

**SAFETY DATA SHEET**

**Product :** VINYCOL 1520 Page: 1/5  
**Sheet :** 504319 Version: 3.01  
Date: 2002-08-19  
Cancel and replace: 2000-07-10

**1 - PRODUCT AND COMPANY IDENTIFICATION.**

**Product name:** VINYCOL 1520  
**Product code:** 504311 + 507390 J +  
**Type of product or use:** Polyurethan glue.  
**Supplier:** Producer.  
**Name:** BOSTIK FINDLEY SA  
**Address:** Immeuble IRIS - F - 92062 PARIS LA DEFENSE CEDEX  
12, place de l'Iris La Défense 2 - 92400 COURBEVOIE - FRANCE  
**Telephone:** + 33 (0)1 47 96 94 65  
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**Emergency telephone number(s):** ORFILA (PARIS-FRANCE) : + 33 (0)1 45 42 59 59

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7124

**2 - COMPOSITION/INFORMATION ON INGREDIENTS.**

## &gt;&gt; PREPARATION.

**Chemical nature:** Preparation based on polyurethane resin and solvents.

Hazardous components:	Substance	CAS	EINECS	risk	symbol	concentration
	Acetone	67-64-1	200-662-2	R 11-36-66-67	F - Xi	> 20 %
	Butanone	78-93-3	201-159-0	R 11-36-66-67	F - Xi	> 50 %
	Toluene	108-88-3	203-625-9	R 11-20	F - Xn	5 - 10 %
	Nitropropane	108-03-2	203-544-9	R 10-20/21/22	Xn	< 2 %
	Dimethylformamide	68-12-2	200-679-5	R 61-20/21-36	T	< 0.5 %

**3 - HAZARDS IDENTIFICATION.**

## &gt;&gt; MAIN HAZARDS.

**Health effects:** Irritating to eyes.  
Weakly harmful.

**Physical and chemical hazards:** Flammability risk of vapors.

**Specific hazards:** R 11 : Highly flammable.  
R 36 : Irritating to eyes.  
R 66 : Repeated exposure may cause skin dryness or cracking.  
R 67 : Vapours may cause drowsiness and dizziness.

**PRODUCT CLASSIFICATION :** HIGHLY FLAMMABLE + IRRITANT.

**4 - FIRST-AID MEASURES.**

## Information in case of :

- Inhalation: Move patient from contaminated area to fresh air.

- Skin contact: Remove any excess of product.  
Wash immediately with plenty of water and soap, rinse abundantly and copiously with water.

- Eye contact: Wash open eyes immediately, abundantly and thoroughly for at least 15 minutes.  
Seek advice of an ophthalmologist.

- Ingestion: For information : consult a doctor.

**Other information:** Remove immediately any soiled or soaked clothing.

**5 - FIRE-FIGHTING MEASURES.**

**Flash point:** - 17 °C (ISO 1523).

## &gt;&gt; EXTINGUISHING MEDIA.

- Suitable: Water spray, foam, carbon dioxide or dry powder extinguishers.

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- Not suitable:	Water jet.
Specific hazards:	Possible formation of carbon oxides, nitrogen oxides and hazardous organic compounds.
Special protective equipment for firefighters:	Wear a self contained breathing apparatus.
Other information:	Cool the packaging in the vicinity with water spray.

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## 6 - ACCIDENTAL RELEASE MEASURES.

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Personal precautions:	Remove all ignition source - Do not smoke.
Environmental precautions:	Remove all flames or sources of sparks. Prevent product from entering drainage system.
Methods for cleaning-up:	
- Recovery:	Cover with sand or sawdust; sweep or shovel up.
- Disposal:	Collect residues in a labelled container.

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## 7 - HANDLING AND STORAGE.

### >> HANDLING.

Technical measures/precautions:	Provide water supplies near the point of use.
Occupational exposure prevention :	Ensure adequate aeration. Control atmosphere and regularly check. Wear a respirator if necessary. Neither smoke, nor drink nor eat while using.
Prevention of fire and explosion:	Keep away from all sources of ignition - Do not smoke. Take precautionary measures against static discharges. Use explosion-proof equipment. Avoid accumulation of vapours; they are heavier than air.
Other precautions :	Keep out of reach of children. Avoid all contact with skin and eyes. Do not breathe vapours. Do not ingest.

### >> STORAGE.

Storage conditions :	
- Recommended:	Store in a well ventilated area away from the cold and the heat (5 - 30 °C). Keep containers hermetically sealed before and after use. The floor of the storage area should be impermeable and contained within a bund.
- To avoid:	Static discharges.

### >> PACKAGING MATERIAL.

- Recommended:	Original packaging (tin plated).
Other information:	Avoid any re-packing.

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## 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION.

Protective measures :	Provide for fresh air intake and/or adequate air extraction in plants.
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### >> CONTROL PARAMETERS.

Exposure limits:	See heading 15.
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### >> PERSONAL PROTECTION EQUIPMENT.

In case of risks of exposition:

- Respiratory protection:	Wear a respirator if necessary.
- Hand protection:	Impermeable gloves.

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- Eye protection:	Eye/face protective equipment (for example a visor).
Specific hygiene measures :	Remove immediately soaked or soiled clothing. Wash separately. Wash immediately any affected parts of the body.
Other information:	Avoid contact with skin and eyes, and breathing any vapours.

## 9 - PHYSICAL AND CHEMICAL PROPERTIES.

### >> APPEARANCE.

- Physical state:	Liquid.
- Form:	Viscous.
- Odour:	Ketonic.
>> pH :	Not applicable.

### >> TEMPERATURE CHARACTERISTICS.

- Boiling point/range:	56 °C (1013 mBar).
- Flash point:	- 17 °C (ISO 1523).
Explosive properties :	Forms explosive mixtures with air. Explosive limits in air : 1.2 - 13 % by volume (extreme values for solvents).

### >> OTHER DATA.

Vapour pressure : (*)	< 110 kPa at 50 °C.
Density:	Around 870 kg/m3 at 23 °C.
Solubility :	
. In water :	Insoluble and not miscible.
. In organic solvents :	Dispersible in ketones.

## 10 - STABILITY AND REACTIVITY.

Stability :	Stable at normal temperature of storage, handling and use.
Hazardous reactions :	
- Conditions to avoid:	Sparks, flames, ignition points and static electricity.
- Materials to avoid:	Powerful oxidants.
- Hazardous decomposition products:	Possible formation of carbon oxides, nitrogen oxides and hazardous organic products.

## 11 - TOXICOLOGICAL INFORMATION.

### >> ACUTE TOXICITY.

- Inhalation:	Weakly harmful.
- Skin contact:	Weakly harmful.
- Ingestion:	Weakly harmful.

### >> LOCAL EFFECTS.

- Inhalation:	Vapours may cause drowsiness and dizziness.
- Skin contact:	Repeated exposure may cause skin dryness or cracking.
- Eye contact:	Irritating.
- Mucous membrane contact:	Slightly irritating.

### >> SPECIFIC EFFECTS.

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- Reproductive toxicity: Dimethylformamide : this substance is toxic for reproduction , category 2. (\*)  
Possible risk of harm to the unborn child.

>> OTHER DATA.

See INRS Toxicological Data Sheets :  
Nbr. 3 (Acetone).  
Nbr. 14 (Butanone).  
Nbr. 69 (dimethylformamide).  
Nbr. 74 (Toluene).

## 12 - ECOLOGICAL INFORMATION.

Persistence and degradability: Slightly degradable.

Ecotoxicity : Do not release into natural water courses or the environment.

## 13 - DISPOSAL CONSIDERATIONS.

>> PRODUCT OR RESIDUES.

Waste disposal : Leave to harden.  
Incinerate at approved waste disposal sites only. (\*)

>> CONTAMINATED PACKAGING.

Suitable disposal : Dispose of an approved waste disposal site only.

Local regulations : Comply with local regulations.

## 14 - TRANSPORTATION INFORMATION.

>> INTERNATIONAL REGULATIONS.

UN : 1133 class : 3 packing : III label : 3  
MENTION : ADHESIVE containing FLAMMABLE LIQUID  
VISCOUS according to 2.2.3.1.4 (physical properties : see heading 9).

ADR/RID : Hazardous Identification N° : 33

IMO-IMDG : EMS : 3-05 not marine pollutant

OACI-IATA : IATA passenger : quantity package < 60 l instruction : 309  
IATA cargo : quantity package < 220 l instruction : 310

## 15 - REGULATORY INFORMATION.

>> EC REGULATIONS.

Conforms :  
Directive "Dangerous substances" 67/548/EEC amended (Directive 2001/59/EC - 28th ATP). (\*)  
Directive "Dangerous preparations" 1999/45/EC modified. (\*)  
Directive "Safety data sheets" 2001/58/EC. (\*)

- Symbol(s): F - Xi : Highly flammable - Irritant.

- R Phrase(s): R 11 : Highly flammable.  
R 36 : Irritating to eyes.  
R 66 : Repeated exposure may cause skin dryness or cracking.  
R 67 : Vapours may cause drowsiness and dizziness.

- S Phrase(s): S 9 : Keep container in a well-ventilated place.  
S 16 : Keep away from sources of ignition - No smoking.  
S 25 : Avoid contact with eyes.  
S 33 : Take precautionary measures against static discharges.  
S 51 : Use only in well-ventilated areas.

Other information: Product reserved for professional users.

>> FRENCH REGULATION.

- Occupational diseases tables : 4 bis and 84.

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- French decree 84-1093 (aeration).
  - French Threshold Limit Value (VME) :
    - Acetone : 750 ppm or 1800 mg/m<sup>3</sup> air.
    - Butanone : 200 ppm or 600 mg/m<sup>3</sup> air.
    - Toluene : 100 ppm or 375 mg/m<sup>3</sup> air.
    - Nitropropane : 25 ppm or 90 mg/m<sup>3</sup> air.
    - Dimethylformamide : 10 ppm or 30 mg/m<sup>3</sup> air.
  - Classified installations: Concerned.
  - Other information: Comply with local regulations.
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### 16 - OTHER INFORMATION.

- Recommended uses: Various gluings.
- R Phrases:
  - R 10 : Flammable.
  - R 20 : Harmful by inhalation.
  - R 20/21 : Harmful by inhalation and in contact with skin.
  - R 20/21/22 : Harmful by inhalation, in contact with skin and if swallowed.
  - R 61 : May cause harm to the unborn child.

>> The (\*) indicate the changes made with respect to the previous version.

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### NOTE.

THIS SAFETY DATA SHEET COMPLIES WITH INTERNATIONAL STANDARD ISO 11014-1.

The information provided is based upon our best knowledge at the time that this safety data sheet was published. The information is believed to be accurate and is given in all good faith. The attention of users is drawn to the possibility of creating other hazards when the product is used for purposes other than that for which it is recommended. In such cases a complete reassessment should be made by the user.

This safety data sheet should only be used and reproduced in order that the necessary measures may be taken relating to the protection of health and safety at work and relating to the protection of the environment. The references to the legislative, regulatory and codes of practice documents must not be considered as exhaustive.

It is the responsibility of handlers of the product to pass on the totality of the information contained within this documents to any subsequent persons who will come into contact with, handle or use the product in any way.

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End of document.

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