

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 24.04.2008

Revision: 24.04.2008

1 Identification of substance:

- **Product details:**
- **Trade name:** Primer black
- **Application of the substance / preparation** Primer black
- **Manufacturer/Supplier:**
Voelkel Industrie Proukte GmbH
Lohenstrasse 11
DE - 82166 Graefelfing
- Tel.: +49 (0)89 895 5809 0
email: info@vip-gmbh.com
- **Informing department:** Product Safety Department

2 Hazards identification

- **Hazard designation:**



Xi Irritant
F Highly flammable

- **Information pertaining to particular dangers for man and environment**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.

Has a narcotizing effect.

R 11 Highly flammable.

R 36 Irritating to eyes.

R 67 Vapours may cause drowsiness and dizziness.

Contains isocyanates. See information supplied by the manufacturer



- **Classification system**

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

3 Composition/information on ingredients

- **Description:** Solvent mixture with additives.

- **Dangerous components:**

CAS: 141-78-6 EINECS: 205-500-4	ethyl acetate	 Xi,  F; R 11-36-66-67	50-100%
CAS: 123-86-4 EINECS: 204-658-1	n-butyl acetate	R 10-66-67	5-20%

- **Additional information** For the wording of the listed risk phrases refer to section 16.

4 First aid measures

- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact** Instantly wash with water and soap and rinse thoroughly.
- **After eye contact**
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

(Contd. on page 2)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 24.04.2008

Revision: 24.04.2008

Trade name: Primer black

(Contd. of page 1)

- **After swallowing** Do not induce vomiting; instantly call for medical help.

5 Fire fighting measures

- **Suitable extinguishing agents**

Foam

Fire-extinguishing powder

Carbon dioxide

- **For safety reasons unsuitable extinguishing agents**

Water.

Water with a full water jet.

- **Protective equipment:** No special measures required.

- **Additional information**

Fire will produce dense black smoke containing hazardous products of combustion (see Section 10). Decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required. Cool closed containers exposed to fire with water spray. Do not allow runoff from fire fighting to enter drains or water courses.

6 Accidental release measures

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.
- **Measures for environmental protection:** Do not allow to enter drainage system, surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.
Do not flush with water or aqueous cleansing agents

7 Handling and storage

- **Handling**
- **Information for safe handling:** Work only in fume cupboard.
- **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **Storage**
- **Requirements to be met by storerooms and containers:** Store in cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed containers.

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with limit values that require monitoring at the workplace:**

141-78-6 ethyl acetate

OES	Short-term value: 400 ppm
	Long-term value: 200 ppm
	Rev

(Contd. on page 3)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 24.04.2008

Revision: 24.04.2008

Trade name: Primer black

(Contd. of page 2)

123-86-4 n-butyl acetate

OES	Short-term value: 966 mg/m ³ , 200 ppm
	Long-term value: 724 mg/m ³ , 150 ppm

- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures**
 Keep away from foodstuffs, beverages and food.
 Take off immediately all contaminated clothing
 Wash hands during breaks and at the end of the work.
 Avoid contact with the eyes and skin.
- **Breathing equipment:** Not necessary if room is well-ventilated.
- **Protection of hands:**
 The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
 Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**
 The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
 PVA gloves
 Neoprene gloves
- **Penetration time of glove material**
 The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:**
 PVA gloves
 Neoprene gloves
- **Eye protection:** Tightly sealed safety glasses.

9 Physical and chemical properties:

· General Information

Form:	Liquid
Colour:	Black
Odour:	Characteristic

· Change in condition

Melting point/Melting range: Not determined
Boiling point/Boiling range: 76°C

· **Flash point:** -1°C

· **Ignition temperature:** 370°C

· **Self-inflammability:** Product is not selfigniting.

· **Danger of explosion:** Product is not explosive. However, formation of explosive air/steam mixtures is possible.

· Critical values for explosion:

Lower:	1.2 Vol %
Upper:	11.5 Vol %

(Contd. on page 4)

GB

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 24.04.2008

Revision: 24.04.2008

Trade name: Primer black

(Contd. of page 3)

- | | |
|---|----------------------------------|
| · Vapour pressure at 20°C: | 97 hPa |
| · Density at 20°C | 1 g/cm ³ |
| · Solubility in / Miscibility with Water: | Not miscible or difficult to mix |

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous products of decomposition:** No dangerous decomposition products known

11 Toxicological information

- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

141-78-6 ethyl acetate

Oral	LD50	4935 mg/kg (rbt)
Inhalative	LC50/4 h	1600 mg/l (rat)

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** Irritant effect.
- **Sensitization:** No sensitizing effect known.
- **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:
Irritant

12 Ecological information:

- **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

13 Disposal considerations

- **Product:**

- **Recommendation**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- **Uncleaned packagings:**

- **Recommendation:** Disposal must be made according to official regulations.

GB

(Contd. on page 5)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 24.04.2008

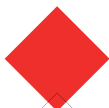
Revision: 24.04.2008

Trade name: Primer black

(Contd. of page 4)

14 Transport information

· Land transport ADR/RID (cross-border)



- ADR/RID-GGVS/E Class: 3 Flammable liquids.
- Kemler Number: 33
- UN-Number: 1263
- Packaging group: II
- Label: 3
- Designation of goods: 1263 PAINT RELATED MATERIAL, special provision 640D

· Maritime transport IMDG:



- IMDG Class: 3
- UN Number: 1263
- Label: 3
- Packaging group: II
- EMS Number: F-E,S-E
- Marine pollutant: No
- Correct technical name: PAINT RELATED MATERIAL

· Air transport ICAO-TI and IATA-DGR:



- ICAO/IATA Class: 3
- UN/ID Number: 1263
- Label: 3
- Packaging group: II
- Correct technical name: PAINT RELATED MATERIAL

15 Regulatory information

· Designation according to EC guidelines:

The product has been classified and labelled in accordance with EC Directives / Ordinance on Hazardous Materials (GefStoffV)

· Code letter and hazard designation of product:



Xi Irritant
F Highly flammable

· Risk phrases:

11 Highly flammable.

(Contd. on page 6)

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 24.04.2008

Revision: 24.04.2008

Trade name: Primer black

(Contd. of page 5)

36 Irritating to eyes.

67 Vapours may cause drowsiness and dizziness.

· **Safety phrases:**

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

· **Special designation of certain preparations:**

Contains isocyanates. See information supplied by the manufacturer

Contains Isocyanate. May produce an allergic reaction.

· **National regulations**· **Technical instructions (air):**

Class	Share in %
III	50-100

· **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.**16 Other information:**

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant R-phrases**

10 Flammable.

11 Highly flammable.

36 Irritating to eyes.

66 Repeated exposure may cause skin dryness or cracking.

67 Vapours may cause drowsiness and dizziness.