

Safety Data Sheet FINISSAGE

Safety Data Sheet dated 3/8/2007, version 8.0

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

Trade name: FINISSAGE
Trade code: 1069
Product type and use: Insulating primer for metallic surfaces
Supplier:
IMPA Spa - Via Crevada 9/E - 31020 SAN PIETRO DI FELETTO (TV) - ITALY
Emergency telephone number of the company:
IMPA Spa - Phone ++39-0438-4548 - Fax ++39-0438-454915
Competent person responsible for the safety data sheet:
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2. HAZARDS IDENTIFICATION

R Phrases:
R10 Flammable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components within the meaning of Council Directive 67/548/EEC and corresponding classification or where are known exposition limits:

7% - 10% xylene

N.67/548/EEC: 601-022-00-9 CAS: 1330-20-7 EC: 215-535-7
Xn,Xi; R10-20/21-38

3% - 5% ethyl acetate

N.67/548/EEC: 607-022-00-5 CAS: 141-78-6 EC: 205-500-4
F,Xi; R11-36-66-67

1% - 3% 2-methoxy-1-methylethyl acetate

N.67/548/EEC: 607-195-00-7 CAS: 108-65-6 EC: 203-603-9
Xi; R10-36

1% - 3% isobutyl acetate [2]

N.67/548/EEC: 607-026-00-7 CAS: 110-19-0 EC: 203-745-1
F; R11-66; substance with a Community workplace exposure limit

1% - 3% isopropanol

N.67/548/EEC: 603-117-00-0 CAS: 67-63-0 EC: 200-661-7
F,Xi; R11-36-67

1% - 3% butan-1-ol

N.67/548/EEC: 603-004-00-6 CAS: 71-36-3 EC: 200-751-6
Xn,Xi; R10-22-37/38-41-67

1% - 3% n-butyl acetate

N.67/548/EEC: 607-025-00-1 CAS: 123-86-4 EC: 204-658-1
R10-66-67; substance with a Community workplace exposure limit

0.5% - 1% ethylbenzene

N.67/548/EEC: 601-023-00-4 CAS: 100-41-4 EC: 202-849-4
F,Xn; R11-20

0.1% - 0.25% 2-butanone oxime

N.67/548/EEC: 616-014-00-0 CAS: 96-29-7 EC: 202-496-6
Carc. Cat. 3,Xn,Xi; R21-40-41-43

< 0.1% toluene

N.67/548/EEC: 601-021-00-3 CAS: 108-88-3 EC: 203-625-9
F,Repr. Cat. 3,Xn,Xi; R11-38-48/20-63-65-67

4. FIRST AID MEASURES

Contact with skin:
Wash with plenty of water and soap.

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Contact with eyes:

Wash immediately with water for at least 10 minutes.

Swallowing:

Induce vomiting. SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety-data sheet. A suspension of activated charcoal in water, or medicinal mineral vaseline oil may be administered.

Inhalation:

Ventilate the premises. The patient is to be removed immediately from the premises contaminated and made to rest in a well ventilated area. Should the patient feel unwell, consult a physician.

5. FIRE-FIGHTING MEASURES

Recommended extinguishers:

CO₂ or Dry chemical fire extinguisher.

Extinguishers not to be used:

None in particular.

Risks arising from combustion:

Avoid inhaling the fumes.

Nitrogen oxides can be present in the combustion gases.

Protective equipment:

Use protection for the respiratory tract.

Cool the containers exposed to the fire with water.

6. ACCIDENTAL RELEASE MEASURES

Measures for personal safety:

Use gloves and protective clothing.

Environmental measures:

Limit leakages with earth or sand.

Eliminate all unguarded flames and possible sources of ignition. Do not smoke.

If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.

Cleaning methods:

If the product is in a liquid form, stop it from entering the drainage system.

Recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material.

After the product has been recovered, rinse the area and materials involved with water.

7. HANDLING AND STORAGE

Handling precautions:

Avoid contact and inhalation of the vapours. See, also, paragraph 8 below.

Do not eat or drink while working.

Do not smoke while working.

Storage conditions:

Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.

Instructions as regards storage premises:

Cool and adequately ventilated.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Precautionary measures:

Give adequate ventilation to the premises where the product is stored and/or handled.

Respiratory protection:

Not needed for normal use.

Hands protection:

Not needed for normal use.

Eye protection:

Not needed for normal use.

Skin protection:

No special precaution must be adopted for normal use.

Exposure limit(s) (ACGIH):

xylene

VLE 8h: 221 mg/m³ - 50 ppm VLE short: 442 mg/m³ - 100 ppm TLV TWA: 100 ppm, A4 - 434,19 mg/m³, A4 TLV STEL: 150 ppm, A4 - 651,29 mg/m³, A4

ethyl acetate

TLV TWA: 400 ppm - 1441,31 mg/m³

2-methoxy-1-methylethyl acetate

VLE 8h: 275 mg/m³ - 50 ppm VLE short: 550 mg/m³ - 100 ppm TLV TWA: 275 mg/m³, 50 ppm

TLV STEL: 550 mg/m³, 100 ppm

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isobutyl acetate [2]
TLV TWA: 150 ppm - 712,64 mg/m³ TLV STEL: 950 mg/m³, 200 ppm
isopropanol
TLV TWA: 200 ppm, A4 - 491,53 mg/m³, A4 TLV STEL: 400 ppm, A4 - 983,07 mg/m³, A4
butan-1-ol
TLV TWA: 20 ppm - 60,63 mg/m³
n-butyl acetate
TLV TWA: 150 ppm - 712,64 mg/m³ TLV STEL: 200 ppm - 950,18 mg/m³
ethylbenzene
VLE 8h: 442 mg/m³ - 100 ppm VLE short: 884 mg/m³ - 200 ppm TLV TWA: 100 ppm, A3 - 434,19
mg/m³, A3 Skin TLV STEL: 125 ppm, A3 - 542,74 mg/m³, A3 Skin
toluene
TLV TWA: 50 ppm, A4 - 188,4 mg/m³, A4 S TLV STEL: A4 Skin

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour:	thick paste
Odour:	of solvent
pH:	na
Melting point:	na
Boiling point:	nd
Flash point:	> 23 °C
Solid/gas flammability:	na
Explosive properties:	none
Oxidizing properties:	none
Vapour pressure:	nd
Relative density:	1.63 ± 0.03
Partition c. (n-octanol/H ₂ O):	nd
Vapour density:	nd
Solubility in water:	not soluble
Lipid solubility:	nd
Legend:	
NA = not applicable - ND = non available	

10. STABILITY AND REACTIVITY

Conditions to avoid:
Avoid to keep near heat sources.

Substances to avoid:
Avoid contact with oxidizing materials or powerful oxidising agents. The product could catch fire.

Hazardous decomposition products:
The product is stable in normal usage and storage conditions.
Because of heat or fire the preparation can release carbon oxides and vapours which may be harmful to health.
It may generate toxic gases on contact with oxidising mineral acids.

11. TOXICOLOGICAL INFORMATION

The concentration of each substance should be borne in mind in assessing the toxicological effects deriving from the exposure to the product.
Set out below is the toxicological information relating to the main substances in the preparation.

xylene
LD50 (RAT) ORAL: 5000 MG/KG

ethyl acetate
LD50 (RABBIT) ORAL: 4935 MG/KG

12. ECOLOGICAL INFORMATION

Adopt sound working practices, so that the product is not released into the environment.

13. DISPOSAL CONSIDERATIONS

Recover if possible. In so doing, comply with the local and national regulations currently in force.
Where applicable, refer to the following italian regulatory provisions : 91/156/EEC, 91/689/EEC, 94/62/EC and subsequent amendments.

14. TRANSPORT INFORMATION

ADR-UN Number:	1263
ADR-Class:	3

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ADR-HI number:	30
ADR-Shipping Name:	PAINT or PAINT RELATED MATERIAL
ADR-Packing Group:	III
ADR-S.P.:	640E
IATA-UN Number:	1263
IATA-Class:	3
IATA-Shipping Name:	PAINT or PAINT RELATED MATERIAL
IATA-Passenger Aircraft:	309
IATA-Cargo Aircraft:	310
IATA-Label:	Flamm. Liquid
IATA-Packing group:	III
IATA-ERG:	3L
IMDG-Marine pollutant:	No
IMDG-UN Number:	1263
IMDG-Class:	3
IMDG-Shipping Name:	PAINT or PAINT RELATED MATERIAL
IMDG-Packing group:	III
IMDG-EmS:	F-E , S-E
IMDG-Storage category:	A

15. REGULATORY INFORMATION

Council Directive 67/548/EEC (Classification, packaging and labelling of dangerous substances) and subsequent amendments. Commission Directive 1999/45/EC (Classification, packaging and labelling of dangerous preparation) and subsequent amendments. Commission Directive 98/24/EC (Protection of the health and safety of workers from the risk related to chemical agent). Commission Directive 2000/39/EC (Occupational exposure limit values). Regulation (EC) No 1907/2006 (REACH).

R Phrases:

R10 Flammable.

Contents:

2-butanone oxime: May produce an allergic reaction.

Where applicable, refer to the following Italian regulatory provisions :

Directive 2003/105/CE ('Activities linked to risks of serious accidents').

16. OTHER INFORMATION

Text of R phrases referred to under heading 3:

- R10 Flammable.
- R11 Highly flammable.
- R20 Harmful by inhalation.
- R20/21 Harmful by inhalation and in contact with skin.
- R21 Harmful in contact with skin.
- R22 Harmful if swallowed.
- R36 Irritating to eyes.
- R37/38 Irritating to respiratory system and skin.
- R38 Irritating to skin.
- R40 Limited evidence of a carcinogenic effect.
- R41 Risk of serious damage to eyes.
- R43 May cause sensitization by skin contact.
- R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
- R63 Possible risk of harm to the unborn child
- R65 Harmful: may cause lung damage if swallowed.
- R66 Repeated exposure may cause skin dryness or cracking.
- R67 Vapours may cause drowsiness and dizziness.

Main bibliographic sources:

- ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities
- SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold
- ACGIH - Threshold Limit Values - 2004 edition
- Safety data sheets of raw materials suppliers.

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.



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It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.