



SAFETY DATA SHEET

Regulation (EC) nr. 1907/2006

14th of October 2019, SP04.00451 Rev. 00

1. NATURE OF THE MATERIALS AND MANUFACTURING COMPANY

IDENTIFICATION OF THE PRODUCT: TEX POL 20

USE OF THE PRODUCT: Protective varnish for metals

PRODUCT REGISTRATION NUMBER Not available.

COMPANY IDENTIFICATION: **INDASA – Indústria de Abrasivos, S. A.**
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2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture:

- EC regulation criteria 1272/2008 (CLP)
 - ◊ Warning, Flam. Liq. 3, Flammable liquid and vapour.
 - ◊ Warning, Skin Irrit. 2, Causes skin irritation.
 - ◊ Warning, Eye Irrit. 2, Causes serious eye irritation.
 - ◊ Warning, STOT SE 3, May cause respiratory irritation.
 - ◊ Warning, STOT SE 3, May cause drowsiness or dizziness.
 - ◊ Warning, STOT RE 2, May cause damage to organs through prolonged or repeated exposure.
 - ◊ Aquatic Chronic 2, Toxic to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:
No other hazards

2.2. Label elements:

- Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.
- **Hazard pictograms:**



- **Signal word:** Warning
- **Hazard statements:** H226 - Flammable liquid and vapour.
H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H335 - May cause respiratory irritation.
H336 - May cause drowsiness or dizziness.
H373 - May cause damage to organs through prolonged or repeated exposure.
H411 - Toxic to aquatic life with long lasting effects.



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- Precautionary statements:** P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P260 - Do not breathe fume/gas/mist/vapours/spray.
 P280 - Wear protective gloves/clothing and eye/face protection.
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P312 - Call a POISON CENTER/doctor if you feel unwell.
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.
 P501 - Dispose of contents/container in accordance with local regulations.
- Special Provisions:** None
- Contains:** Hydrocarbons, C9 aromatics
 Xylene, mixture of isomers

2.3. Other hazards: vPvB Substances: None - PBT Substances: None

3. COMPOSITION/INFORMATION ON THE COMPONENTS

3.1 Substances: N.A.

3.2 Mixtures: Hazardous components within the meaning of the CLP regulation and related classification:

Chemical name	(%)	N.º Identification		Classification 1272/2008 (CLP)
Hydrocarbons, C9, aromatics	40 - 50	CAS:	-	⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.10/1 Asp. Tox. 1 H304 ⚠ 3.8/3 STOT SE 3 H335 ⚠ 3.8/3 STOT SE 3 H336 ⚠ 4.1/C2 Aquatic Chronic 2 H411 EUH066
		INDEX:	-	
		EC:	918-668-5	
		REACH:	01-2119455851-35	
Xylene, mixture of isomers	15 - 20	CAS:	1330-20-7	⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.1/4/Dermal Acute Tox. 4 H312 ⚠ 3.1/4/Inhal Acute Tox. 4 H332 ⚠ 3.10/1 Asp. Tox. 1 H304 ⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.3/2 Eye Irrit. 2 H319 ⚠ 3.8/3 STOT SE 3 H335 ⚠ 3.9/2 STOT RE 2 H373
		INDEX:	601-022-00-9	
		EC:	215-535-7	
		REACH:	01-2119488216-32	
Benzene, mono-C10-13-alkyl derivs., distn. residues	10 - 12,5	CAS:	84961-70-6	⚠ 3.10/1 Asp. Tox. 1 H304 EUH066
		INDEX:	-	
		EC:	284-660-7	
		REACH:	01-2119485843-26	

Hazardous components contained in UVCBs carried forward and/or multi-constituent substances that meet the classification criteria and/or exposure limits (OEL): The multicomponent substance xylene (mixture of isomers) contains ethylbenzene Index Number: 601-023-00-4, CAS: 100-41-4, EC: 202-849-4



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4. FIRST-AID MEASURES

4.1 Description of first aid measures

Inhalation	Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. In case of inhalation, consult a doctor immediately and show him packing or label.
Skin contact	Remove contaminated clothing immediately and dispose off safely. After contact with skin, wash immediately with soap and plenty of water.
Eye contact	After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately. Protect uninjured eye.
Ingestion	Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media	Suitable extinguishing media: CO ₂ , powder extinguisher, foam, water spray. Extinguishing media which must not be used for safety reasons: Water jet.
5.2 Special hazards arising from the substance or mixture	Burning produces heavy smoke. Do not inhale explosion and/or combustion gases (carbon monoxide, carbon dioxide, oxides of nitrogen).
5.3 Advice for fire-fighters	Use suitable breathing apparatus. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures	Remove all sources of ignition. Wear personal protection equipment. Wear breathing apparatus if exposed to vapours/dusts/aerosols. See protective measures under point 7 and 8.
6.2. Environmental precautions	Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
6.3. Methods and material for containment and cleaning up	Suitable material for collection: inert absorbent material (e.g. sand, vermiculite) After the product has been recovered, rinse the area and materials involved.



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6.4. Reference to other sections

See also section 8 and 13

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.
Use localized ventilation system.
Don't use empty container before they have been cleaned.
Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.
Contaminated clothing should be changed before entering eating areas.
Do not eat or drink while working.
See also section 8 for recommended protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.
Keep away from food, drink and feed.
Incompatible materials:
See chapter 10.5
Instructions as regards storage premises:
Keep container tightly closed in a cool, well-ventilated place, away from heat.

7.3. Specific end use(s)

See chapter 1.2

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Hydrocarbons, C9, aromatics

ACGIH - TWA: 100 mg/m³

Xylene, mixture of isomers - CAS: 1330-20-7

WEL -- Country: UNITED KINGDOM - TWA: 220 mg/m³, 50 ppm - STEL: 441 mg/m³, 100 ppm

EU - TWA(8h): 221 mg/m³, 50 ppm - STEL: 442 mg/m³, 100 ppm - Notes: Skin

ACGIH - TWA(8h): 100 ppm - STEL: 150 ppm - Notes: A4, BEI - URT and eye irr, CNS impair

DNEL Exposure Limit Values

Hydrocarbons, C9, aromatics

Worker Professional: 25 mg/kg - Consumer: 11 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Professional: 150 mg/m³ - Consumer: 32 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 11 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

xylene, mixture of isomers - CAS: 1330-20-7

Worker Professional: 77 mg/m³ - Consumer: 14.8 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Professional: 289 mg/m³ - Consumer: 174 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Worker Professional: 289 mg/m³ - Consumer: 174 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Professional: 180 mg/kg - Consumer: 108 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Consumer: 1.6 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects



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PNEC Exposure Limit Values

Xylene, mixture of isomers - CAS: 1330-20-7

Target: Marine water - Value: 0.327 mg/l

Target: Fresh Water - Value: 0.327 mg/l

Target: Microorganisms in sewage treatments - Value: 6.58 mg/l

Target: Marine water sediments - Value: 12.46 mg/kg

Target: Freshwater sediments - Value: 12.46 mg/kg

Target: Soil (agricultural) - Value: 2.31 mg/kg

8.2. Exposure controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Respiratory protection:	If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators. Combination filtering device (DIN EN 141).
Hand protection:	There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. For prolonged or repeated handling, use chemical resistant gloves. Suitable materials for safety gloves; EN 374: NBR (nitrile rubber). FKM (fluoro rubber). The selection of suitable gloves does not only depend on the material, but also on other quality characteristics and varies from manufacturer to another one, and on the manner and times of use of the mixture.
Eye protection:	Eye glasses with side protection (EN 166).
Skin protection:	Personnel should wear anti-static clothing made of natural fibre or of high temperature resistant synthetic fibre.
Environmental:	See chapter 6.2
Appropriate engineering controls:	See section 7.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Properties - Value	Method	Notes
Appearance and colour: thick liquid	-Internal method IPASVS . IPCOVS	Internal assessment
Odour: solvent	-	-
Odour threshold: Nd	-	Solvent-based system
pH: na	-	-
Melting point / freezing point: na	-	-
Initial boiling point: nd	-	-
Flash point: > 23°C.	-	Internal assessment
Evaporation rate: nd	-	-
Flammability (solid, gas): na	-	-
Lower in flammability limit: nd	-	-



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Upper in flammability limit: nd	-	-
Lower explosive limit: nd	-	-
Upper explosive limit: nd	-	-
Vapour pressure: nd	-	-
Vapour density: nd	-	-
Relative density: 0,98 ± 0,02 kg/l	Internal method IPPSPC	-
Solubility in water: Not soluble	-	Internal assessment
Solubility in oil: nd	-	-
Partition coefficient: n-octanol/water: nd	-	-
Auto-ignition temperature: nd	-	-
Decomposition temperature: nd	-	-
Viscosity: > 20.5 mm ² /s - 40 °C	Internal Method IPVIBK	-
Explosive properties: nd	-	-
Oxidising properties: nd	-	-

9.2. Other information:

Miscibility: nd	-	-
Conductivity: nd	-	-

Legend:

na = not applicable - nd = not available

10. STABILITY AND REACTIVITY

10.1 Reactivity:	Stable under normal conditions
10.2 Chemical stability	Stable under normal conditions
10.3 Possibility of hazardous reactions:	Because of heat or fire the preparation can release carbon oxides and vapours which may be harmful to health. Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
10.4 Conditions to avoid:	Avoid to keep near heat sources.
10.5 Incompatible materials:	Avoid contact with oxidizing materials or powerful oxidizing agents. The product could catch fire. See chapter 10.3
10.6 Hazardous decomposition products:	No hazardous decomposition products when stored and handled correctly. See chapter 5.2

11. TOXICOLOGICAL INFORMATION



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11.1. Information on toxicological effects:

There are no data available on the mixture itself.

Toxicological information of the main substances found in product:

Hydrocarbons, C9, aromatics

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat 3492 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 3160 mg/kg

Test: LC50 - Route: Inhalation Vapour - Species: Rat > 6193 mg/m³ - Duration: 4h

xylene, mixture of isomers - CAS: 1330-20-7

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 3500 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 4200 mg/kg

Test: LC50 - Route: Inhalation Vapour - Species: Rat > 20 mg/l - Duration: 4h

Benzene, mono-C10-13-alkyl derivs., distn. residues - CAS: 84961-70-6

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg

Test: LD50 - Route: Skin - Species: Rat > 2000 mg/kg

If not differently specified, the information required in Regulation (EU)2015/830 listed below must be considered as N.A.:

- a) acute toxicity;
- b) skin corrosion/irritation;
- c) serious eye damage/irritation;
- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) STOT-single exposure;
- i) STOT-repeated exposure;
- j) aspiration hazard.

12. ECOLOGICAL INFORMATION

This product is dangerous for the environment and is toxic for aquatic organisms. In the long term, it have negative effects on aquatic environment.

12.1. Toxicity

Ecotoxicological studies of the product are not available.

Ecotoxicological information of the main substances found in the mixture:

Hydrocarbons, C9, aromatics

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia 3.2 mg/l - Duration h: 48

Endpoint: ErL50 - Species: Algae 2.9 mg/l - Duration h: 72

Endpoint: LC50 - Species: Fish 9.2 mg/l - Duration h: 96

12.2. Persistence and degradability:

N.A.



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12.3. Bio accumulative potential:

N.A.

12.4. Mobility in soil:

N.A.

12.5. Results of PBT and vPvB assessment:

vPvB Substances: None - PBT Substances: None

12.6. Other adverse effects:

None

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Do not allow to enter drains or water courses.

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

14. TRANSPORT INFORMATION



14.1. UN number

ADR-UN Number: 1263

IATA-UN Number: 1263

IMDG-UN Number: 1263

14.2. UN proper shipping name

ADR-Shipping Name: PAINT or PAINT RELATED MATERIAL

IATA-Shipping Name: PAINT or PAINT RELATED MATERIAL

IMDG-Shipping Name: PAINT or PAINT RELATED MATERIAL

14.3. Transport hazard class(es)

ADR-Class: 3

ADR - Hazard identification number: 30

IATA-Class: 3

IATA-Label: 3

IMDG-Class: 3

14.4. Packing group

ADR-Packing Group: III

IATA-Packing Group: III

IMDG-Packing Group: III

14.5. Environmental hazards

ADR-Environmental Pollutant: Yes

IMDG-Marine pollutant: Marine Pollutant

Most important toxic component: Hydrocarbons, C9, aromatics



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14.6. Special precautions for user

ADR-Subsidiary risks: -
ADR-S.P.: 163 367 650
ADR-Transport category (Tunnel restriction code): 3 (D/E)
IATA-Passenger Aircraft: 355
IATA-Subsidiary risks: -
IATA-Cargo Aircraft: 366
IATA-S.P.: A3 A72 A192
IATA-ERG: 3L
IMDG-EmS: F-E , S-E
IMDG-Subsidiary risks: -
IMDG-Stowage and handling: Category A
IMDG-Segregation: -

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

N.A.

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Dir. 98/24/EC (Risks related to chemical agents at work)
Dir. 2000/39/EC (Occupational exposure limit values)
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) 2015/830
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)
Regulation (EU) n. 487/2013 (ATP 4 CLP)
Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)
Regulation (EU) n. 2015/1221 (ATP 7 CLP)
Regulation (EU) n. 2016/918 (ATP 8 CLP)
Regulation (EU) n. 2016/1179 (ATP 9 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

Restriction 3
Restriction 40

Restrictions related to the substances contained:

Restriction 52

Volatile Organic compounds - VOCs = 61.63 %

Where applicable, refer to the following Italian regulatory provisions:

Directive 2012/18/EU (Seveso III)
Directive 2010/75/EU
Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1
Product belongs to category: P5c, E2

15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the mixture.



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16. OTHER INFORMATION

Text of phrases referred to under heading 3:

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.
EUH066 Repeated exposure may cause skin dryness or cracking.
H312 Harmful in contact with skin.
H332 Harmful if inhaled.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H373 May cause damage to organs through prolonged or repeated exposure.

Hazard class and hazard category	Code	Description
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Acute Tox. 4	3.1/4/Dermal	Acute toxicity (dermal), Category 4
Acute Tox. 4	3.1/4/Inhal	Acute toxicity (inhalation), Category 4
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3
STOT RE 2	3.9/2	Specific target organ toxicity - repeated exposure, Category 2
Aquatic Chronic 2	4.1/C2	Chronic (long term) aquatic hazard, category 2

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Flam. Liq. 3, H226	Internal assessment
Skin Irrit. 2, H315	Calculation method
Eye Irrit. 2, H319	Calculation method
STOT SE 3, H335	Calculation method
STOT SE 3, H336	Calculation method
STOT RE 2, H373	Calculation method
Aquatic Chronic 3, H412	Calculation method

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

ATE: Acute Toxicity Estimate

ATEmix: Acute toxicity Estimate (Mixtures)

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GefStoffVO: Ordinance on Hazardous Substances, Germany.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.

KSt: Explosion coefficient.

LC50: Lethal concentration, for 50 percent of test population.

LD50: Lethal dose, for 50 percent of test population.

PNEC: Predicted No Effect Concentration.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.



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STOT: Specific Target Organ Toxicity.
TLV: Threshold Limiting Value.
WGK: German Water Hazard Class.
N.A. Not Applicable / Not Available

Other information's:

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

The purpose of this safety sheet is to describe the products in terms of health and safety and not as a product specification, guaranteeing their properties.

The information on this Data Sheet is accurate to the best of our knowledge as to the proper use and handling of this product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with other products or any other process is the responsibility of the user.

The information does not form part of any contractual agreement. It remains the user's responsibility to adhere existing laws and regulations.

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