

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

Distributor in New Zealand

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DATA SHEET

BETA 2000 HS/MS HARDENER SLOW/NORMAL/FAST

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Telephone number for urgent calls: BETA COLOR SRL 0039 02 2426193

2. COMPOSITION/INFORMATION ON INGREDIENTS

25-50%	Examethylenediisocyanate, oligomers CAS: 28182-81-2 CEE: 500-060-2 Xi, R10-43-52/53
15-30%	Xylene CAS: 1330-20-7 EINECS: 215-535-7 Xn, R10-20/21-38
15-30%	buthyl acetate CAS: 123-86-4 EINECS: 204-658-1 R10-66-67
15-30%	1-metil-2metossietile acetate CAS: 108-65-6 EINECS: 203-603-9 F, R11
<5%	aromatic light naphta CAS: 64742-95-6 EINECS: 265-199-0 Xn, N, R10-37-51/53-65-66-67



3. HAZARDS IDENTIFICATION

The product is a liquid that catches easily fire if exposed to a source of ignition. The product is harmful by inhalation and contact with skin.

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. In case of irritation consult a doctor.

Eye contact: wash with abundant current water at least for 10 minutes and in case of irritation consult a doctor.

Ingestion: do not absolutely provoke vomit. Rush immediately to Medical Service and show the sheet

Inhalation: in case of irregular inhalation, remove immediately the patient from contaminated ambient and ventilate the room. Keep him rest in well-ventilated area.

5. FIRE PROOF MEASURES

Recommended fire-extinguisher: CO2 or powder extinguisher

Forbidden fire-extinguisher: water

Combustion risk: avoid inhaling fumes. It can develop toxic vapours.

Protection means: use respiratory protective equipment. Cool down with water cans exposed to fire but avoid direct contact of the product with water

6. MEASURES IN CASE OF ACCIDENTAL RELEASE

Measures for personal safety: wear respiratory protective equipment, gloves and protective clothing

Environmental precautions: contain and collect spillage with sand or earth. Exclude sources of ignition. Do not smoke. If the product has entered drains or water courses, inform the competent authorities.

Cleaning methods: collect the product quickly wearing appropriate protective clothing and respiratory protective equipment. Do not allow to enter drains or water courses.

Collect the product for re-use, if possible, or remove it. Eventually absorb it with inert material. After the removing rinse the area and the involved materials with water.

7. STORAGE AND HANDLING

Handling precautions: avoid contact and inhalation of fumes. See paragraph 8. While working do not eat or drink. While working do not smoke.

Storage conditions: keep containers well closed. Keep away from sparks and sources of heat. Avoid direct exposure to sunlight.

Indications for the area: cool and well-ventilated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Precautions: provide adequate ventilation to the premises where the product is stored and/or handled

Limit values: TLV (TWA): 0.035 mg/m³ (0.005ppm) per HDI

Respiratory protection: in case of inadequate ventilation or long exposure, use respiratory protective equipment

Protection for hands: use gum protective gloves

Protection for eyes: use protective glasses

Protection for skin: use protective clothing

9. PHYSICAL AND CHEMICAL DATA

Appearance and colour: crystal liquid

Odour: of solvent

Flash point: between 21°C and 55°C

Spontaneous combustion: >450°C

Relative density: 989 g/l

Solubility in water: it reacts

Solubility in solvents: good

10. STABILITY AND REACTIVITY

Conditions to avoid: stable in normal conditions.

Substances to avoid: avoid the contact with burning materials. The product could catch fire. It reacts with water, alcohols, amines, bases

Decomposition dangers: it develops toxic fumes in case of combustion or thermal decomposition

11. TOXICOLOGICAL INFORMATION

The product is not classified as dangerous in case of ingestion.

Examethylenediisocyanate, oligomers: DL50 oral (rat)>5000 mg/kg

It can cause skin sensitizing.

12. ECOLOGICAL INFORMATION

Use following working precautions. Avoid leakage in the environment.

13. DISPOSAL CONSIDERATION

Collect spillage if possible. Send to authorized dump and treat as a fire hazard, disposing in accordance with local and national laws.

14. TRANSPORT INFORMATION

Road (ADR): 3, III


Air (CAO/IATA): Paints, 3, III

Marine (IMDG): 3, III

Rail (RID): 3, III

ONU Nr: UN 1263

15. REGULATORY INFORMATION

Symbols:  The HSNO Approval Number for this Group Standard is HSR002662.

Xn - harmful

R Phrases:

R10 – flammable

R43 – it can cause skin sensitizing

R20/21 – Harmful by inhalation and in contact with skin.

S Phrases:

S16 – keep away from sparks and sources of ignition. Do not smoke

S23 – do not breathe fumes

S24 – avoid contact with skin

S29 – do not empty into drains

S38 – wear suitable respiratory equipment in case of insufficient ventilation

It contains: Examethylenediisocyanate, oligomers

Additional phrases: it contains isocyanates. Read instructions provided by manufacturer

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.