

32966-1004

SAFETY DATA SHEET



Revision date 23-Jul-2024

Revision Number 1

1. Identification

Product identifier

Product Name Bisque Fix

Other means of identification

Product Code(s) FG00381

UN number or ID number UN3082

Synonyms 28897B

Recommended use of the chemical and restrictions on use

Recommended use

Restrictions on use

Details of the supplier of the safety data sheet

Manufacturer Address

American Art Clay Co Inc
6060 Guion Road
Indianapolis, IN 46254-1222 USA
Toll Free: 1-800-999-5456
CustomerCare@Amaco.com

Emergency telephone number

Emergency Telephone U.S. Poison Control 1-800-222-1222

2. Hazard(s) identification

Classification

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

Hazards not otherwise classified (HNOC)

Not applicable

Label elements

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Hazard statements

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Physical state Paste / Gel Liquid**Other information**

No information available.

3. Composition/information on ingredients

Not applicable.

Mixture

The product contains no substances which at their given concentration, are considered to be hazardous to health

Chemical name	CAS No	Weight-%
Refractory ceramic fibers	142844-00-6	60 - 80
Water	7732-18-5	20 - 40
Silica, amorphous	7631-86-9	10 - 20
Smectite-group minerals	12199-37-0	3 - <5

4. First-aid measures**Description of first aid measures**

Inhalation	Remove to fresh air.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	Wash skin with soap and water.
Ingestion	Rinse mouth.

Most important symptoms and effects, both acute and delayed**Symptoms** No information available.**Indication of any immediate medical attention and special treatment needed****Note to physicians** Treat symptomatically.**5. Fire-fighting measures**

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

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

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Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.
Specific hazards arising from the chemical	No information available.
Explosion data	
Sensitivity to mechanical impact	None.
Sensitivity to static discharge	None.
Special protective equipment and precautions for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation.

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

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place.

8. Exposure controls/personal protection

Control parameters

Exposure Limits 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
Refractory ceramic fibers 142844-00-6	TWA: 0.2 fiber/cm ³ respirable fibers: length >5 µm, aspect ratio ≥3:1, as determined by the membrane filter method at 400-450X magnification [4-mm objective], using phase-contrast illumination	-	-
Silica, amorphous 7631-86-9	-	TWA: 50 µg/m ³ excludes construction work, agricultural operations, and exposures that	IDLH: 3000 mg/m ³ TWA: 6 mg/m ³

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		result from the processing of sorptive clays (vacated) TWA: 6 mg/m ³ <1% Crystalline silica TWA: 20 mppcf : (80)/(% SiO ₂) mg/m ³ TWA	
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Appropriate engineering controls

Engineering controls 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 No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties**Information on basic physical and chemical properties**

Physical state Paste / Gel Liquid
Appearance
Color
Odor
Odor threshold

Property	Values	Remarks • Method
pH	No data available	None known
Melting point / freezing point	No data available	None known
Initial boiling point and boiling range	No data available	None known
Flash point	No data available	None known
Evaporation rate	No data available	None known
Flammability	No data available	None known
Flammability Limit in Air		None known
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor pressure	No data available	None known
Relative vapor density	No data available	None known
Relative density	No data available	None known
Water solubility	No data available	None known
Solubility(ies)	No data available	None known
Partition coefficient	No data available	None known
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

Other information

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Explosive properties No information available
Oxidizing properties No information available
VOC Content (%) No information available

10. Stability and reactivity

Reactivity No information available.
Chemical stability Stable under normal conditions.
Possibility of hazardous reactions None under normal processing.
Conditions to avoid None known based on information supplied.
Incompatible materials None known based on information supplied.
Hazardous decomposition products None known based on information supplied.

11. Toxicological information

Information on likely routes of exposure

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.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Acute toxicity

Numerical measures of toxicity
 No information available

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	-	-
Silica, amorphous 7631-86-9	= 7900 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	> 58.8 mg/L (Rat) 4 h

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

Skin corrosion/irritation No information available.
Serious eye damage/eye irritation No information available.
Respiratory or skin sensitization No information available.
Germ cell mutagenicity No information available.

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Carcinogenicity				
No information available.				
Chemical name	ACGIH	IARC	NTP	OSHA
Refractory ceramic fibers 142844-00-6	A2	Group 2B	Reasonably Anticipated	X
Silica, amorphous 7631-86-9	-	Group 3	Known	X

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

Other adverse effects

Interactive effects

12. Ecological information

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

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Silica, amorphous 7631-86-9	EC50: =440mg/L (72h, Pseudokirchneriella subcapitata)	LC50: =5000mg/L (96h, Brachydanio rerio)	-	EC50: =7600mg/L (48h, Ceriodaphnia dubia)

Persistence and degradability

Bioaccumulation There is no data for this product.

Other adverse effects No information available.

13. Disposal considerations

Disposal methods

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

14. Transport information

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DOT**Notes**

UN number or ID number
 Proper shipping name
 Transport hazard class(es)
 Packing group
 Special Provisions
 DOT Marine Pollutant
 Description
 Emergency Response Guide
 Number

No components found suitable for Technical Name.

UN3082
 Environmentally hazardous substance, liquid, n.o.s.
 9
 III
 8, 146, 173, 335, IB3, T4, TP1, TP29
 NP
 UN3082, Environmentally hazardous substance, liquid, n.o.s., 9, III
 171

TDG**Notes**

UN number or ID number
 UN proper shipping name
 Transport hazard class(es)
 Packing group
 Special Provisions
 Description

No components found suitable for Technical Name.

UN3082
 Environmentally hazardous substance, liquid, n.o.s.
 9
 III
 16, 99
 UN3082, Environmentally hazardous substance, liquid, n.o.s., 9, III

MEX**Notes**

UN number or ID number
 UN proper shipping name
 Transport hazard class(es)
 Packing group
 Description
 Special Provisions

No components found suitable for Technical Name.

UN3082
 Environmentally hazardous substance, liquid, n.o.s.
 9
 III
 UN3082, Environmentally hazardous substance, liquid, n.o.s., 9, III
 274, 331, 335

ICAO (air)**Notes**

UN number or ID number
 UN proper shipping name
 Transport hazard class(es)
 Packing group
 Description
 Special Provisions

No components found suitable for Technical Name.

UN3082
 Environmentally hazardous substance, liquid, n.o.s.
 9
 III
 UN3082, Environmentally hazardous substance, liquid, n.o.s., 9, III
 A97, A158, A197, A215

IATA**Notes**

UN number or ID number
 UN proper shipping name
 Transport hazard class(es)
 Packing group
 Description
 Special Provisions
 ERG Code

No components found suitable for Technical Name.

UN3082
 Environmentally hazardous substance, liquid, n.o.s.
 9
 III
 UN3082, Environmentally hazardous substance, liquid, n.o.s., 9, III
 A97, A158, A197
 9L

IMDG**Notes**

UN number or ID number
 UN proper shipping name
 Transport hazard class(es)
 Packing group
 EmS-No
 Special Provisions
 Marine pollutant
 Description

No components found suitable for Technical Name.

UN3082
 Environmentally hazardous substance, liquid, n.o.s.
 9
 III
 F-A, S-F
 274, 335, 969
 P
 UN3082, Environmentally hazardous substance, liquid, n.o.s., 9, III, Marine pollutant

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RID**Notes**

UN number or ID number
 UN proper shipping name
 Transport hazard class(es)
 Packing group
 Classification code
 Special Provisions
 Description

No components found suitable for Technical Name.

UN3082
 Environmentally hazardous substance, liquid, n.o.s.
 9
 III
 M6
 274, 335, 375, 601
 UN3082, Environmentally hazardous substance, liquid, n.o.s., 9, III

ADR**Notes**

UN number or ID number
 UN proper shipping name
 Transport hazard class(es)
 Packing group
 Classification code
 Tunnel restriction code
 Special Provisions
 Description

No components found suitable for Technical Name.

UN3082
 Environmentally hazardous substance, liquid, n.o.s.
 9
 III
 M6
 (-)
 274, 335, 601, 375
 UN3082, Environmentally hazardous substance, liquid, n.o.s., 9, III, (-)

ADN**Notes**

UN number or ID number
 UN proper shipping name
 Transport hazard class(es)
 Packing group
 Classification code
 Special Provisions
 Description
 Equipment Requirements

No components found suitable for Technical Name.

UN3082
 Environmentally hazardous substance, liquid, n.o.s.
 9
 III
 M6
 274, 335, 375, 601
 UN3082, Environmentally hazardous substance, liquid, n.o.s., 9, III
 PP

15. Regulatory information**International Inventories****TSCA**

Contact supplier for inventory compliance status.

Chemical name	CAS No	US TSCA Inventory listing	US TSCA inactive/active designation
Refractory ceramic fibers	142844-00-6	-	Unknown *
Water	7732-18-5	Present	Active
Silica, amorphous	7631-86-9	Present	Active
Smectite-group minerals	12199-37-0	Present	Active

DSL/NDSL**EINECS/ELINCS****ENCS****IECSC****KECL****PICCS****AIIC****NZIoC**

Contact supplier for inventory compliance status.

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Legend:**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

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ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AIIC - Australian Inventory of Industrial Chemicals
NZIoC - New Zealand Inventory of Chemicals

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

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

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**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated under applicable state right-to-know regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Refractory ceramic fibers 142844-00-6	X	-	-
Water 7732-18-5	-	-	X
Silica, amorphous 7631-86-9	-	X	X

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. Other information

NFPA	Health hazards 0	Flammability 0	Instability 0	Special hazards -
HMIS	Health hazards 0	Flammability 0	Physical hazards 0	Personal protection X

Key or legend to abbreviations and acronyms used in the safety data sheet**Legend Section 8: Exposure controls/personal protection**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)

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U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
EPA (Environmental Protection Agency)
Acute Exposure Guideline Level(s) (AEGl(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
National Institute of Technology and Evaluation (NITE)
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
Organization for Economic Co-operation and Development High Production Volume Chemicals Program
Organization for Economic Co-operation and Development Screening Information Data Set
World Health Organization

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Revision Note**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