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

000000153790

MSDS-No. : 153790
V001.0
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1. Identification of the substance/preparation and of the company/undertaking

Product name: 000000153790

Material:

Product category: Lubricant

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
Nickel 7440-02-0	231-111-4	>= 10 - < 30 %	carcinogenic, category 3; R40 T - Toxic; R48/23 R43 R52/53
Sulfonic acids, petroleum, sodium salts 68608-26-4	271-781-5	>= 0,1 - < 10 %	Xi - Irritant; R36
Distillates (petroleum), hydrotreated heavy paraffinic, <3% DMSO 64742-54-7	265-157-1	>= 0,1 - < 10 %	Xn - Harmful; R65
Lard, oil, polymd., oxidized 68082-79-1		>= 0,1 - < 10 %	Xi - Irritant; R36

Section 3. Hazards identification

Hazard classification: T - Toxic

Health Effects: R40 Limited evidence of a carcinogenic effect.
R43 May cause sensitisation by skin contact.
R48/23 Toxic: danger of serious damage to health by prolonged exposure through inhalation.

Section 4. First aid measures

Section 5. Fire fighting measures

Particular danger in case of fire: None

Suitable extinguishing media: Foam, dry chemical or carbon dioxide.

Special protection equipment for firefighters: Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. In case of fire, keep containers cool with water spray.

Hazardous combustion products: Metal vapors.
Oxides of carbon.
Oxides of aluminum.
Oxides of nickel.

Section 6. Accidental release measures

Environmental precautions: Do not allow product to enter sewer or waterways.

Clean-up methods: Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up.
Scrape up as much material as possible.
Store in a partly filled, closed container until disposal.

Section 7. Handling and storage

Handling: Use only with adequate ventilation.
Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling.
Keep container closed.

Storage: Store in a cool, dry place.
Keep container tightly sealed.
Keep away from sources of ignition.

Section 8. Exposure controls / personal protection

Ingredient [Regulated substance]	Value type	ppm	mg/m³	Remarks
NICKEL, ELEMENTAL, INHALABLE FRACTION 7440-02-0	Time Weighted Average (TWA):		1,5	ACGIH
NICKEL METAL AND NICKEL COMPOUNDS, EXCEPT NICKEL CARBONYL (AS NI) 7440-02-0	Recommended exposure limit (REL):		0,015	NIOSH/GUIDE
64742-54-7	Time Weighted Average (TWA):		5	
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, PURE, HIGHLY AND SEVERELY REFINED, INHALABLE FRACTION 64742-54-7	Time Weighted Average (TWA):		5	ACGIH
64742-54-7	Short Term Exposure Limit (STEL):		10	

Respiratory protection: Observe OSHA regulations for respirator use (29 CFR 1910.134).
Use a NIOSH approved supplied air respirator with an organic cartridge if the potential to exceed established exposure limits exists.

Eye protection: Safety goggles or safety glasses with side shields.
Safety showers and eye wash stations should be available.

Body protection: Neoprene or oil resistant gloves.

Engineering controls: Ensure good ventilation/extraction.

General protection measures: The workplace should be equipped with an emergency shower and eye-rinsing facility.

Hygienic measures: Keep away from food, beverages and animal feed.
Wash hands before work breaks and after finishing work.
Do not eat, drink or smoke while working.
Good industrial hygiene practices should be observed.

Section 9. Physical and chemical properties

Appearance:	silver thick
Specific gravity:	1,1
Flash point:	> 93 °C (> 199.4 °F)
Vapor pressure:	< 5 mm hg
Solubility:	Solvent: Water, Negligible

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: carbon oxides.

Section 11. Toxicological information

General toxicological information: No experimental toxicological data on the preparation as such is available.

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: T - Toxic

Risk phrases:	R40 Limited evidence of a carcinogenic effect. R43 May cause sensitisation by skin contact. R48/23 Toxic: danger of serious damage to health by prolonged exposure through inhalation.
Safety phrases:	S22 Do not breathe dust. S35 This material and its container must be disposed of in a safe way. S36/37 Wear suitable protective clothing and gloves. S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
Nickel powder [particle diameter < 1 mm]	ASD-STAN. ASD Technical Report 9536, Declarable Substances Global Automotive Declarable Substances List (GADSL), Version 1.1 India. List of Hazardous Chemicals (Manufacture, Storage and Import of Hazardous Chemical Rules, Schedule I (Part II). JIG (Joint Industry Guide) Material Composition Declaration for Electrotechnical Products No. JIG-101: Annex A (Normative) JIG Declarable Substance List OECD. Program to investigate the potential hazards of high production volume chemicals (HPV), including decisions on the need for further work.
Sulfonic acids, petroleum, sodium salts	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 OECD. Program to investigate the potential hazards of high production volume chemicals (HPV), including decisions on the need for further work. American Cleaning Institute (ACI) Cleaning Product Ingredient Inventory
Distillates (petroleum), hydrotreated heavy paraffinic, <3% DMSO	ASD-STAN. ASD Technical Report 9536, Declarable Substances OECD. Program to investigate the potential hazards of high production volume chemicals (HPV), including decisions on the need for further work.
Lard, oil, polymd., oxidized	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

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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.