

# Safety Data Sheet

## RT SATIN D BLUE BLACK

Safety Data Sheet dated 7/11/2012, version 1

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Mixture identification:

Trade name: RT SATIN D BLUE BLACK  
Trade code: 22615

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use:

Paint for roof tiles. Industrial use only

1.3. Details of the supplier of the safety data sheet

Company:

Fenzi Belgium n.v./s.a. Gustave Levisstraat 25, B 1800 Vilvoorde Belgium

Fenzi Belgium n.v./s.a. Tel. n. +32 (0) 2 275 94 29

Competent person responsible for the safety data sheet:

safety@fenzigroup.com

1.4. Emergency telephone number

Fenzi Belgium n.v./s.a. Tel. n. +32 (0) 2 275 94 29

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### SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Directive criteria, 67/548/CE, 99/45/EC and following amendments thereof:

No specific hazards are encountered under normal product use.

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### SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

Hazardous components within the meaning of EEC directive 67/548 and CLP regulation and related classification:

1% - 3% 2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether

REACH No.: 01-2119475104-44-XXXX, Index number: 603-096-00-8, CAS: 112-34-5, EC: 203-961-6

Xi; R36

⚠ 3.3/2 Eye Irrit. 2 H319

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### SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

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

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

4.2. Most important symptoms and effects, both acute and delayed

None

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# Safety Data Sheet

## RT SATIN D BLUE BLACK

### 4.3. Indication of any immediate medical attention and special treatment needed

Treatment:  
None

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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO<sub>2</sub>).

Extinguishing media which must not be used for safety reasons:

Waterjet

### 5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

### 5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

### 6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

### 6.3. Methods and material for containment and cleaning up

Wash with plenty of water.

### 6.4. Reference to other sections

See also section 8 and 13

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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep container in a well-ventilated place and keep away from fire.

Keep away from food, drink and feed.

Incompatible materials:

Oxidizing agents, strong alkalis, strong acids. See, too, paragraph 10 below.

Instructions as regards storage premises:

Adequately ventilated premises.

### 7.3. Specific end use(s)

None in particular

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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No occupational exposure limit available

### 8.2. Exposure controls

Eye protection:

# Safety Data Sheet

## RT SATIN D BLUE BLACK

Eye glasses with side protection.  
Protection for skin:  
Chemical protection clothing.  
No special precaution must be adopted for normal use.  
Protection for hands:  
Suitable gloves type:  
NBR (nitrile rubber).  
Not needed for normal use.  
Respiratory protection:  
Not needed for normal use.  
Thermal Hazards:  
None  
Environmental exposure controls:  
None

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### SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	Liquid
Colour :	Black
Odour:	solvent
Odour threshold:	Not Relevant
pH:	min 8,5
Melting point / freezing point:	not available °C
Initial boiling point and boiling range:	not available °C
Solid/gas flammability:	not applicable
Upper/lower flammability or explosive limits:	Not Relevant
Vapour density:	not available
Flash point:	not applicable °C
Evaporation rate:	N.A.
Vapour pressure:	not available
Relative density:	1.2
Solubility in water:	none
Solubility in oil:	Not Relevant
Partition coefficient (n-octanol/water):	Not Relevant
Auto-ignition temperature:	not available °C
Decomposition temperature:	Not Relevant
Viscosity:	Not Relevant
Explosive properties:	Not Relevant
Oxidizing properties:	Not Relevant
Viscosity Ford 4 :	20 s (20°C)

9.2. Other information

Miscibility:	Not Relevant
Fat Solubility:	none
Conductivity:	Not Relevant
Substance Groups relevant properties	N.A.

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### SECTION 10: Stability and reactivity

10.1. Reactivity  
Stable under normal conditions

10.2. Chemical stability  
Stable under normal conditions

10.3. Possibility of hazardous reactions  
None

10.4. Conditions to avoid  
Stable under normal conditions.

10.5. Incompatible materials  
None in particular.

# Safety Data Sheet

## RT SATIN D BLUE BLACK

- 10.6. Hazardous decomposition products  
None.

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### SECTION 11: Toxicological information

- 11.1. Information on toxicological effects  
There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.  
Toxicological information on main components of the mixture:  
N.A.  
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether - CAS: 112-34-5  
LD50/oral: rat: > 2000 mg/kg (literature)  
DL50/dermale: rabbit: > 2000 mg/kg (literature)

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### SECTION 12: Ecological information

- 12.1. Toxicity  
Adopt good working practices, so that the product is not released into the environment.  
N.A.
- 12.2. Persistence and degradability  
None
- 12.3. Bioaccumulative potential  
N.A.
- 12.4. Mobility in soil  
N.A.
- 12.5. Results of PBT and vPvB assessment  
  
vPvB Substances: None - PBT Substances: None
- 12.6. Other adverse effects  
None

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### SECTION 13: Disposal considerations

- 13.1. Waste treatment methods  
Recover if possible. In so doing, comply with the local and national regulations currently in force.

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### SECTION 14: Transport information

- 14.1. UN number  
Not classified as dangerous in the meaning of transport regulations.
- 14.2. UN proper shipping name  
N.A.
- 14.3. Transport hazard class(es)  
N.A.
- 14.4. Packing group  
N.A.
- 14.5. Environmental hazards
- 14.6. Special precautions for user  
N.A.
- 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code  
Environmental Pollutant:  
N.A.
- 14.8 Exemptions  
N.A.

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### SECTION 15: Regulatory information

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture  
Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances). Dir. 99/45/EEC (Classification, packaging and labelling of dangerous preparations). Dir. 98/24/EC (Risks related to

## Safety Data Sheet

### RT SATIN D BLUE BLACK

chemical agents at work). Dir. 2000/39/EC (Occupational exposure limit values); Dir. 2006/8/CE. Regulation (CE) n. 1907/2006 (REACH), Regulation (CE) n. 1272/2008 (CLP), Regulation (CE) n. 790/2009 (1° ATP CLP), Regulation (EU) n. 453/2010 (Annex I).

Volatile Organic compounds - VOCs = 23 g/l

Volatile CMR substances = 0.00 %

Halogenated VOCs which are assigned the risk phrase R40 = 0.00 %

Where applicable, refer to the following regulatory provisions :

Directive 82/501/EEC ('Activities linked to risks of serious accidents') and subsequent amendments.

Regulation (EC) nr 648/2004 (detergents).

1999/13/EC (VOC directive)

15.2. Chemical safety assessment

No

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#### SECTION 16: Other information

Text of phrases referred to under heading 3:

R36 Irritating to eyes.

This safety data sheet has been completely updated in compliance to Regulation 453/2010/EU.

This document was prepared by a competent person who has received appropriate training.

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

CCNL - Appendix 1

Insert further consulted bibliography

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.

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.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.

## Safety Data Sheet

### RT SATIN D BLUE BLACK

STEL: Short Term Exposure limit.  
STOT: Specific Target Organ Toxicity.  
TLV: Threshold Limiting Value.  
TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day.  
(ACGIH Standard).  
WGK: German Water Hazard Class.