



Emergency telephone in New Zealand (24 hours)  
National Poison Center: 0800 POISON [764 766]

## Distributor in New Zealand

R A Johnstone & Co Ltd  
739 Great South Road, Otahuhu  
PO Box 97 948 SAMC. Manukau 2240  
Auckland. New Zealand  
Ph : +64 9 261 0333  
Fax: + 64 9 261 0330  
www.raj.co.nz

# DATA SHEET

## BETA 1000 SILICONSTOP

BETA COLOR S.R.L. – Via Monte Sabotino 71  
20099 Sesto San Giovanni (MI) - Italia  
Telephone number for urgent calls: BETA COLOR SRL 0039 02 2426193

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

>50% n-heptane  
CAS: 142-82-5 EINECS : 205-563-8  
F, Xn, N R11-38-50/53-65-67  
5-15% ethyl acetate  
CAS : 141-78-6 EINECS : 205-500-4



F R11

### 3. HAZARDS IDENTIFICATION

The product catches fire easily if exposed to a source of ignition. Fumes, heavier than air, spread at ground level and can create explosions. The product isn't dangerous for users if used according to the provided safety precautions. Due to the high volatility of the product even at normal temperature, the wrong use especially in bad-ventilated areas, can cause irritations to eyes and respiratory system, sickness and narcosis.

### 4. FIRST AID MEASURES

Skin contact: remove contaminated clothing; immediately wash with abundant current water and eventually with soap the area of body contacted by the product.  
Eye contact: wash with abundant current water min 10 minutes and consult a doctor.  
Ingestion: do not absolutely provoke vomit. Rush immediately to Medical Service.  
Inhalation: in case of anomalous inhalation, remove immediately the patient from contaminated ambient. Keep him rest in well-ventilated area and consult a doctor.

### 5. FIRE PROOF MEASURES

Recommended fire-extinguisher: CO2 or foam, chemical powder  
Cover the eventual loss of product not burned with foam or earth.  
Forbidden fire-extinguisher: water  
Combustion risk: use water to cool down surfaces exposed to fire  
Protection means: use respiratory and eyes protective equipment

### 6. MEASURES IN CASE OF ACCIDENTAL RELEASE

Measures for personal safety: wear respiratory protective equipment, gloves and protective clothing  
Environmental precautions: contain spillage with sand or earth. Collect the absorbed material into suitable cans. If the product has entered drains or water courses, inform the competent authorities.  
Cleaning methods: eliminate sources of ignition. Stop the spillage immediately. Do not allow to enter sewerage.

### 7. STORAGE AND HANDLING

Use precautions: use in well-ventilated areas  
Substances to avoid: strong oxidizing agents  
Storage conditions: keep away from sparks and sources of heat. During the use take the safety measures against electric shocks. Do not stock in plastic containers.  
Precautions for storage: cool and well-ventilated areas

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Precaution measures: provide adequate ventilation to the premises where the product is stored and/or equipment  
Respiratory protection: in case of inadequate ventilation or prolonged exposure, use respiratory protective equipment  
Protection for hands: wear protective gloves  
Protection for eyes: use protective glasses  
Protection for skin: wear protective clothing

### 9. PHYSICAL AND CHEMICAL DATA

Appearance: crystal liquid  
Odour: of solvent  
Flash point: -4°C  
Boiling point: 80°C  
Spontaneous combustion: >200°C  
Density at 15°C kg/m<sup>3</sup>: 720

### 10. STABILITY

Conditions to avoid: stable in normal conditions.  
Dangerous reactions: none  
Substances to avoid: strong oxidizing agents

### 11. TOXICOLOGICAL INFORMATION

It can cause irritation to eyes and respiratory system.  
TLV: 400ppm; 1440mg/m<sup>3</sup> (eptane)  
The substance can be absorbed by inhalation of its fumes. The liquid can cause irritation to skin.

### 12. ECOLOGICAL INFORMATION

Very volatile product. Toxicity data for environment are not available due to the extreme volatility of the product that does not allow to complete tests.  
Use according to safety precautions. Avoid leakage in the environment.

### 13. DISPOSAL CONSIDERATION

Do not empty into drains or water courses. For the disposal follow the legislation of the Country.

### 14. TRANSPORT INFORMATION

Road (ADR): 3, II  
Air (CAO/IATA): Paints, 3, II  
Marine (IMDG): 3, II  
Rail (RID): 3, II  
ONU Nr: UN 1263



### 15. REGULATORY INFORMATION

Symbols: The HSNO Approval Number for this Group Standard is HSR002528  
F – highly flammable

N – dangerous for the environment

R Phrases:

R11 – highly flammable

R51/53 – harmful to aquatic organisms. It may cause long-term adverse effects in the aquatic environment

R67 inhalation of fumes can cause drowsiness and dizziness

S Phrases:

S9 – keep containers in well ventilated areas

S16 – keep away from sources of ignition. No smoking

S29 – do not empty into drains

S33 – take precautions measures against static discharges

Act according to the following directions:

R303/56 (sanitary inspection)

D.P.R. 547/55 Rules to prevent occupational accidents

D.P.R. 482/75 list of occupational diseases in industry

### 16. OTHER INFORMATION

Bibliography: NIOSH – Registry of toxic effects of chemical substances 1983

I.N.R.S. – Fiche Toxicologique

CESIO – Classification and labelling of anionic, nanionic surfactants  
1990

All the information here included is based on our knowledge at the below mentioned date. It refers only to this product and it is no guarantee of special qualities. Who uses the product should verify that the information is suitable and complete according to the specific use to be done. This data sheet replaces all previous releases.