



## MATERIAL SAFETY DATA SHEET

Date: 25.02.2019

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product name:** GRINDING PASTE Diamond, Classic, Professional, Promante, ANF (FABO), FIX.  
**Recommended use:** Lapping pastes for valves are intended for valves grinding at temperature from -40°C to +130°C.

**Manufacturer/ Supplier:** VMPAUTO LLC  
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**Telephone:** +7 (812) 601-05-50 / +7 (812) 601-05-59

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**Emergency telephone number:**

+7 (812) 601-05-50 / +7 (812) 601-05-59 (Mon.- Fri. 9.00 am – 6.00 pm)

### 2. HAZARD IDENTIFICATION

**Hazard Classification:** The material is not hazardous.

**Hazard for health:** It is not hazardous for health under normal application conditions.

**Ecological hazard:** It is not classified as hazardous substance for environment.

### 3. COMPOSITION/ INFORMATION ON INGREDIENTS

**Chemical composition:** Mineral oil solidified by lithium's soaps of fat acids with additives of abrasive powder (boron carbide, silicon carbide) and additive .

### 4. FIRST AID MEASURES

**General information:** Product is not hazardous for health under normal application conditions.

**Swallowed:** Rinse mouth with water. If swallowed, give a glass of water to drink. If vomiting occurs give further water. Seek medical attention if big quantity of product was swallowed or if symptoms persist.

**Eyes:** Irrigate thoroughly with water, if irritation occurs, seek medical advice.

**Skin:** Wash area with soap and water. Remove contaminated clothes and launder before reuse.

**Inhaled:** Remove from further exposure. If irritation, dizziness, nausea or unconsciousness occurs, get medical assistance.

### 5. FIRE-FIGHTING MEASURE

**Suitable extinguishing media:** Foam, carbon dioxide, dry chemical powder, sand, water etc.

**Prohibited means:** Do not use water in the form of a jet.

**Precautions for fire fighters and special protective equipment:** Self-Contained Breathing Apparatus (SCBA) and full protective clothing should be worn for fires in enclosed areas.

### 6. ACCIDENTAL RELEASE MEASURES

**Emergency procedures:** Switch off or remove all potential ignition sources. Prevent material entering drains or waterways. If pool of contents forms cover with sand, soil or other inert absorbents. Shovel

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saturated absorbent into plastic pails or drums. Thoroughly ventilate work area before re-entry. Dispose proper way.

### 7. HANDLING AND STORAGE

**General safety rules:** Under normal use of the product is stable and does not require special protective equipment. The product relates to hardly combustible and low toxic class.

**Conditions for safe storage:** Use rubber gloves

**Precautions for safe handling:** It is not necessary under normal use.

### 8. EXPOSURE CONTROL/PERSONAL PROTECTION

**General information:** Under normal use of the product preparation, product is stable and it doesn't require special protective equipment. Preparation of the product is related to hard-combustible and low-toxic products.

**Personal Protection Equipment:** It is not required under proper application.

**Eye/Face:** It is not required under proper application.

**Skin:** Use rubber gloves.

**Respiratory Protection:** It is not required under proper application.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical condition:** Homogeneous paste, brown color.

**Drop point, °C:** +180°C.

**Water content, %:** Absent.

**Penetration:** N/A

**Flammability:** Not flammable.

**Oxidizing properties:** Absent.

**Pressure of vapor:** N/A

### 10. STABILITY AND REACTIVITY

**Chemical stability:** Material is stable under proper use conditions and storage.

**Conditions to avoid:** Heat and ignition sources.

**Hazard of polymerization:** Not hazardous.

**Incompatibility:** With strong oxidants.

**Hazardous products of decomposition:** Formation of hazardous product is not supposed.

### 11. TOXICOLOGICAL INFORMATION

Product is not hazardous for organism and relates to IV Class of Hazard (substances are moderately hazardous as in GOST 12.1.007).

No adverse health effect expected if the product is handled in accordance with this Safety Data Sheet and product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

#### Acute effects

**Inhalation:** N/A

**Skin contact:** Slight irritation.

**Eye contact:** Slight irritation.



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Ingestion: N/A

### 12. ECOLOGICAL INFORMATION

Eco-toxicological data were not received specially for this product. The information above is based on knowledge of components and results of eco-toxicological research of analogue products.

**Acute toxicology:** Product is considered non-toxic. Mineral oil does not make chronic action on water organisms under concentration less than 1mg/l. It has slow toxic effect on fish and micro flora of water pools.

In water and air in the presence of other substances does not form toxic compounds.

**Movement:** Product is not mixed with water. Under penetration in soil it is absorbed with its particles.

**Stability:** Product is not fast bio-degradable. Basic components are bio-degradable, but product has non bio-degradable substances.

**Bio-accumulation:** Some components can accumulate in alive organisms.

**Other impacts:** It is not supposed a possibility of destruction of ozone layer and influence on global warming.

Protection of environment is provided under production with hermetically sealed technical equipment. Liquid and solid wastes are absent.

### 13. DISPOSAL CONSIDERATIONS

**Disposal methods:** Wastes (remainders) place in strictly labeled container for next utilization and regeneration. Any means of actions with wastes must be appropriate to all local and public laws and normative acts.

### 14. TRANSPORT INFORMATION

**Properties of transportation:** It is not classified as a hazardous load.

**UN number:** N/A

**Hazard class:** N/A

**ADR/RID (Road transport):** It is not subjected to norm ADR/RID.

**IMDG (Sea transport):** It is not subjected to technical conditions IMDG.

**IATA (Air transport):** It is not subjected to norms of "IATA Dangerous Goods Regulation (DGR) 60th Edition 2019"

Product can be transported with any transport.

### 15. REGULATORY INFORMATION

Laws of Russian Federation:

«About technical regulation»;

«About environmental safety»;

«About sanitary-epidemiological well-being of the population».

Under the international conventions and agreements it is not subjected.

### 16. OTHER INFORMATION



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Contents and form of the given document corresponds to requirements:

1. GOST 30333-2007 «Passport of safety of chemical production. General requirements».
2. GOST 12.1.007-76 «Harmful substances. Classification and general safety requirements».
3. GOST 12.1.005-88 «General sanitary-epidemiological requirements to air of working zone».
4. GN 2.1.5.1315-03 «Maximum permissible concentration of (MPC) of chemical substances in water of water pools for household-drinking and cultural-household water management».
5. GOST 19433-88 «Hazardous loads. Classification and labeling».

### Utilization recommendations:

This product is applied and used as compound for sealing of threaded connections as specified in instruction on package for sealing of threaded connections.

### Abbreviations:

N/A - not applicable;

N/D - not determined.

This safety data sheet has been prepared by VMPAUTO LLC.

This SDS summarizes to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since VMPAUTO LLC cannot anticipate or control the conditions under which product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact their VMPAUTO LLC representative or VMPAUTO LLC at the contact details page 1.

VMPAUTO LLC responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.