

Safety Data Sheet

1. Identification of the substance / preparation and the Company

1.1 Identification of the substance or preparation

Code: @RESINAACRILICA
Product name: @RESINAACRILICA

1.2 Use of the substance / preparation

1.3 Company identification

Name: Tenax Spa
Full address: Via I Maggio 226
District and Country: 37020 Volargne (VR) Italy
Tel.: 045/6860222
Fax: 045/6862456

1.4 Emergency telephone

For urgent inquiries refer to: tenax@tenax.it
<http://www.tenax.it>

2. Composition / Information on ingredients

Contains:

Name	Concentration C	Classification
VINIL TOLUENE	20 ≤ C < 21,5	R 10
Cas No 100-80-1		Xn R 20 Xi R 36/37/38

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

3. Hazards Identification

3.1 Substance/Preparation Classification

This preparate is dangerous under 67/548/EEC and 1999/45/EC regulations and subsequent amendments. Therefore, this preparate 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: Xn
Phrases R: 10-20-36/37/38

The classification of the compound, featuring an extreme pH value, is based on the results of an appropriate validated in-vitro test as set out in the 67/548/EEC guideline, annex VI, paragraph 3.2.5, and following modifications.

3.2 Danger Identification

Because of its chemical-physical features, this product is graded as flammable (flash-point 21 °C or higher and 55 °C or lower).

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HARMFUL BY INHALATION.
IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

4. First aid measures

No episodes of damage to health ascribable to the product have been reported. Nevertheless, observance of good industrial hygiene is recommended.

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

Limit leakages with earth or inert material. Remove most of the product and then rinse the involved area by jets of water.

7. Handling and storage

Make sure that equipment is available for cooling the vessels, to prevent the danger of overpressure and overheating in the event of fire in the vicinity. Refer to the other sections of this data sheet for information relating to health and environmental risks.

8. Exposure control / personal protection.

VINIL TOLUENE		
- TLV TWA	50	ppm
- TLV STEL	100	ppm

9. Physical and chemical properties

Colour		WATERLOOK
Odour		AROMATIC
Appearance		LIQUID
Viscosity		1000 CPS
Vapour density		N.A.
Solubility		NOT SOLUBLE IN WATER
Evaporation speed		N.A.
Comburent properties		N.A.
Partition coefficient: n-octanol/water		N.A.
pH		N.A.
Boiling point		N.A.
Flash point	> 21	°C
Explosive properties		N.A.
Vapour pressure		N.A.
Specific gravity		1,100 Kg/l
Solid content:		90,00 %

10. Stability and reactivity

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

11. Toxicological information

Acute effects: inhalation of this product is harmful. This product may irritate mucosas, the upper respiratory tract, eyes and skin. Exposure symptoms may include: stinging and irritated eyes, mouth, nose, throat; cough, respiratory disorders, dizziness, headache, nausea and sickness.

In the most serious cases, inhalation of this product may cause larynx and bronchial tube edema and irritation, chemical pneumonia and pulmonary edema. Ingestion of even small amounts of product may cause health problems (stomach pain, nausea, sickness, diarrhoea).

SEGNI E SINTOMI DI ESPOSIZIONE

Al meglio della nostra conoscenza, le proprietà chimiche, fisiche e tossicologiche non sono state oggetto di studi approfonditi.

TIPO DI ESPOSIZIONE

Contatto cutaneo: Provoca irritazione cutanea.

Varie vie di somministrazione: Può essere nocivo se inalato, ingerito o assorbito attraverso la cute. I vapori o i fumi irritano gli occhi, le mucose e le vie respiratorie superiori.

12. Ecological information

Use this product according to good working practices. Avoid litter. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

13. Disposal consideration

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 packagings or in packagings 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:	3	UN: 1866
Packing Group:	III	
Label:	3	
Nr. Kemler:	30	
Proper Shipping Name:	Resin solution	
Special Provision:	640E	

Carriage by sea (shipping):

IMO class:	3	UN: 1866
Packing Group:	III	
Label:	3	
EMS:	F-E, S-E	
Proper Shipping Name:	Resin solution	

Transport by air:

IATA:	3	UN: 1866
Packing Group:	III	
Label:	3	

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Cargo:

Packaging instructions:	310	Maximum quantity:	220 L
Pass.: Packaging instructions:	309	Maximum quantity:	60 L

15. Regulatory information

Xn



HARMFUL

- R10 FLAMMABLE.
- R20 HARMFUL BY INHALATION.
- R36/37/38 IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.
- S9 KEEP CONTAINER IN A WELL-VENTILATED PLACE.
- S13 KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.
- S25 AVOID CONTACT WITH EYES.
- S26 IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.
- S37 WEAR SUITABLE GLOVES.
- S43 IN CASE OF FIRE USE DUST, CARBON DIOXIDE, FOAM, SPRAYED WATER. DO NOT USE WATER DIRECTLY.

Contains:
VINIL TOLUENE

The classification of the compound, featuring an extreme pH value, is based on the results of an appropriate validated in-vitro test as set out in the 67/548/EEC guideline, annex VI, paragraph 3.2.5, and following modifications.

Danger labelling under regulations 67/548/EEC and 1999/45/EC and following amendments and adjustments.

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

16. Other information

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

- R 10 FLAMMABLE.
- R 20 HARMFUL BY INHALATION.
- R 36/37/38 IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

GENERAL BIBLIOGRAPHY

1. Regulation 1999/45/CE and following amendments;
2. Regulation 67/548/CEE and following amendments and adjustments (technical adjustment XXIX);
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 .

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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.