



Safety Data Sheet in compliance with Indian Manufacture, Storage and Import of Hazardous Chemicals Rules 1989, Rule 17, Schedule 9

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LOCTITE® 565™ THREAD SEALANT PST® PIPE SEALANT

MSDS-No. : 153649
V001.0

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

Product name: LOCTITE® 565™ THREAD SEALANT PST® PIPE SEALANT

Material: 230521

Product category: Anaerobic Adhesive

Identification of manufacturer, importer or distributor

Manufacturer: Henkel Adhesives Technologies India Pvt. Ltd. D3/D4, MIDC, Jejuri - 412303 India. TEL : +91 2115 300017 / 18 FAX : + 91 2115 253448, Website : www.henkel.com

Emergency information: +91 2115 300017-18

Section 2. Composition / information on ingredients

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

Hazardous components CAS-No.	EINECS	content	Classification
Cumene hydroperoxide 80-15-9	201-254-7	>= 0,1 - <= 30 %	T - Toxic; R23 Xn - Harmful; R21/22, R48/20/22 C - Corrosive; R34 O - Oxidizing; R7 N - Dangerous for the environment; R51/53
Ethane-1,2-diol 107-21-1	203-473-3	>= 0,1 - <= 30 %	Xn - Harmful; R22
N,N-Diethyl-p-toluidine 613-48-9	210-345-0	>= 0,1 - <= 30 %	T - Toxic; R23/24/25 R33 R52/53
Cumene 98-82-8	202-704-5	>= 0,1 - <= 30 %	R10 Xn - Harmful; R65 Xi - Irritant; R37 N - Dangerous for the environment; R51/53
2-phenylpropan-2-ol 617-94-7	210-539-5	>= 0,1 - <= 30 %	Xi - Irritant; R36/38 Xn - Harmful; R22

Section 3. Hazards identification

Hazard classification: Xi - Irritant

Health Effects: R36/37 Irritating to eyes and respiratory system.

Section 4. First aid measures

Inhalation: Should not be a problem as product is of low volatility. However, if feeling unwell remove patient to fresh air.

Skin contact:	Wash skin with water In case of adverse health effects seek medical advice.
Eye contact:	Flush eyes with plenty of water for at least 5 minutes. If irritation persists seek medical attention.
Ingestion:	Rinse out mouth, drink 1-2 glasses of water, do not induce vomiting. In case of adverse health effects seek medical advice.

Section 5. Fire fighting measures

Suitable extinguishing media:	Foam, extinguishing powder, carbon dioxide.
Special protection equipment for firefighters:	Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA).
Hazardous combustion products:	Oxides of carbon, oxides of nitrogen, irritating organic vapors.

Section 6. Accidental release measures

Personal precautions:	Ensure adequate ventilation.
Environmental precautions:	Do not let product enter drains.
Clean-up methods:	For small spills wipe up with paper towel and place in container for disposal. For large spills absorb onto inert absorbent material and place in sealed container for disposal.

Section 7. Handling and storage

Handling:	Use only in well-ventilated areas. Gloves and safety glasses should be worn Prolonged or repeated skin contact should be avoided to minimise any risk of sensitisation.
Storage:	Store in original containers at 8-21°C (46.4-69.8°F) and do not return residual materials to containers as contamination may reduce the shelf life of the bulk product.

Section 8. Exposure controls / personal protection

Ingredient [Regulated substance]	Value type	ppm	mg/m ³	Remarks
ETHYLENE GLYCOL, AEROSOL ONLY 107-21-1	Ceiling Limit Value:		100	ACGIH
CUMENE 98-82-8	Time Weighted Average (TWA):	50		ACGIH
CUMENE 98-82-8	Recommended exposure limit (REL):	50	245	NIOSH/GUIDE
CUMENE 98-82-8	Skin designation:			NIOSH/GUIDE Can be absorbed through the skin.

Respiratory protection:	Use only in well-ventilated areas.
Hand protection:	<p>In circumstances where there is a potential for prolonged or repeated skin contact, the use of polyvinyl chloride or nitrile rubber gauntlets or equivalent solvent resistant gloves is recommended.</p> <p>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): nitrile rubber (NBR; >= 0.4 mm thickness) Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374): nitrile rubber (NBR; >= 0.4 mm thickness)</p> <p>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.</p>
Eye protection:	Wear protective glasses.
Body protection:	Wear suitable protective clothing.
Engineering controls:	Ensure good ventilation/extraction.
Hygienic measures:	<p>Keep away from food, beverages and animal feed.</p> <p>Wash hands before work breaks and after finishing work.</p> <p>Do not eat, drink or smoke while working.</p> <p>Good industrial hygiene practices should be observed.</p>

Section 9. Physical and chemical properties

Appearance:	white paste
Odor:	mild
Specific gravity:	1,1
Boiling point:	> 149 °C (> 300.2 °F)
Flash point:	> 93,3 °C (> 199.94 °F)
Vapor pressure:	< 6,67 mbar
Density:	1,1 g/cm ³
Solubility:	Solvent: Acetone, Not available.
VOC content (2004/42/EC)	0 % (VOCV 814.018 VOC regulation CH)

Section 10. Stability and reactivity

Conditions to avoid:	Stable under normal conditions of storage and use.
Materials to avoid:	Strong oxidizing agents.
Hazardous decomposition products:	Oxides of carbon.

Section 11. Toxicological information

General toxicological information:	No laboratory animal data available.
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Section 12. Ecological information

General ecological information: Do not empty into drains / surface water / ground water.

Section 13. Disposal considerations**Product**

Method of disposal: Dispose of in accordance with local and national regulations.

Packaging

Disposal for uncleaned package: Dispose of in accordance with local and national regulations.

Section 14. Transport information**General information:**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

Section 15. Regulations - classification and identification

Indication of danger:	Xi - Irritant
Risk phrases:	R36/37 Irritating to eyes and respiratory system.
Safety phrases:	S22 Do not breathe dust. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S60 This material and its container must be disposed of as hazardous waste.
Cumene hydroperoxide	OECD. Program to investigate the potential hazards of high production volume chemicals (HPV), including decisions on the need for further work.
Ethane-1,2-diol	American Cleaning Institute (ACI) Cleaning Product Ingredient Inventory IBC Code. International Bulk Chemical Code, Chapter 17, Minimum Requirements IBC Code. International Bulk Chemical Code, Chapter 17, Minimum Requirements IBC Code. International Bulk Chemical Code, Chapter 17, Minimum Requirements India. List of Hazardous Chemicals (Manufacture, Storage and Import of Hazardous Chemical Rules, Schedule I (Part II)).
Cumene	OECD. Program to investigate the potential hazards of high production volume chemicals (HPV), including decisions on the need for further work. IBC Code. International Bulk Chemical Code, Chapter 17, Minimum Requirements IBC Code. International Bulk Chemical Code, Chapter 17, Minimum Requirements IBC Code. International Bulk Chemical Code, Chapter 17, Minimum Requirements IBC Code. International Bulk Chemical Code, Chapter 17, Minimum Requirements IBC Code. International Bulk Chemical Code, Chapter 17, Minimum Requirements IBC Code. International Bulk Chemical Code, Chapter 17, Minimum Requirements India. List of Hazardous Chemicals (Manufacture, Storage and Import of Hazardous Chemical Rules, Schedule I (Part II)). OECD. Program to investigate the potential hazards of high production volume chemicals (HPV), including decisions on the need for further work.

Section 16. Other information

Issue date: 27.08.2018

Disclaimer: 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.