

FLEXITAR EP 15

(COMPONENT B)

Revision nr. 1
Dated 09/26/2003
Printed on 09/26/2003
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Safety Data Sheet

1. Identification of the preparation and the Company

1.1 Identification of the preparation

Product name FLEXITAR EP 15 COMP. B

1.2 Identification of the Company

Name Sinit S.r.l.
Full address Via V.Chiarugi, 76
District and Country 45100 ROVIGO
Italy
tel. ++39 0425 361961
fax ++39 0425 410115
For urgent inquiries refer to sinit@tin.it

2. Composition/Information on ingredients

Name	Concentr.(C)	Classification
4-NONILPHENOL , reaction products with formaldehyde and dodecan-1-thiol N° Cas - N° CE 404-160-6 N° Index 604-035-00-8	8 <= C < 11	C R34 Xn R22 Xi R37 N R50/53
2-Piperazine-1-llethylamine N° Cas 140-31-8 N° CE 205-411-0 N° Index 612-105-00-4	2,9 <= C < 5	C R34 Xn R21/22 Xi R37 Xi R43
CTC 15 P30 (tar) N° Cas 65996-93-2 N° CE 266-028-2 N° Index 648-055-00-5	58,8 <= C < 83,8	T R45 Carc. Cat. 2

The complete text of -R- phrases is specified in section 16.

3. Danger Identification

3.1 Substance/Preparation Classification

This preparation is dangerous under 67/548/EEC and 1999/45/EC regulations and subsequent amendments. This preparation requires a safety data sheet according to the 91/155/EC regulation and subsequent amendments. Further information on health and/or environmental hazards can be found in sections 11 and 12 of this sheet.

Danger Symbols: T-N

Phrases R: 34-37-43-45-51/53

3.2 Danger Identification

Causes burns.
Irritating to respiratory system.
May cause sensitization by skin contact.
May cause cancer.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. First-aid measures

Eyes: Wash immediately with plenty of water for at least 15 minutes and seek medical advice at once.
Skin: Immediately take off all contaminated clothing and have a shower. Consult a doctor immediately.

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Ingestion: Have the patient drink water as much as possible and seek medical advice immediately. Do not induce vomiting before consulting a doctor.

Inhalation: Immediately seek medical advice. In the meantime, remove the patient to the fresh air, far from the contaminated premises; if respiration stops or is difficult, give an artificial

5. Fire-fighting measures

N-AMINOETHYLPIPERAZINE

Use common means of extinguishing: water spray, co2, foam, dry dust. Avoid abundant jets of water.

Burning causes unpleasant and toxic smoke: carbonic oxide, nitrogen oxide.

PROTECTION SYSTEM: wear autonomous respirator and protective clothes.

6. Accidental release measures

Extinguish the sources of ignition or heat; cover the spillage with inert absorbent material. Collect as far as possible the resulting mass and discard the remainder by spraying water, if not contraindicated.

For information on environmental and health risks, protection of the respiratory airways, ventilation and individual protective measures refer to the other sections of this sheet.

7. Handling and storage

Store in a wellventilated place keeping the containers closed when not used. Do not smoke while handling. Keep far away from sources of heat, naked flames and sparks and other sources of ignition; do not spray in the vicinity of flames or incandescent materials.

8. Exposure controls/personal protection.

Against corrosive properties of the product and according to the type of working, suitable protection equipment should be worn. Such as: an helmet to protect the face, the head and the neck, waterproof gloves and overalls, resistant to the product.

Do not eat, drink or smoke while handling it; wash carefully with soap and water before meals and after work shift; a shower is recommended.

9. Physical and chemical properties

Colour	black
Odour	characteristic
Physical state	Liquid mortar
Solubility	insoluble
Viscosity	N.A.
Vapour density	N.A.
Evaporation speed	N.A.
Comburent properties	N.A.
Partition coefficient: n-octanol/water	N.A.
pH	N.A.
Boiling point	N.A.
Flash point	> 61°C
Explosive properties	N.A.
Vapour pressure	N.A.
Specific gravity	1,500Kg/l

10. Stability and reactivity

Thermal decomposition and combustion release carbon monoxides and other toxic gases and vapours. The product may react exothermically on contact with strong oxidizing agents or reducers, strong acids or bases.

CTC 15 P30 (tar)

DANGEROUS SUBSTANCES: aromatic hydrocarbons with organic compounds O-, N-, S-. The product contains polycyclic (benzo-a-pyrene) aromatic hydrocarbons and small quantities (<0,1 % m/m) acids of fossil carbon tar.

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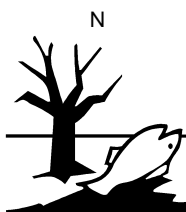
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Label:	8	
Cargo:		
Packaging instructions:	812	Maximum quantity: 30 L
Pass.:		
Packaging instructions:	808	Maximum quantity: 1 L

15. Regulatory information



TOXIC



DANGEROUS FOR THE ENVIRONMENT

R34	CAUSES BURNS.
R37	IRRITATING TO RESPIRATORY SYSTEM.
R43	MAY CAUSE SENSITIZATION BY SKIN CONTACT.
R45	MAY CAUSE CANCER.
R51/53	TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.
S 1/ 2	KEEP LOCKED UP AND OUT OF THE REACH OF CHILDREN.
S24	AVOID CONTACT WITH SKIN.
S39	WEAR EYE/FACE PROTECTION.
S45	IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE).
S53	AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE.
S61	AVOID RELEASE TO THE ENVIRONMENT. REFER TO SPECIAL INSTRUCTIONS/SAFETY DATA SHEETS.

To be used only by professional users. Attention – Avoid exposure – Get hold of special instructions before use.

Contains:

4-NONILPHENOL , reaction products with formaldehyde and dodecan-1-thiol
2-PIPERAZINE-1-ILETHYLAMINE
CTC 15 P30 (TAR)

Danger labelling under regulations 67/548/CEE and 1999/45/CE and following amendments and adjustments.

Workers exposed to this chemical agent must undergo health checks according to regulation 98/24/CE.

16. Further information

Text of -R- phrases quoted in section 2 of the sheet.

R21/22	HARMFUL IN CONTACT WITH SKIN AND IF SWALLOWED.
R22	HARMFUL IF SWALLOWED.
R34	CAUSES BURNS.
R37	IRRITATING TO RESPIRATORY SYSTEM.
R43	MAY CAUSE SENSITIZATION BY SKIN CONTACT.
R45	MAY CAUSE CANCER.
R50/53	VERY TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.

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GENERAL BIBLIOGRAPHY

1. Regulation 1999/45/CE and following amendments;
2. Regulation 67/548/CEE and following amendments and adjustments (technical adjustment XXVIII);
3. Regulation 91/155/CEE and following amendments;
4. The Merck Index. - 10th Edition;
5. Handling Chemical Safety;
6. Niosh - Registry of Toxic Effects of Chemical Substances;
7. INRS - Fiche Toxicologique (toxicological sheet);
8. Patty - Industrial Hygiene and Toxicology;
9. N.I. Sax-Dangerous properties of Industrial Materials-7, 1989 Edition;

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.