

ZH-SDS-03-2026-EN · SAFETY DATA SHEET

Wax Corrosion-Inhibiting Primer (general grade)

· Identification number GP

ENGLISH TRANSLATION FOR REFERENCE

This safety data sheet was issued in Chinese. The technical and safety information — composition, CAS numbers, hazard classification, exposure limits, first aid, storage and transport information — has been faithfully translated from the original document. The supplier name has been standardised to the current registered legal entity; this administrative correction does not alter the technical or safety content. The Chinese original is supplied on request and prevails in case of any discrepancy.

Field	Content
Document reference	Identification number GP
Revision date	1 December 2023
Original language	Original document is in Chinese
Supplier	Nanjing Zhuohuang Industrial Technology Co., Ltd.
Registered address	Building 201-10, Hengli Park, No. 399 Xiongzhou South Road, Liuhe District, Nanjing, Jiangsu, China
Contact	Tel +86-25-52127289 · Emergency +86-25-52127289

The supplier name printed on the original Chinese safety data sheets for the wax products differs from the registered company name. The registered entity is Nanjing Zhuohuang Industrial Technology Co., Ltd. This is being corrected in the Chinese originals; the technical content of the sheets is unaffected.

SECTION 1

Identification of the product and the supplier

Product name	Anti-corrosion wax sealing primer (general type)
Identification number	GP
Product use	Applied to metal surfaces to exclude moisture and air and prevent corrosion
Supplier	Nanjing Zhuohuang Industrial Technology Co., Ltd.
Registered address	Building 201-10, Hengli Park, No. 399 Xiongzhou South Road, Liuhe District, Nanjing, Jiangsu, China
Telephone / emergency telephone	+86-25-52127289
Date of preparation	1 December 2023

SECTION 2

Hazards identification

Signal word	Warning
Hazard statements	May cause mild skin irritation · May cause eye irritation · May cause respiratory tract irritation
Precautionary statements	Keep in a well-ventilated place away from high temperature · Wear a face shield / eye protection · Wear gloves

SECTION 3

Composition / information on ingredients

Petroleum hydrocarbons (CAS 64742-52-5)	≤ 46 %
Wax blend (CAS 8002-74-2)	≥ 50 %
Titanium dioxide (CAS 13463-67-7)	≤ 2 %
Rust inhibitor (CAS 70984-10-0)	≤ 2 %
Other information	Because of the viscosity and / or physical form of the product, inhalation toxicity is not applicable. The oils and waxes contained in this product are not carcinogenic (IP 346, EU CLP Note L).

SECTION 4

First aid measures

Eye contact	Rinse the eyes immediately with water for at least 15 minutes. If discomfort persists, seek medical attention.
Skin contact	If an allergic reaction occurs, wash with soap and water for at least 15 minutes. Remove contaminated clothing and launder before reuse. If discomfort persists, seek medical attention.
Inhalation	If dizziness occurs, move to fresh air and give oxygen if necessary. If symptoms persist or are severe, seek medical attention.
Ingestion	If swallowed, do not induce vomiting except to prevent choking. Seek medical treatment immediately.

SECTION 5

Fire-fighting measures

Suitable extinguishing media	Carbon dioxide, foam or dry chemical powder
Special hazards	Combustion releases hydrocarbon by-products. Keep away from strong oxidising agents and ignition sources.
Special fire-fighting procedures	Handle as for a petroleum fire
Protective equipment for fire-fighters	Wear protective clothing and breathing apparatus

SECTION 6

Accidental release measures

Spillage	If molten at high temperature, scrape off mechanically and collect in plastic, paper or metal containers. Keep away from ignition sources. If petroleum solvent is used to clean residues, wear personal protective equipment. Allow molten material to cool before handling.
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SECTION 7

Handling and storage

Handling	Rubber gloves are recommended, particularly for persons sensitive to hydrocarbons or petrolatum. Avoid eye contact. Contains petroleum distillates — maintain ventilation when unwrapping. Do not expose the material to open flame. Wash hands with soap and water after handling.
Storage	Keep away from high temperature, strong oxidising agents and ignition sources. Long-term storage should be in a suitably ventilated space.

SECTION 8

Exposure controls / personal protection

Petroleum hydrocarbons (CAS 64742-52-5)	ACGIH TLV 5 mg/m ³ (mist) · OSHA PEL 5 mg/m ³ (mist)
Wax blend (CAS 8002-74-2)	ACGIH TLV 2 mg/m ³ (fume) · OSHA PEL not established
Titanium dioxide (CAS 13463-67-7)	As stated in the original document
Rust inhibitor (CAS 70984-10-0)	As stated in the original document
Respiratory protection	Local exhaust ventilation is recommended if used in an enclosed area.
Skin protection	Gloves and clothing are recommended to avoid skin contact.
Eye protection	Not required, but users should take care to avoid contact with the eyes.
Hygiene	Wash with soap and water before eating, drinking, smoking, applying cosmetics or using the toilet.

SECTION 9

Physical and chemical properties

Appearance	White or slightly yellow
Physical state	Paste
Odour	Similar to petrolatum
Boiling range	Not applicable
Flash point	> 150 °C
Melting point	≥ 50 °C
Specific gravity (H ₂ O = 1)	< 1
Solubility	Negligible
Decomposition temperature	Not applicable
Vapour pressure / vapour density	Not applicable
Evaporation rate (butyl acetate = 1)	Not applicable
Explosive limits	Not applicable
Auto-ignition temperature	Not applicable
pH	Not applicable

SECTION 10

Stability and reactivity

Stability	Stable under normal conditions; will not undergo hazardous polymerisation.
Chemical stability	Stable under normal storage conditions.
Conditions and materials to avoid	Keep away from open flame, high temperature and strong oxidising agents.
Hazardous decomposition products	No decomposition products under normal conditions. Combustion releases carbon monoxide and hydrocarbons.

SECTION 11

Toxicological information

Routes of exposure	Skin contact, inhalation, ingestion, eye contact
Eye contact	May cause eye irritation; not expected under normal use.
Skin contact	Repeated contact may cause skin sensitisation. Molten material at high temperature may cause burns.
Inhalation	No known data or cases; not expected under normal use.
Ingestion	No known data or cases; not expected under normal use.
Petroleum hydrocarbons – LD50 oral	> 2 000 mg/kg (rat)
Petroleum hydrocarbons – LD50 dermal	> 5 000 mg/kg (rabbit)
Petroleum hydrocarbons – irritation	Non-irritating

SECTION 12

Ecological information

Ecotoxicity	No data currently available
Persistence and degradability	Not stated
Bioaccumulation	Not stated
Mobility in soil	Not stated
Other adverse effects	Unknown

SECTION 13

Disposal considerations

Disposal

May be treated as general industrial waste by incineration or landfill, in accordance with the applicable national and local laws and regulations.

SECTION 14

Transport information

US DOT hazard class	Not applicable — this material is not listed in the hazard class classification
US DOT identification number	Not applicable — not listed
Proper shipping name	Not applicable — not listed under IATA / ICAO proper shipping names
UN number	Not applicable — not listed in the UN dangerous goods numbering
Other	Apart from the handling and storage recommendations in Section 7, this material has no special international transport regulations or restrictions and presents no transport hazard.

SECTION 15

Regulatory information

Applicable regulations	Regulations on the Safety Management of Hazardous Chemicals (2013 revision, State Council Order No. 591); Provisions on the Supervision and Administration of Occupational Health in the Workplace (2012, SAWS Order No. 47); Labour Law of the People's Republic of China (2009 revision); Provisions on the Safe Use of Chemicals in the Workplace (Lao Bu Fa [1996] No. 423). These regulations set out corresponding requirements for the safe use, production, storage, transport and handling of hazardous chemicals.
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SECTION 16

Other information

Statement	The content of this document is provided in good faith and on the basis of the data collected, but no express or implied warranty is given and no liability is accepted for damage arising from use of this substance. Users are responsible for complying with all applicable laws and regulations.
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DOCUMENT STATUS

This safety data sheet relates to the product named above as supplied by Nanjing Zhuohuang Industrial Technology Co., Ltd. It does not constitute a specification. Product technical properties are given in the corresponding technical data sheet.

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