



Safety Data Sheet according to (EC) No 1907/2006 - ISO 11014-1

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TEROKAL-914

sds no. : 76593

V001.8

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1. Identification of the substance/preparation and of the company/undertaking

Trade name: TEROKAL-914

Intended use: Contact adhesive

Company Name: Henkel AG & Co. KGaA

Henkelstrasse 67

40589 Düsseldorf

Germany

Phone: +49 (211) 797 0

Fax no: +49 (211) 798 0

Email address of person responsible for Safety Data Sheet: ua-productsafety.de@henkel.com\

Emergency information: The Henkel information service also provides an around-the-clock telephone service on phone no. +49-(0)211-797-3350 for exceptional cases

Supplier: Projex Group Pty Ltd

ABN: 13 003 859 916

Street Address: Unit 2/ 1 Military Road Matraville NSW 2036

Telephone: +612 8336 1666 **Facsimile:** +612 9661 9925

Website: www.projex.com.au **Emergency telephone number:** Australia – +61 432664472

2. Hazards identification

The product is classified as hazardous within the meaning of the valid (EU) preparation directive.

Xi - Irritant

F - Highly flammable

R36 Irritating to eyes.

R11 Highly flammable.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

The solvent vapors are heavier than air and may collect in high concentrations at floor level. In use, may form explosive or highly flammable vapor-air mixtures.

3. Composition / information on ingredients

General chemical description:

Contact adhesive

Base substances of preparation:

Solvent mixture

Synthetic rubber

Declaration of ingredients according to (EC) No 1907/2006:

Hazardous components CAS-No.	EINECS ELINCS	content	Classification
Ethyl acetate 141-78-6	205-500-4	< 60 %	F - Highly flammable; R11 Xi - Irritant; R36 R66 R67
Butanone 78-93-3	201-159-0	< 20 %	F - Highly flammable; R11 Xi - Irritant; R36 R66 R67

For full text of the R-Phrases indicated by codes see section 16 'Other Information'.

Substances without classification may have community workplace exposure limits available.

4. First aid measures

Inhalation:

Fresh air, oxygen supply, warmth; seek specialist medical attention.

Skin contact:

Rinse immediately with plenty of running water (for 10 minutes), Remove all contaminated clothing and apply bandage. Seek medical advice.

Eye contact:

Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

Ingestion:

Seek medical advice immediately and show this container or label.

5. Fire fighting measures

Suitable extinguishing media:

All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons:

Water jet (solvent-containing product).

Special protection equipment for firefighters:

Wear protective equipment.
Wear self-contained breathing apparatus.

Hazardous combustion products:

carbon oxides.

6. Accidental release measures

Personal precautions:

Wear protective equipment.
Avoid contact with skin and eyes.
Danger of slipping on spilled product.
Keep unprotected persons away.
See advice in chapter 8

Environmental precautions:

Do not empty into drains / surface water / ground water.

Clean-up methods:

Remove with liquid-absorbing material (sand, peat, sawdust).
Dispose of contaminated material as waste according to item 13.

7. Handling and storage

Handling:

Ensure good ventilation/suction at the workplace.
Avoid naked flames, sparking and sources of ignition.
Take measures to prevent the build-up of electrostatic charges.
Use explosion-proof equipment.

Storage:

Store in sealed original container.
Store in a cool, well-ventilated place.
Storage at 10 to 20°C is recommended.

8. Exposure controls / personal protection

Components with specific control parameters for workplace:

Valid for

Germany

Basis

Germany - Occupational Exposure Limits

Ingredient	ppm	mg/m3	Type	Category	Remarks
Ethyl acetate 141-78-6			Short Term Exposure Classification.	Category I: substances for which the localized effect has an assigned OEL or for substances with a sensitizing effect in respiratory passages.	TRGS 900
Ethyl acetate 141-78-6	400	1.500	Occupational Exposure Limit (OEL).	2 If the AGW and BGW values are complied with, there should be no risk of reproductive damage (see Number 2.7).	TRGS 900
Butanone 78-93-3			Short Term Exposure Classification.	Category I: substances for which the localized effect has an assigned OEL or for substances with a sensitizing effect in respiratory passages.	TRGS 900
Butanone 78-93-3			Skin designation:	Can be absorbed through the skin.	TRGS 900
Butanone 78-93-3	200	600	Occupational Exposure Limit (OEL).	1 If the AGW and BGW values are complied with, there should be no risk of reproductive damage (see Number 2.7).	TRGS 900
BUTANONE 78-93-3	200	600	Time Weighted Average (TWA).		ECTLV
BUTANONE 78-93-3	300	900	Short Term Exposure Limit (STEL):		ECTLV

Engineering controls:

Ensure good ventilation/extraction.

Respiratory protection:

Suitable breathing mask when there is inadequate ventilation.
Filter A1-A3 (brown)

Hand protection:

Chemical-resistant protective gloves (EN 374). Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374): Isobutylene-isoprene rubber (IIR; ≥ 0.7 mm thickness) Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374): Isobutylene-isoprene rubber (IIR; ≥ 0.7 mm thickness) This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Eye protection:

Wear tight fitting goggles.

Skin protection:

Wear protective equipment.
Protective clothing that covers arms and legs.

General protection and hygiene measures:

Do not eat, drink or smoke while working.
Wash hands before work breaks and after finishing work.
Use only personal protection that's CE-labelled according to the regulation no. 819 of 19 August 1994.

9. Physical and chemical properties

General characteristics:

Appearance	liquid Liquid colourless
Odor:	of solvent

Phys./chem. properties:

Boiling point (1.013 hPa)	78 °C (172.4 °F)
Flash point	-4 °C (24.8 °F)
Vapor pressure (20 °C (68 °F))	25 mbar
Density (20 °C (68 °F))	0,925 g/cm ³
Flow cup viscosity (20 °C (68 °F); Type of cup: DIN-Cup; Nozzle: 6 mm)	359 s
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Insoluble
Explosion limit lower [vol%]	1,8 %(V)
upper [vol%]	11,5 %(V)
Solid content	28 %
VOC content (VOCV 814.018 VOC regulation CH)	74 %

10. Stability and reactivity

Conditions to avoid:

None if used for intended purpose.

Materials to avoid:

None if used for intended purpose.

Hazardous decomposition products:

No decomposition if used according to specifications.

11. Toxicological information

General toxicological information:

The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.
Vapors may cause drowsiness and dizziness.

Skin irritation:

Prolonged or repeated skin contact can lead to skin degreasing and hence to skin irritation.

Eye irritation:

Primary eye irritation: irritating

12. Ecological information**General ecological information:**

Do not empty into drains, soil or bodies of water.

13. Disposal considerations**Product disposal:**

The valid EEC waste code numbers are not product-related but are largely source-related. These can be requested from the manufacturer.

In consultation with the responsible local authority, must be subjected to special treatment.

14. Transport information**Road transport ADR:**

Class:	3
Packaging group:	III
Classification code:	F1
Hazard ident. number:	33
UN no.:	1133
Label:	3
Technical name:	ADHESIVES
Tunnelcode:	(D/E)
Additional information:	Special provision 640H

Railroad transport RID:

Class:	3
Packaging group:	III
Classification code:	F1
Hazard ident. number:	33
UN no.:	1133
Label:	3
Technical name:	ADHESIVES
Tunnelcode:	
Additional information:	Special provision 640H

Inland water transport ADN:

Class:	3
Packaging group:	III
Classification code:	F1
Hazard ident. number:	
UN no.:	1133
Label:	3
Technical name:	ADHESIVES
Additional information:	Special provision 640H

Marine transport IMDG:

Class:	3
Packaging group:	III
UN no.:	1133
Label:	3
EmS:	F-E ,S-D
Seawater pollutant:	-
Proper shipping name:	ADHESIVES

Air transport IATA:

Class:	3
Packaging group:	III
Packaging instructions (passenger)	309
Packaging instructions (cargo)	310
UN no.:	1133
Label:	3
Proper shipping name:	Adhesives

15. Regulations - classification and identification

Indication of danger:

Xi - Irritant

F - Highly flammable



Risk phrases:

R36 Irritating to eyes.
R11 Highly flammable.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

Safety phrases:

S2 Keep out of the reach of children.
S16 Keep away from sources of ignition - No smoking.
S23 Do not breathe vapour.
S29 Do not empty into drains.
S33 Take precautionary measures against static discharges.

VOC Paints and Varnishes (EU):

Product (sub)category:

This product is not a subject of the Directive 2004/42/EC

National regulations/information (Germany):

WGK:	1, slightly water-endangering product. (German VwVwS of May 17, 1999) Classification in conformity with the calculation method
BG regulations, rules, infos:	Observe the German BG-Chemie data sheet: M017 - Solvents.
Storage class VCI:	3

16. Other information

The labelling of the product is indicated in Section 15. The full text of the R-phrases indicated by codes in this safety data sheet are as follows:

- R11 Highly flammable.
- R36 Irritating to eyes.
- R66 Repeated exposure may cause skin dryness or cracking.
- R67 Vapours may cause drowsiness and dizziness.

Further information:

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.