

# Safety Data Sheet

## 1. Identification of the preparation and the Company

### 1.1 Identification of the preparation

Product name TEP COMP. A

### 1.2 Identification of the Company

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## 2. Composition/Information on ingredients

Name	Concentr.(C)	Classification
NONYLPHENOL N° Cas 84852-15-3	1,5 <= C < 3,6	C R34 Xi R37 N R50/53
EPOXY RESINS (average molecular weight <=700) N° Cas 25068-38-6 N° CE 500-033-5 N° Index 603-074-00-8	27,4 <= C < 42,4	Xi R36/38 Xi R43 N R51/53

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: Xi-N

Phrases R:36/37/38-43-51/53

### 3.2 Danger Identification

IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.  
MAY CAUSE SENSITIZATION BY SKIN CONTACT.  
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.

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

Allow containers to cool in order to avoid product decomposition and generation of substances which might injure the health and be dangerous for safety reasons. Wear the fire equipment all the time.

## 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 well ventilated 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.

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.

## 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	Straw-coloured
Odour	typical
Physical State	liquid
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	0,950Kg/l

## 10. Stability and reactivity

The product is stable in normal conditions of use and storage. Due to thermal decomposition or in the event of a fire vapours may be produced potentially dangerous to health.

## 11. Toxicological information

Acute effects: stinging eyes. Symptoms may include rubescence, edema, pain and lachrymation. Vapour inhalation may moderately irritate the lower and upper respiratory tract and cause cough and respiratory disorders. At higher concentrations, it may also cause pulmonary edema. Contact with skin may cause irritation, erythema, dryness and chapped skin. Ingestion may cause health problems, including stomach pain and sting, nausea and sickness.

Upon contact with skin, this product causes sensitization (dermatitis). Dermatitis derives from skin irritation on the areas which repeatedly come into contact with the sensitizing agent. Skin lesions may include erythema, edema, papules, vesicles, pustules, scurves, ulcerations and exudative phenomena, whose intensity varies according to illness seriousness and affected areas. Scurfy skin, dryness, ulcerations and skin thickening prevail during the acute phase.

## 12. Ecological information

TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.  
EPOXY RESINS

Avoid penetration into underground.

Do not empty into drains.

Do not contaminate surface water.

## 13. Disposal considerations

Consider the possibility of burning the product in a suitable incinerator. Acid or basic products must always be neutralized before undergoing any treatment, including biological treatment whenever feasible. If the waste is solid, it can be disposed of in a landfill.

## 14. Transport information

These goods must be transported by vehicles authorized to the carriage of dangerous goods according to the provisions set out in the current edition of the Code of International Carriage of Dangerous Goods by Road (ADR) and in all the applicable national regulations. These goods must be packed in their original containers or in containers made of materials resistant to their content and not reacting dangerously with it. People loading and unloading dangerous goods must be trained on all the risks deriving from these substances and on all actions that must be taken in case of emergency situations.

Road and rail transport:

ADR:	8,III	UN:1760
Label:	8	
Nr. Kemler:	80	
Proper Shipping Name:	Corrosive liquid, n.a.s (NONYLPHENOL)	

Carriage by sea (shipping):

IMO class:	8	UN:1760
Packing Group:	III	
EMS:	8-15	
Proper Shipping Name:	Corrosive liquid, n.a.s (NONYLPHENOL)	

Transport by air:

IATA:	8	UN:1760	
Packing Group:	III		
Label:	8		
Cargo:			
Packaging instructions:	820	Maximum quantity:	60 L
Pass.:			
Packaging instructions:	818	Maximum quantity:	5 L

## 15. Regulatory information

# TEP (COMPONENT A)

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IRRITANT



DANGEROUS FOR THE ENVIRONMENT

R36/37/38	IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.
R43	MAY CAUSE SENSITIZATION BY SKIN CONTACT.
R51/53	TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.
S 2	KEEP OUT OF THE REACH OF CHILDREN.
S23	DO NOT BREATHE GAS/FUMES/VAPOUR/SPRAY (APPROPRIATE WORDING TO BE SPECIFIED BY THE MANUFACTURER).
S24	AVOID CONTACT WITH SKIN.
S29	DO NOT EMPTY INTO DRAINS.
S51	USE ONLY IN WELL-VENTILATED AREAS.
S61	AVOID RELEASE TO THE ENVIRONMENT. REFER TO SPECIAL INSTRUCTIONS/SAFETY DATA SHEETS.

Contains:

Epoxy resins (average molecular weight  $\leq$  700)

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.

R34	CAUSES BURNS.
R36/38	IRRITATING TO EYES AND SKIN.
R37	IRRITATING TO RESPIRATORY SYSTEM.
R43	MAY CAUSE SENSITIZATION BY SKIN CONTACT.
R50/53	VERY TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.
R51/53	TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.

## 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.