

# Safety Data Sheet

acc. to OSHA HCS

Printing date 10/19/2023

Reviewed on 10/19/2023

## 1 Identification

- **Product identifier**
- **Trade name:** *WAKOL D 3045 Special Primer*
- **Application of the substance / the mixture** *Priming*
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
*Loba-Wakol, LLC  
 2732 Hwy 74 West  
 Wadesboro, NC 28170, USA  
 info@loba-wakol.com  
 +1 704 527 5919*
- **Information department:** *Product safety department.*
- **Emergency telephone number:**  
*Emergency CONTACT (24-Hour-Number)  
 GBK/Infotrac ID 98229: (USA domestic) 1 800 535 5053 or  
 International (001) 352 323 3500*

## 2 Hazard(s) identification

- **Classification of the substance or mixture**  
*The product is not classified, according to the Globally Harmonized System (GHS).*

- 
- **Label elements**
  - **GHS label elements** *Void*
  - **Hazard pictograms** *Void*
  - **Signal word** *Void*
  - **Hazard statements** *Void*
  - **Classification system:**
  - **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**



- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*

## 3 Composition/information on ingredients

- **Chemical characterization:** *Mixtures*
- **Description:** *Adhesive*
- **Dangerous components:**  

14808-60-7 quartz (SiO <sub>2</sub> )*	>20–≤25%
☠ Carcinogenicity 1A, H350; Specific Target Organ Toxicity - Repeated Exposure 1, H372	

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**Trade name: WAKOL D 3045 Special Primer**

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112945-52-5 Amorphous Silica

>1-≤2.5%

7631-86-9 silicon dioxide, chemically prepared

>1-≤2.5%

**Additional information:**

*\*This product contains a material that may be hazardous when present as an airborne dust. Since this product is in a liquid form, the material is not able to become airborne and cannot be inhaled. Thus, the hazards usually associated with this material are not applicable to this product.*

### 4 First-aid measures

**Description of first aid measures**

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:** Immediately wash with water and soap and rinse thoroughly.

**After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After swallowing:** Do not induce vomiting; immediately call for medical help.

**Information for doctor:**

**Most important symptoms and effects, both acute and delayed** No further relevant information available.

**Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

### 5 Fire-fighting measures

**Extinguishing media**

**Suitable extinguishing agents:**

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Use fire fighting measures that suit the environment.

**Special hazards arising from the substance or mixture** No further relevant information available.

**Advice for firefighters**

**Protective equipment:** Mouth respiratory protective device.

### 6 Accidental release measures

**Personal precautions, protective equipment and emergency procedures** Ensure adequate ventilation

**Environmental precautions:**

Do not allow product to reach sewage system or any water course.

Dilute with plenty of water.

**Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13.

**Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

**PAC-I:**

112945-52-5 Amorphous Silica: 18 mg/m<sup>3</sup>

7631-86-9 silicon dioxide, chemically prepared: 18 mg/m<sup>3</sup>

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· **PAC-2:**

112945-52-5 Amorphous Silica: 100 mg/m<sup>3</sup>

7631-86-9 silicon dioxide, chemically prepared: 740 mg/m<sup>3</sup>

· **PAC-3:**

112945-52-5 Amorphous Silica: 630 mg/m<sup>3</sup>

7631-86-9 silicon dioxide, chemically prepared: 4,500 mg/m<sup>3</sup>

**7 Handling and storage**

· **Handling:**

· **Precautions for safe handling** No special precautions are necessary if used correctly.

· **Information about protection against explosions and fires:** No special measures required.

· **Conditions for safe storage, including any incompatibilities**

· **Storage:**

· **Requirements to be met by storerooms and receptacles:** No special requirements.

· **Information about storage in one common storage facility:** Not required.

· **Further information about storage conditions:**

Protect from frost.

Store in cool, dry conditions in well sealed receptacles.

· **Specific end use(s)** No further relevant information available.

**8 Exposure controls/personal protection**

· **Additional information about design of technical systems:** No further data; see section 7.

· **Control parameters**

· **Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

Wash hands before breaks and at the end of work.

· **Breathing equipment:** Not necessary if room is well-ventilated.

· **Protection of hands:**



Protective gloves

Preventive skin protection by use of skin-protecting agents is recommended.

· **Material of gloves**

Nitrile rubber, NBR

Recommended thickness of the material:  $\geq 0.35$  mm

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the

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application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**



Tightly sealed goggles

· **Body protection:** Protective work clothing

**9 Physical and chemical properties**

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form: Fluid

Color: Light red

· **Odor:** Characteristic

· **Odor threshold:** Not determined.

· **pH-value at 20 °C (68 °F):** 7.9 (ISO 976)

· **Change in condition**

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 100 °C (212 °F)

· **Flash point:** Not applicable.

· **Flammability (solid, gaseous):** Not applicable.

· **Decomposition temperature:** Not determined.

· **Ignition temperature:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Explosion limits:**

Lower: Not determined.

Upper: Not determined.

· **Vapor pressure at 20 °C (68 °F):** 23 hPa (17.3 mm Hg)

· **Density at 20 °C (68 °F):** 1.26 g/cm<sup>3</sup> (10.515 lbs/gal) (EN ISO 2811-1)

· **Relative density** Not determined.

· **Vapor density** Not determined.

· **Evaporation rate** Not determined.

· **Solubility in / Miscibility with**

Water: Fully miscible.

· **Partition coefficient (n-octanol/water):** Not determined.

· **Viscosity:**

Dynamic at 20 °C (68 °F): 2,250 mPas (ISO 2555)

Kinematic: Not determined.

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**VOC content:** 0.00 %  
**Solids content:** 64.0 % (DIN EN 827.8.2)  
**Other information** No further relevant information available.

**10 Stability and reactivity**

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

**11 Toxicological information**

- **Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:**
  - 2634-33-5 1,2-benzisothiazol-3(2H)-one**
  - Oral LD50 1,193 mg/kg (rat)
  - Dermal LD50 4,115 mg/kg (rat)
  - 55965-84-9 a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one [EC No 247-500-7] and 2-methyl-2 H -isothiazol-3-one [EC No 220-239-6] (3:1)**
  - Oral LD50 66 mg/kg (rat)
  - Dermal LD50 141 mg/kg (rat)
- **Primary irritant effect:**
- **on the eye:** Based on available data, the classification criteria are not met.
- **Additional toxicological information:**  
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
- **Carcinogenic categories**
- **IARC (International Agency for Research on Cancer)**
  - 14808-60-7 quartz (SiO2)\*: 1
- **NTP (National Toxicology Program)**
  - 14808-60-7 quartz (SiO2)\*: K
- **OSHA-Ca (Occupational Safety & Health Administration)**  
None of the ingredients is listed.

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**12 Ecological information**

· **Toxicity**

· **Aquatic toxicity:**

**2634-33-5 1,2-benzisothiazol-3(2H)-one**

LC50/96h 2.18 mg/l (*Oncorhynchus mykiss*)

2.2 mg/l (*Lepomis macrochirus*)

EC50/18h 0.4 mg/l (*Pseudomonas putida*)

EC50/48h 2.94 mg/l (*Daphnia magna*)

EC50/72h 0.067 mg/l (*Pseudokirchneriella subcapitata*)

EC0 1 mg/l (*Daphnia magna*)

**55965-84-9 a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one [EC No 247-500-7] and 2-methyl-2 H -isothiazol-3-one [EC No 220-239-6] (3:1)**

NOEC/48h 0.00064 mg/l (*Skeletonema costatum*)

NOEC/21d 0.004 mg/l (*Daphnia magna*)

LC50/96h 0.188 mg/l (*Oncorhynchus mykiss*)

EC20/3h 0.97 mg/l (sludge)

EC50/48h 0.126 mg/l (*Daphnia magna*)

EC50/3h 7.92 mg/l (sludge) (OECD 209)

EC50/72h 0.048 mg/l (*Pseudokirchneriella subcapitata*)

EC50/96h 0.22 mg/l (*Oncorhynchus mykiss*)

NOEC/72h 0.0012 mg/l (*Pseudokirchneriella subcapitata*)

· **Persistence and degradability** No further relevant information available.

· **Behavior in environmental systems:**

· **Bioaccumulative potential** No further relevant information available.

· **Mobility in soil** No further relevant information available.

· **Additional ecological information:**

· **General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **Other adverse effects** No further relevant information available.

**13 Disposal considerations**

· **Waste treatment methods**

· **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Must be specially treated adhering to official regulations.

· **Uncleaned packagings:**

· **Recommendation:** Disposal must be made according to official regulations.

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· **Recommended cleansing agent:** Water, if necessary with cleansing agents.

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**14 Transport information**

- **UN-Number**
- **DOT, ADR, ADN, IMDG, IATA**                      *Void*
- **UN proper shipping name**
- **DOT, ADR, ADN, IMDG, IATA**                      *Void*
- **Transport hazard class(es)**
- **DOT, ADR, ADN, IMDG, IATA**
- **Class**    *Void*
- **Packing group**
- **DOT, ADR, IMDG, IATA**                                      *Void*
- **Environmental hazards:**                                      *Not applicable.*
- **Special precautions for user**                                      *Not applicable.*
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**                      *Not applicable.*
- **Transport/Additional information:**                      *Not dangerous according to the above specifications.*
- **DOT**
- **Remarks:**    *not regulated*
- 
- **ADR**
- **Remarks:**    *not regulated*
- 
- **IMDG**
- **Remarks:**    *not regulated*
- 
- **IATA**
- **Remarks:**    *not regulated*
- **UN "Model Regulation":**                                      *Void*

**15 Regulatory information**

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**
- **Section 355 (extremely hazardous substances):**  
\_\_\_\_\_  
*None of the ingredient is listed.*
- **Section 313 (Specific toxic chemical listings):**  
\_\_\_\_\_  
*None of the ingredients is listed.*
- **TSCA (Toxic Substances Control Act):**  
\_\_\_\_\_  
*All ingredients are listed or are not required to be listed on the TSCA inventory.*
- **Hazardous Air Pollutants**  
\_\_\_\_\_  
*None of the ingredients is listed.*
- **Proposition 65**
- **Chemicals known to cause cancer:**  
\_\_\_\_\_  
*None of the ingredients is listed.*
- **Chemicals known to cause reproductive toxicity for females:**  
\_\_\_\_\_  
*None of the ingredients is listed.*

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· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **New Jersey Right-to-Know List:**

14808-60-7 quartz (SiO<sub>2</sub>)\*

· **New Jersey Special Hazardous Substance List:**

14808-60-7 quartz (SiO<sub>2</sub>)\*: CA

· **Pennsylvania Right-to-Know List:**

14808-60-7 quartz (SiO<sub>2</sub>)\*

7631-86-9 silicon dioxide, chemically prepared

· **Pennsylvania Special Hazardous Substance List:**

None of the ingredients is listed.

· **GHS label elements** Void

· **Hazard pictograms** Void

· **Signal word** Void

· **Hazard statements** Void

· **National regulations:**

· **VOC:**

· **VOC (EU)** 0.0 g/l

· **VOC (USA):** 0.0 g/l / 0.00 lb/gal

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

H350 May cause cancer.

H372 Causes damage to organs through prolonged or repeated exposure.

· **Contact:**

· **Date of preparation / last revision** 10/19/2023

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

MAL-Code: Måleteknisk Arbejdshygiejnisk Luftbehov (Regulation for the labeling concerning inhalation hazards, Denmark)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

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*Carcinogenicity 1A: Carcinogenicity – Category 1A*

*Specific Target Organ Toxicity - Repeated Exposure 1: Specific target organ toxicity (repeated exposure) – Category 1*

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US