORMATION

Other data	
Heading n°2; Phrase R	: R35: Provokes serious burns
Application or normal use	: Paint stripper and plastic coating.

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