



SAFETY DATA SHEET

BORE-SEAL 100

Issuing Date 14-Jul-2017

Revision Date 17-Jul-2017

Revision Number 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name BORE-SEAL 100

Other means of identification

Product Code(s) 20001

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use For industrial use only

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Name Turbo-Chem International, Inc.

Supplier Address P.O. Box 60383, Lafayette, LA 70596

Supplier Phone Number (337) 235-3098

Supplier Email info@turbochem.com

Emergency telephone number

Chemical Emergency Phone Number CHEMTREC: +1-703-527-3887 (INTERNATIONAL)
1-800-424-9300 (NORTH AMERICA)

Company Emergency Phone Number (337) 235-3098

2. HAZARDS IDENTIFICATION


Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

| | |
|-------------------------------------------|-------------|
| Acute toxicity - Inhalation (Dusts/Mists) | Category 4 |
| Carcinogenicity | Category 1A |

GHS Label elements, including precautionary statements

Emergency Overview

| | | |
|-----------------------------------------------------------------------------------|---------------------------------|--------------------|
| Signal word | Danger | |
| Hazard Statements Harmful if inhaled May cause cancer | | |
|  | | |
| Appearance Grey | Physical state Powder(s) | Odor Slight |

Precautionary Statements - Prevention

Obtain special instructions before use
 Do not handle until all safety precautions have been read and understood
 Wear protective gloves/protective clothing/eye protection/face protection
 Avoid breathing dust/fume/gas/mist/vapors/spray
 Use only outdoors or in a well-ventilated area

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Other information

No information available

Interactions with Other Chemicals

No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical name | CAS # | % Concentration |
|-------------------|----------------|-----------------|
| Cellulose Fibers | 9004-34-6 | 4 - 25 |
| Calcium Carbonate | 1317-65-3 | 1 - 10 |
| Pith Fibers | CAS not listed | 2 - 10 |
| | | |

4. FIRST AID MEASURES

First aid measures

| | |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>General Advice</u> | Get medical attention immediately if symptoms occur. Show this safety data sheet to the doctor in attendance. |
| <u>Eye contact</u> | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician. |
| <u>Skin contact</u> | Wash skin with soap and water. |
| <u>Inhalation</u> | Remove to fresh air. |
| <u>Ingestion</u> | Rinse mouth immediately and drink plenty of water. |
| <u>Self-protection of the first aider</u> | Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid breathing vapors or mists. Use personal protective equipment as required. See Section 8 for more detail. |

Most important symptoms and effects, both acute and delayed

| | |
|---------------------------------------------------|---------------------------|
| <u>Most Important Symptoms and Effects</u> | No information available. |
|---------------------------------------------------|---------------------------|

Indication of any immediate medical attention and special treatment needed

| | |
|----------------------------------|------------------------|
| <u>Notes to Physician</u> | Treat symptomatically. |
|----------------------------------|------------------------|

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

No information available.

Hazardous Combustion Products

Carbon oxides.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation.

Other Information Refer to protective measures listed in Sections 7 and 8.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practice. Do not breathe dust. Avoid generation of dust. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Avoid contact with skin, eyes or clothing. Take off contaminated clothing and wash before reuse.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Products None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

| Chemical name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|-----------------------------------------------------|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Magnetic iron oxide 1309-38-2 | TWA: 1 mg/m ³ Fe | (vacated) TWA: 1 mg/m ³ Fe | TWA: 1 mg/m ³ Fe |
| Wood dust, all soft and hard woods RR-00514-1 | TWA: 1 mg/m ³ (inhalable fraction) | (vacated) 5 mg/m ³ PEL STEL: 10 mg/m ³ | TWA: 1 mg/m ³ |
| Limestone 1317-65-3 | - | TWA: 15 mg/m ³ TWA: 5 mg/m ³ (vacated) TWA: 15 mg/m ³ (vacated) TWA: 5 mg/m ³ | TWA: 5 mg/m ³ respirable dust TWA: 10 mg/m ³ total dust |
| Cotton (cellulose) 9004-34-6 | TWA: 10 mg/m ³ | TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 15 mg/m ³ total dust | TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust |

| | | |
|--|--------------------------------------------------------|--|
| | (vacated) TWA: 5 mg/m ³ respirable fraction | |
|--|--------------------------------------------------------|--|

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

Appropriate engineering controls

Engineering Measures Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/face protection No special protective equipment required.

Skin and body protection No special protective equipment required.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

| | | | |
|-----------------------|--------------------------|-----------------------|-------------------|
| Physical state | Powder(s) | Odor | Slight |
| Appearance | Grey | Odor Threshold | No data available |
| Color | No information available | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks</u> | <u>Method</u> |
|-----------------------------------------------|-------------------|----------------|---------------|
| pH | 5.97 | None known | |
| Melting / freezing point | No data available | None known | |
| Boiling point / boiling range | No data available | None known | |
| Flash Point | No data available | None known | |
| Evaporation Rate | No data available | None known | |
| Flammability (solid, gas) | No data available | None known | |
| Flammability Limit in Air | | | |
| Upper flammability limit | No data available | | |
| Lower flammability limit | No data available | | |
| Vapor pressure | No data available | None known | |
| Vapor density | No data available | None known | |
| Specific Gravity | No data available | None known | |
| Water Solubility | Insoluble | | |
| Solubility in other solvents | No data available | None known | |
| Partition coefficient: n-octanol/water | Not Applicable | | |
| Autoignition temperature | No data available | None known | |
| Decomposition temperature | No data available | None known | |
| Kinematic viscosity | No data available | None known | |
| Dynamic viscosity | No data available | None known | |
| Explosive properties | No data available | | |
| Oxidizing properties | No data available | | |

Other Information

Softening Point No data available

VOC Content (%) No data available
 Particle Size No data available
 Particle Size Distribution

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to avoid

None known based on information supplied.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Specific test data for the substance or mixture is not available.

Inhalation

Specific test data for the substance or mixture is not available.

Eye contact

Specific test data for the substance or mixture is not available.

Skin contact

Specific test data for the substance or mixture is not available.

Ingestion

Specific test data for the substance or mixture is not available.

Component Information

| Chemical name | LD50 Oral | LD50 Dermal | Inhalation LC50 |
|---------------------------------|------------------|---------------------|--------------------------------------|
| Cotton (cellulose) 9004-34-6 | > 5 g/kg (Rat) | > 2 g/kg (Rabbit) | > 5800 mg/m ³ (Rat) 4 h |

Information on toxicological effects

Symptoms

Coughing and/ or wheezing.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

| | |
|--------------------------|-------------------------------------------|
| Sensitization | No information available. |
| Mutagenic Effects | No information available. |
| Carcinogenicity | Contains a known or suspected carcinogen. |

| Chemical name | ACGIH | IARC | NTP | OSHA |
|--------------------------------------------------|--------------|-------------|------------|-------------|
| Wood dust, all soft and hard woods RR-00514-1 | | Group 1 | Known | X |

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

NTP (National Toxicology Program)

Known - Known Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

| | |
|---------------------------------|---------------------------|
| Reproductive toxicity | No information available. |
| STOT - single exposure | No information available. |
| STOT - repeated exposure | No information available. |
| Target Organ Effects | None known. |
| Aspiration Hazard | No information available. |

Numerical measures of toxicity Product Information

The following values are calculated based on chapter 3.1 of the GHS document

Not applicable

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated.

Persistence and Degradability

No information available.

Bioaccumulation

No information available

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging

Dispose of contents/containers in accordance with local regulations.

14. TRANSPORT INFORMATION

| | |
|----------------------------------------------------|---------------------------------------|
| <u>DOT</u> Proper Shipping Name Hazard Class | NOT REGULATED NON-REGULATED N/A |
| <u>TDG</u> | NOT REGULATED |
| <u>MEX</u> | NOT REGULATED |
| <u>ICAO</u> | NOT REGULATED |
| <u>IATA</u> Proper Shipping Name | NOT REGULATED NON REGULATED |
| <u>IMDG</u> | NOT REGULATED |
| <u>RID</u> | NOT REGULATED |
| <u>ADR</u> | NOT REGULATED |
| <u>ADN</u> | NOT REGULATED |

15. REGULATORY INFORMATION

International Inventories

| | |
|------|------------------------------------------------------|
| TSCA | Complies |
| DSL | All components are listed either on the DSL or NDSL. |

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

| | |
|----------------------------|----|
| Acute Health Hazard | No |
|----------------------------|----|

| | |
|-----------------------------------|-----|
| Chronic Health Hazard | Yes |
| Fire Hazard | No |
| Sudden release of pressure hazard | No |
| Reactive Hazard | No |

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations**California Proposition 65**

This product contains the following Proposition 65 chemicals.

| Chemical name | California Proposition 65 |
|-------------------------------------------------|---------------------------|
| Wood dust, all soft and hard woods - RR-00514-1 | Carcinogen |

U.S. State Right-to-Know Regulations

This product may contain substances regulated by state right-to-know regulations.

| Chemical name | New Jersey | Massachusetts | Pennsylvania | Rhode Island | Illinois |
|--------------------------------------------------|------------|---------------|--------------|--------------|----------|
| Wood dust, all soft and hard woods RR-00514-1 | X | | X | | X |
| Limestone 1317-65-3 | X | X | X | | |
| Cotton (cellulose) 9004-34-6 | X | X | X | - | X |

International Regulations

| Component | Carcinogen Status | Exposure Limits |
|--------------------------------------------|-------------------|---------------------------------------------------------------------|
| Magnetic iron oxide 1309-38-2 (1 - 5) | | Mexico: TWA 1 mg/m ³ Mexico: STEL 2 mg/m ³ |

Canada**WHMIS Hazard Class**

Not determined

16. OTHER INFORMATION

| | | | | |
|-------------|-------------------------|-----------------------|--------------------------|-----------------------------------------------------------------|
| NFPA | Health Hazards | Flammability 0 | Instability 0 | Physical and Chemical Hazards - Personal Protection X |
| | Health Hazards 3 | | | |
| HMIS | Health Hazards 0 | Flammability 0 | Physical Hazard 0 | |

Chronic Hazard Star Legend * = Chronic Health Hazard

| | |
|----------------------|----------------------------------------------------------------------------------------|
| Prepared By | Product Stewardship 23 British American Blvd. Latham, NY 12110 1-800-572-6501 |
| Issuing Date | 14-Jul-2017 |
| Revision Date | 17-Jul-2017 |
| Revision Note | No information available |

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet