



# Turmopast NBI 2 weiss

## Safety Data Sheet

according to the United Nations GHS (Rev. 10, 2023)

Issue date: 13/10/2025

Revision date: 13/10/2025

:

Version: 1.0

### SECTION 1: Identification

#### 1.1. GHS Product identifier

|              |                       |
|--------------|-----------------------|
| Product form | Mixture               |
| Product name | Turmopast NBI 2 weiss |
| Product code | BU ET&A               |

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

|                              |                                     |
|------------------------------|-------------------------------------|
| Use of the substance/mixture | Lubricants, greases, release agents |
| Recommended use              | For professional use only           |

#### 1.4. Supplier's details

##### Supplier

Lubricant Consult GmbH  
Gutenbergstraße 13  
63477 Maintal  
Germany  
T +49 6109 7650-0  
[msds-request@lubcon.com](mailto:msds-request@lubcon.com)

##### Department issuing data specification sheet

Hilti AG  
Feldkircherstraße 100  
FL 9494 Schaan  
Liechtenstein  
T +423 234 2111  
[product.compliance-power.tools@hilti.com](mailto:product.compliance-power.tools@hilti.com)

#### 1.5. Emergency phone number

|                  |   |
|------------------|---|
| Emergency number | Emergency CONTACT (24-Hour-Number):<br>GBK GmbH Global Regulatory Compliance<br>+49 (0)6132-84463 |
|------------------|---|

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

##### Classification according to the United Nations GHS

|  |      |                    |
|--|------|--------------------|
| Hazardous to the aquatic environment – Acute Hazard, Category 3      | H402 | Calculation method |
| Hazardous to the aquatic environment – Chronic Hazard Not classified |      | Calculation method |
| Full text of H-statements: see section 16                            |      |                    |

#### 2.2. GHS Label elements, including precautionary statements

##### Labelling according to the United Nations GHS

|                                   |  |
|-----------------------------------|--|
| Signal word (GHS UN)              | -  |
| Hazard statements (GHS UN)        | H402 - Harmful to aquatic life           |
| Precautionary statements (GHS UN) | P273 - Avoid release to the environment. |

#### 2.3. Other hazards which do not result in classification

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

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### 3.2. Mixtures

| Name  | Product identifier  | %   | Classification according to the United Nations GHS   |
|---|---------------------|-----|--|
| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene | CAS-No.: 68411-46-1 | < 1 | Reproductive toxicity, Category 2, H361<br>Hazardous to the aquatic environment – Acute Hazard Not classified<br>Hazardous to the aquatic environment – Chronic Hazard, Category 3, H412 |

Full text of H-statements: see section 16

## SECTION 4: First-aid measures

### 4.1. Description of necessary first-aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures general            | Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).  |
| First-aid measures after inhalation   | Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest. If experiencing respiratory symptoms: Call a poison center or a doctor. |
| First-aid measures after skin contact | Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash skin with plenty of water.  |
| First-aid measures after eye contact  | Rinse immediately with plenty of water. If eye irritation persists: Get medical advice/attention.  |
| First-aid measures after ingestion    | Rinse mouth. Drink plenty of water. Get medical advice/attention. Call a poison center or a doctor if you feel unwell.   |

### 4.2. Most important symptoms/effects, acute and delayed

No additional information available

### 4.3. Indication of immediate medical attention and special treatment needed, if necessary

No additional information available.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable extinguishing media

|                                |   |
|--------------------------------|---|
| Suitable extinguishing media   | ABC-powder. Foam. Dry powder. Carbon dioxide. Sand. |
| Unsuitable extinguishing media | Do not use a heavy water stream.                    |

### 5.2. Specific hazards arising from the chemical

|  |   |
|--|---|
| Reactivity in case of fire                       | On burning: release of toxic gases/vapours.         |
| Hazardous decomposition products in case of fire | Carbon dioxide. Carbon monoxide. Hydrofluoric Acid. |

### 5.3. Special protective actions for fire-fighters

|                                |   |
|--------------------------------|---|
| Firefighting instructions      | Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.  |
| Protection during firefighting | Do not enter fire area without proper protective equipment, including respiratory protection. Self-contained breathing apparatus. Complete protective clothing. |

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

|                  |   |
|------------------|---|
| General measures | Spilled material may present a slipping hazard. |
|------------------|---|

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|   |   |
|---|---|
| Prevention Measures for Secondary Accidents   | No additional information available.  |
| <b>6.1.1. For non-emergency personnel</b>   |   |
| Emergency procedures  | Ventilate spillage area. Evacuate unnecessary personnel.  |
| <b>6.1.2. For emergency responders</b>  |   |
| Protective equipment  | Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".  |
| Emergency procedures  | Ventilate area. Evacuate unnecessary personnel. Stop leak if safe to do so.   |
| <b>6.2. Environmental precautions</b>   |   |
| Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment. |   |
| <b>6.3. Methods and materials for containment and cleaning up</b>   |   |
| For containment   | Collect spillage. Keep in suitable, closed containers for disposal.   |
| Methods for cleaning up   | Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. Take up liquid spill into absorbent material. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). |
| Other information   | Dispose of materials or solid residues at an authorized site.   |

## SECTION 7: Handling and storage

|  |   |
|--|---|
| <b>7.1. Precautions for safe handling</b>                                |   |
| Precautions for safe handling  | Ensure good ventilation of the work station. Wear personal protective equipment. Do not get in eyes, on skin, or on clothing. Do not breathe vapours, spray. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. |
| Hygiene measures   | Do not eat, drink or smoke when using this product. Always wash hands after handling the product.   |
| Additional hazards when processed  | Not expected to present a significant hazard under anticipated conditions of normal use.  |
| <b>7.2. Conditions for safe storage, including any incompatibilities</b> |   |
| Technical measures   | Keep in a cool, well-ventilated place away from heat.   |
| Storage conditions   | Keep cool. Protect from sunlight. Keep container closed when not in use. Keep away from ignition sources. Keep only in original container.  |

## SECTION 8: Exposure controls/personal protection

|   |   |
|---|---|
| <b>8.1. Control parameters</b>  |   |
| <b>Monitoring methods</b>   |   |
| Monitoring methods  | A specific exposure sampling method is not available.     |
| <b>8.2. Appropriate engineering controls</b>  |   |
| Appropriate engineering controls  | Ensure good ventilation of the work station.              |
| Environmental exposure controls   | Avoid release to the environment.                         |
| Other information   | Do not eat, drink or smoke during use.                    |
| <b>8.3. Individual protection measures, such as personal protective equipment (PPE)</b> |   |
| <b>Personal protective equipment:</b>   |   |
| Avoid all unnecessary exposure. Avoid contact with skin and eyes.                       |   |
| Hand protection   | Prolonged and/or repeated handling: Nitrile rubber gloves |
| Eye protection  | Chemical goggles or safety glasses                        |

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Skin and body protection

Wear suitable protective clothing

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment

### 8.4. Exposure limit values for the other components

No additional information available

## SECTION 9: Physical and chemical properties

### 9.1. Basic physical and chemical properties

|   |                     |
|---|---------------------|
| Physical state                                  | Solid               |
| Appearance                                      | Pasty               |
| Colour  | Beige.              |
| Odour   | characteristic.     |
| Odour threshold                                 | Not available       |
| Melting point                                   | Not available       |
| Freezing point                                  | Not available       |
| Boiling point                                   | > 300 °C (1013 hPa) |
| Flammability                                    | Not available       |
| Lower explosion limit                           | Not applicable      |
| Upper explosion limit                           | Not applicable      |
| Flash point                                     | ≥ 220 °C (1013 hPa) |
| Auto-ignition temperature                       | Not applicable      |
| Decomposition temperature                       | > 290 °C (1013 hPa) |
| pH  | Not available       |
| pH solution                                     | Not available       |
| Viscosity, kinematic (calculated value) (40 °C) | Not applicable      |
| Partition coefficient n-octanol/water (Log Kow) | Not available       |
| Vapour pressure                                 | < 0,1 hPa (50 °C)   |
| Vapour pressure at 50°C                         | Not available       |
| Density   | 0,96 g/cm³ (20 °C)  |
| Relative density                                | Not available       |
| Relative vapour density at 20°C                 | Not applicable      |
| Solubility                                      | Not available       |
| Particle size                                   | Not available       |

### 9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No additional information available.

### 10.4. Conditions to avoid

Keep away from heat and direct sunlight.

### 10.5. Incompatible materials

Strong oxidizing agents.

### 10.6. Hazardous decomposition products

Toxic gases. Toxic vapours. Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). carbon black. Hydrofluoric Acid.

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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

|                                   |                |
|-----------------------------------|----------------|
| Acute toxicity (oral)             | Not classified |
| Acute toxicity (dermal)           | Not classified |
| Acute toxicity (inhalation)       | Not classified |
| Skin corrosion/irritation         | Not classified |
| Serious eye damage/irritation     | Not classified |
| Respiratory or skin sensitization | Not classified |
| Germ cell mutagenicity            | Not classified |
| Carcinogenicity                   | Not classified |
| Reproductive toxicity             | Not classified |
| STOT-single exposure              | Not classified |
| STOT-repeated exposure            | Not classified |
| Aspiration hazard                 | Not classified |

### SECTION 12: Ecological information

#### 12.1. Toxicity

|  |   |
|--|---|
| Ecology - general  | The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
| Hazardous to the aquatic environment, short-term (acute)                             | Harmful to aquatic life.  |
| Classification procedure (Hazardous to the aquatic environment, short-term (acute))  | Calculation method  |
| Hazardous to the aquatic environment, long-term (chronic)                            | Not classified.   |
| Classification procedure (Hazardous to the aquatic environment, long-term (chronic)) | Calculation method  |

| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1) |            |
|--|------------|
| LC50 - Fish [1]  | > 100 mg/l |
| LC50 - Other aquatic organisms [1]   | > 100 mg/l |

#### 12.2. Persistence and degradability

| Turmopast NBI 2 weiss  |                                      |
|--|--------------------------------------|
| Persistence and degradability  | No additional information available. |
| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1) |                                      |
| Persistence and degradability  | Not rapidly degradable               |

#### 12.3. Bioaccumulative potential

| Turmopast NBI 2 weiss  |                  |
|--|------------------|
| Bioaccumulative potential  | Not established. |
| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1) |                  |
| Bioconcentration factor (BCF REACH)  | 411              |

#### 12.4. Mobility in soil

| Turmopast NBI 2 weiss |                                     |
|-----------------------|-------------------------------------|
| Mobility in soil      | No additional information available |

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### 12.5. Other adverse effects

|                       |                                     |
|-----------------------|-------------------------------------|
| Ozone                 | Not classified                      |
| Other adverse effects | No additional information available |
| Other information     | Avoid release to the environment.   |

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

|  |   |
|--|---|
| Regional waste regulation                  | Disposal must be done according to official regulations.  |
| Waste treatment methods                    | Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Sewage disposal recommendations            | Disposal must be done according to official regulations.  |
| Product/Packaging disposal recommendations | Dispose in a safe manner in accordance with local/national regulations.   |
| Ecological waste information               | Avoid release to the environment.   |
| Additional information                     | Do not re-use empty containers.   |

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / RID /

| ADR                                     | IMDG          | IATA          | RID           |
|---|---------------|---------------|---------------|
| <b>14.1. UN number or ID number</b>     |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated |
| <b>14.2. UN proper shipping name</b>    |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated |
| <b>14.3. Transport hazard class(es)</b> |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated |
| <b>14.4. Packing group</b>              |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated |
| <b>14.5. Environmental hazards</b>      |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated |
| No supplementary information available  |               |               |               |

### 14.6. Special precautions for user

#### Overland transport

Not regulated

#### Transport by sea

Not regulated

#### Air transport

Not regulated

#### Rail transport

Not regulated

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

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### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations specific for the product in question

No additional information available

### SECTION 16: Other information

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Abbreviations and acronyms

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road  
ATE - Acute Toxicity Estimate  
BCF - Bioconcentration factor  
BLV - Biological limit value  
BOD - Biochemical oxygen demand (BOD)  
COD - Chemical oxygen demand (COD)  
DMEL - Derived Minimal Effect level  
DNEL - Derived-No Effect Level  
EC-No. - European Community number  
EC50 - Median effective concentration  
EN - European Standard  
IARC - International Agency for Research on Cancer  
IATA - International Air Transport Association  
IMDG - International Maritime Dangerous Goods  
LC50 - Median lethal concentration  
LD50 - Median lethal dose  
LOAEL - Lowest Observed Adverse Effect Level  
NOAEC - No-Observed Adverse Effect Concentration  
NOAEL - No-Observed Adverse Effect Level  
NOEC - No-Observed Effect Concentration  
OECD - Organisation for Economic Co-operation and Development  
OEL - Occupational Exposure Limit  
PBT - Persistent Bioaccumulative Toxic  
PNEC - Predicted No-Effect Concentration  
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail  
SDS - Safety Data Sheet  
STP - Sewage treatment plant  
ThOD - Theoretical oxygen demand (ThOD)  
TLM - Median Tolerance Limit  
VOC - Volatile Organic Compounds  
CAS-No. - Chemical Abstract Service number  
N.O.S. - Not Otherwise Specified  
vPvB - Very Persistent and Very Bioaccumulative  
ED - Endocrine disruptor

Other information None.

| Full text of H-statements:     |  |
|--------------------------------|--|
| Aquatic Acute 3                | Hazardous to the aquatic environment – Acute Hazard, Category 3      |
| Aquatic Acute Not classified   | Hazardous to the aquatic environment – Acute Hazard Not classified   |
| Aquatic Chronic 3              | Hazardous to the aquatic environment – Chronic Hazard, Category 3    |
| Aquatic Chronic Not classified | Hazardous to the aquatic environment – Chronic Hazard Not classified |



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| Full text of H-statements: |   |
|----------------------------|---|
| Repr. 2                    | Reproductive toxicity, Category 2                   |
| H361                       | Suspected of damaging fertility or the unborn child |
| H402                       | Harmful to aquatic life                             |
| H412                       | Harmful to aquatic life with long lasting effects   |

SDS\_UN\_Hilti

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.