

Safety Data Sheet

Protan Kontaktilim

Replaces date: 13/09/2012

Revision date: 20/02/2015

SECTION 1: Identification of the substance/preparation and of the company/undertaking

1.1. Product identifier

Trade name: Protan Kontaktilim

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended uses: Solvent-based contact adhesive.

1.3. Details of the supplier of the safety data sheet

Supplier

Company: Bostik AB
Address: Strandbadsvägen 22
Zip code: 251 09
City: Helsingborg
Country: SWEDEN
E-mail: info.se@bostik.com
Phone: +46 42 19 50 00
Homepage: www.bostik.com
Contact person: Name: - Environment dep., Phone: +46 42 19 50 00

1.4. Emergency Telephone Number

+46 8 331231 (Swedish Poisons Informations Centre) CALL 020-99 60 00 (Kemiakuten) ((Kemiakuten, open 24 hours 7 days a week))

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336

Most serious harmful effects: Highly flammable liquid and vapour. Causes serious eye irritation. May cause drowsiness or dizziness.

2.2. Label elements

Pictograms



Signal word: Danger

Contains

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Substance: acetone, propan-2-one, propanone; Butanone, methy ethyl ketone

H-phrases

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

P-phrases

P102 Keep out of reach of children.
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P403+233 Store in a well-ventilated place. Keep container tightly closed.
P261 Avoid breathing vapor/spray

Supplemental information

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

Solvent vapours may form explosive mixtures with air.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS number	EC No	REACH Reg. No.	Concentration	Notes	CLP-classification
acetone, propan-2-one, propanone	67-64-1	200-662-2	01-2119471330-49	60 - 100%		Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336
Butanone, methy ethyl ketone	78-93-3	201-159-0	01-2119457290-43	10 - 30%		Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336

Please see section 16 for the full text of H-phrases.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: Fresh air and rest. In the event of irritation in the respiratory tract, breathing difficulties, headache, tiredness, nausea or unconsciousness, seek immediate medical attention.

Ingestion: Do not induce vomiting or give anything by mouth to an unconscious person. Do not induce vomiting. Rinse the mouth with water. Contact physician if larger quantity has been consumed.

Skin contact: Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Do not use white spirit, thinner or other organic solvents. Get medical attention if irritation persists after washing.

Eye contact: Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact physician. No action shall be taken that involves personal risk or without appropriate training. The surrounding area must be removed. Keep unnecessary and undeclared workers away. Do not touch or walk through chemicals. Use suitable protective equipment. Show this safety data sheet if possible.

Burns: Flush with water until the pain stops and continue flushing for another 30 minutes.

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General: When obtaining medical advice, show the safety data sheet or label.

4.2. Most important symptoms and effects, both acute and delayed

At high concentrations, may irritate the respiratory organs and affect the central nervous system. May cause cracking of the skin and risk of eczema.

4.3. Indication of any immediate medical attention and special treatment needed

No specific information beyond that provided otherwise in this data sheet considered necessary for the treating physician.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media: Extinguish with powder, carbon dioxide, foam or fine water mist.

Unsuitable extinguishing media: Do not use a direct water jet that could spread the fire.

5.2. Special hazards arising from the substance or mixture

FUMES MAY FORM EXPLOSIVE MIXTURES WITH AIR. Vapours are heavier than air and may spread near ground to sources of ignition.

5.3. Advice for fire-fighters

Wear a self contained breathing apparatus. Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out.

Other Information: No action shall be taken that involves personal risk or without appropriate training. The surrounding area must be removed. Keep unnecessary and undeclared workers away. Do not touch or walk through chemicals. Use suitable protective equipment. Show this safety data sheet if possible.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Note the risk of ignition and explosion. Avoid inhalation and contact with skin and eyes. Provide good ventilation. Use suitable protective clothing as protection against splashing and contamination. Keep the emission separate from sources of ignition.

For emergency responders: Note the risk of ignition and explosion. Always keep away from sources of ignition.

6.2. Environmental precautions

Prevent discharges into the sewage system, watercourses or ground. Avoid direct contact. In the event of major emissions, contact the relevant authorities.

6.3. Methods and material for containment and cleaning up

Soak up with sawdust, sand or other inert absorption material. Collect in suitable sealed containers for further processing. Eliminate all sources of ignition.

6.4. Reference to other sections

See section 13 for waste disposal. See Sections 7 and 8 for prevention.

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Other Information: In the event of spillage involving the risk of environmental damage, get in touch with the authority responsible.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Effective ventilation is a prerequisite. Risk of spark formation as a result of static electricity. Keep away from sources of ignition. Smoking and naked flames prohibited.

7.2. Conditions for safe storage, including any incompatibilities

Stored in a well ventilated place and separated from sources of combustion. Keep containers tightly closed in closed original packaging or other closed metal or glass vessel. Store at room temperature.

7.3. Specific end use(s)

See Product Data Sheet.

Other Information: Classification for storage of flammable goods: Class 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit

Substance name	Time period	ppm	mg/m3	fiber/cm3	Comments	Remarks
acetone, propan-2-one, propanone	8h	500	1210			
acetone, propan-2-one, propanone	15m	1500	3620			
Butanone, methy ethyl ketone	8h	200	600			BMGV, Sk
Butanone, methy ethyl ketone	15m	300	899			BMGV, Sk

BMGV = Biological monitoring may be appropriate and Biological Monitoring Guidance Value is listed in Table 3 (Occupational Exposure Limits)

Sk = Can be absorbed through skin

Measuring methods: Compliance with the stated exposure limits values must be checked regularly.

Other Information: Contains substances for which hygienic threshold values are stipulated.

8.2. Exposure controls

Exposure controls: Technical measures: Ensure good general ventilation standards. use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below limits. Personal Precautions: Avoid skin contact with the product, wipe up the pollution / spills as soon as they arise. Wear gloves (tested to EN374) if hand contamination, wash away the impurities of the skin immediately. Wear suitable Coveralls protect against skin exposure. Provide basic training for employees to prevent / minimize exposures.

Appropriate engineering controls: Workplace and work methods are designed to prevent direct contact. Observe hygiene limits. Prevent sparks developing as a result of static electricity.

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Personal protective equipment, eye/face protection: Use approved safety goggles or face shield.

Personal protective equipment, skin protection: Wear antistatic protective clothing

Personal protective equipment, hand protection: Protective gloves shall be used when there is a risk of direct contact or splashes. Use chemical resistant gloves as per EN374. suitable hanskmaterial prolonged contact: Viton or Fluorine Rubber. Appropriate glove after brief contact: Nitrile.

Personal protective equipment, respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment. (A2 or self contained breathing apparatus)

Environmental exposure controls: Ensure compliance with local regulations for emissions.

Heating hazards: Avoid high temperatures and direct sunlight.

Other Information: Observe normal hygiene such as washing hands before meals, etc. No eating or drinking while working with this material. Information from supplier: Observe local regulations. Information from supplier: Good working hygiene must always be observed when handling product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Liquid.
Colour	Beige.
Odour	Solvent.
Solubility	Soluble in: Organic solvents.
Explosive properties	-
Oxidising properties	-

Parameter	Value/unit	Remarks
pH (solution for use)	No data	
pH (concentrate)	No data	
Melting point	No data	
Freezing point	No data	
Initial boiling point and boiling range	~ 56 °C	
Flash Point	- 19 °C	
Evaporation rate	No data	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	No data	
Vapour pressure	No data	
Vapour density	No data	
Relative density	No data	
Partition coefficient n-octanol/water	No data	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
Viscosity	No data	
Odour threshold	No data	

9.2 Other information

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Parameter	Value/unit	Remarks
Density	0.86 g/cm ³	

SECTION 10: Stability and reactivity

10.1. Reactivity

None under normal use conditions.

10.2. Chemical stability

Stable under recommended storage and handling conditions. Avoid heat, sparks and open flame.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Protect from direct sunlight. Avoid heating and contact with ignition sources.

10.5. Incompatible materials

Avoid contact with oxidising substances and strong bases.

10.6. Hazardous decomposition products

Thermal decomposition can produce sulphur dioxide and nitrogen oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral: No information available

Acute toxicity - dermal: No information available

Acute toxicity - inhalation: No information available

Skin corrosion/irritation: May have degreasing effect and cause redness and cracking of the skin.

Serious eye damage/eye irritation: Causes serious eye irritation.

Respiratory sensitisation or skin sensitisation: Based on existing data, the classification criteria are deemed not to have been met.

Germ cell mutagenicity: Based on existing data, the classification criteria are deemed not to have been met.

Carcinogenic properties: Based on existing data, the classification criteria are deemed not to have been met.

Reproductive toxicity: Based on existing data, the classification criteria are deemed not to have been met.

Single STOT exposure: May cause drowsiness or dizziness.

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Repeated STOT exposure: Based on existing data, the classification criteria are deemed not to have been met.

Aspiration hazard: Based on existing data, the classification criteria are deemed not to have been met.

SECTION 12: Ecological information

12.1. Toxicity

Acetone: Inhibition Test for bacterial cell proliferation > 1000-5000 mg / l Bioaccumulation: Does not bioaccumulate. BSF <10 (calculated). [New line] Degradability: BOD15 = 69-83% from TOD. (ThOD = theoretical oxygen demand). No information available

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available

12.5. Results of PBT and vPvB assessment

The components in this product do not meet the criteria for classification as PBT or vPvB.

12.6. Other adverse effects

No information available

Other Information

Prevent discharges into the sewage system, watercourses or ground.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Shall be treated as chemical waste. Dried product in limited volumes may be treated as normal industrial waste. When handling larger volumes consult local authorities and local waste disposal organisation.

Category of waste: EWC-Code 080409.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN-No.:	1133	14.4. Packing group:	II
14.2. UN proper shipping name:	Adhesive	14.5. Environmental hazards:	
14.3. Transport hazard class(es):	3		
Hazard label(s):	3		
Hazard identification number:		Tunnel restriction code:	(D/E)

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Inland water ways transport (ADN)

14.1. UN-No.:	1133	14.4. Packing group:	II
14.2. UN proper shipping name:	Adhesive	14.5. Environmental hazards:	
14.3. Transport hazard class(es):	33		
Hazard label(s):	3		
Transport in tank vessels:			

Sea transport (IMDG)

14.1. UN-No.:	1133	14.4. Packing group:	II
14.2. UN proper shipping name:	Adhesive	14.5. Environmental hazards:	
14.3. Transport hazard class(es):	3	Environmental Hazardous Substance Name(s):	
Hazard label(s):	3	IMDG Code segregation group:	
EmS:	F-E, S-D		

Air transport (ICAO-TI / IATA-DGR)

14.1. UN-No.:	1133	14.4. Packing group:	II
14.2. UN proper shipping name:	Adhesive	14.5. Environmental hazards:	
14.3. Transport hazard class(es):	3		
Hazard label(s):	3		

14.6. Special precautions for user

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

Not applicable.

SECTION 15: Regulatory information

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

Special Provisions: People under the age of 18 must not be exposed this product. Council directive 94/33/EC. Safety, health and environmental regulations / legislation specific for the substance or mixture. EU Regulation (EC) No 1907/2006 (REACH).

15.2. Chemical Safety Assessment

Other Information: Not established.

SECTION 16: Other information

Vendor notes: Version 2.
The information in this SDS is based on our current knowledge and on current EU and national laws. The product should not be used for other purposes than those specified under section 1 without first obtaining written handling instruction. It is always the user who has full responsibility to comply with the requirements of current legislation. The information in this

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SDS is meant as a description of safety requirements for the product and not a guarantee of product properties.

List of relevant H-statements

H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

Document language: GB