SAFETY DATA SHEET

30495-1426



Revision Number 1

Revision date 02-Feb-2023

1. Identification

Product identifier

Product Name SH-42 Oolong Matte

Other means of identification

Product Code(s) FG00506

UN number or ID number UN3082

Synonyms 39708L

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

Skin sensitization Category 1

Hazards not otherwise classified (HNOC)

Not applicable

Label elements

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Hazard statements

Warning

H317 - May cause an allergic skin reaction



Physical state Liquid Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray

Contaminated work clothing must not be allowed out of the workplace

Wear protective gloves

Precautionary Statements - Response

Specific treatment (see .? on this label)

IF ON SKIN: Wash with plenty of water and soap

If skin irritation or rash occurs: Get medical advice/attention

Wash contaminated clothing before reuse

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other information

No information available.

3. Composition/information on ingredients

Not applicable.

Mixture

Chemical name	CAS No	Weight-%
Quartz	14808-60-7	10 - 20
Limestone	1317-65-3	10 - 20
Kaolin	1332-58-7	3 - <5
C.I. Pigment Blue 71	68186-95-8	1 - <3
Tin oxide (SnO2)	18282-10-5	1 - <3
Iron oxide (Fe2O3)	1309-37-1	1 - <3
1,3,5-Triazine-1,3,5(2H,4H,6H)-triethanol	4719-04-4	0.1 - 1

4. First-aid measures

Description of first aid measures

General advice Show this safety data sheet to the doctor in attendance.

Inhalation Remove to fresh air.

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Eye contact

Consult a physician.

Skin contact Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation

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or allergic reactions see a physician.

Ingestion Rinse mouth.

Most important symptoms and effects, both acute and delayed

Symptoms Itching. Rashes. Hives.

Indication of any immediate medical attention and special treatment needed

Note to physicians May cause sensitization in susceptible persons. Treat symptomatically.

5. Fire-fighting measures

surrounding environment.

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

Unsuitable extinguishing media Do not scatter spilled material with high pressure water streams.

Specific hazards arising from the

chemical

Product is or contains a sensitizer. May cause sensitization by skin contact.

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 Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal

protective equipment as required. Evacuate personnel to safe areas. Keep people away

from and upwind of spill/leak.

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. Avoid contact with

skin, eyes or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off

contaminated clothing and wash before reuse.

Conditions for safe storage, including any incompatibilities

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

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8. Exposure controls/personal protection

Control parameters

Exposure LimitsThe following ingredients are the only ingredients of the product above the cut-off level (or

level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other

recommended limit. At this time, the other relevant constituents have no known exposure

limits from the sources listed here.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Quartz	TWA: 0.025 mg/m ³ respirable	TWA: 50 μg/m ³	IDLH: 50 mg/m3 respirable dust
14808-60-7	particulate matter	(vacated) TWA: 0.1 mg/m ³	TWA: 0.05 mg/m³ respirable
		respirable dust	dust
		: (250)/(%SiO2 + 5) mppcf	
		TWA respirable fraction	
		: (10)/(%SiO2 + 2) mg/m ³	
		TWA respirable fraction	
Limestone	-	TWA: 15 mg/m³ total dust	TWA: 10 mg/m³ total dust
1317-65-3		TWA: 5 mg/m³ respirable	TWA: 5 mg/m ³ respirable dust
		fraction	
		(vacated) TWA: 15 mg/m³ total	
		dust	
		(vacated) TWA: 5 mg/m ³	
		respirable fraction	
Kaolin	TWA: 2 mg/m³ particulate	TWA: 15 mg/m³ total dust	TWA: 10 mg/m³ total dust
1332-58-7	matter containing no asbestos	TWA: 5 mg/m³ respirable	TWA: 5 mg/m³ respirable dust
	and <1% crystalline silica,	fraction	
	respirable particulate matter	(vacated) TWA: 10 mg/m³ total	
		dust	
		(vacated) TWA: 5 mg/m ³	
0.1.5:	0.751 10 10 7	respirable fraction	18111.05 / 0.7
C.I. Pigment Blue 71	STEL: 10 mg/m³ Zr	TWA: 5 mg/m³ Zr	IDLH: 25 mg/m³ Zr
68186-95-8	TWA: 5 mg/m³ Zr	(vacated) TWA: 5 mg/m³ Zr	Ceiling: 0.05 mg/m³ V dust and
		(vacated) STEL: 10 mg/m³ Zr	fume 15 min
			TWA: 5 mg/m³ except Zirconium
			tetrachloride Zr
Tin avida (CaOo)	T\A/A : 0 == =/==3 C=	TMA: 0 == =/==3 C= = =========================	STEL: 10 mg/m³ Zr
Tin oxide (SnO2)	TWA: 2 mg/m³ Sn	TWA: 2 mg/m³ Sn except	IDLH: 100 mg/m³ Sn
18282-10-5	TWA: 2 mg/m ³ Sn inhalable	oxides	TWA: 2 mg/m³ Sn
	particulate matter excluding tin	(vacated) TWA: 2 mg/m³ Sn	
Iron ovido (Fo2O2)	hydride and indium tin oxide	except oxides TWA: 10 mg/m³ fume	IDI H: 2500 mg/m³ Fo dust and
Iron oxide (Fe2O3) 1309-37-1	TWA: 5 mg/m³ respirable		IDLH: 2500 mg/m³ Fe dust and fume
1309-37-1	particulate matter	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable	
		fraction	TWA: 5 mg/m³ Fe dust and fume
		(vacated) TWA: 10 mg/m ³ fume	
		and total dust Iron oxide	
		(vacated) TWA: 5 mg/m ³	
		respirable fraction regulated	
		under Rouge	
	i e e e e e e e e e e e e e e e e e e e	under Rouge	

Appropriate engineering controls

Engineering controls Showers

Eyewash stations Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

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Hand protection Wear suitable gloves.

Skin and body protection Wear suitable protective clothing.

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.

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

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state Liquid

Appearance

Color

Odor

Odor threshold

Property	<u>values</u>	Remarks • Method
рН	No data available	None known

Melting point / freezing point No data available None known Initial boiling point and boiling rangeNo 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

No data available Upper flammability or explosive

Lower flammability or explosive No data available

limits

Vapor pressure No data available None known Relative vapor density No data available None known No data available Relative density None known Water solubility No data available None known Solubility(ies) No data available None known Partition coefficient No data available None known No data available **Autoignition temperature** None known Decomposition temperature None known No data available Kinematic viscosity None known **Dynamic viscosity** No data available None known

Other information

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.

None known based on information supplied. Conditions to avoid

Incompatible materials None known based on information supplied.

Hazardous decomposition products None known based on information supplied.

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11. Toxicological information

Information on likely routes of exposure

Product Information

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 May cause sensitization by skin contact. Specific test data for the substance or mixture is

not available. Repeated or prolonged skin contact may cause allergic reactions with

susceptible persons. (based on components).

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

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Itching. Rashes. Hives.

Acute toxicity

Numerical measures of toxicity

No information available

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

 ATEmix (oral)
 16,252.30 mg/kg

 ATEmix (dermal)
 73,045.00 mg/kg

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Kaolin	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rat)	-
1332-58-7			
C.I. Pigment Blue 71	-	-	> 5.1 mg/L (Rat) 4 h
68186-95-8			
Tin oxide (SnO2)	= 700 mg/kg (Rat)	-	> 2.04 mg/L (Rat) 4 h
18282-10-5			
Iron oxide (Fe2O3)	> 10000 mg/kg (Rat)	-	-
1309-37-1			
1,3,5-Triazine-1,3,5(2H,4H,6H)-t	= 763 mg/kg (Rat)	> 4000 mg/kg (Rat)	= 0.4 mg/L (Rat) 4 h
riethanol			= 0.338 mg/L (Rat) 4 h
4719-04-4			

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 May cause sensitization by skin contact.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Quartz 14808-60-7	A2	Group 1	Known	Х
Iron oxide (Fe2O3)	-	Group 3	-	-

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1309-37-1

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in 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 exposureNo information available.

Target organ effects Respiratory system, Eyes, Skin, Lungs, Gastrointestinal tract (GI).

Aspiration hazard No information available.

Other adverse effects
Interactive effects

12. Ecological information

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
			microorganisms	
Tin oxide (SnO2)	-	LC50: >100mg/L (96h,	-	-
18282-10-5		Oncorhynchus mykiss)		
Iron oxide (Fe2O3)	-	LC50: =100000mg/L (96h,	-	-
1309-37-1		Danio rerio)		
1,3,5-Triazine-1,3,5(2H,4	=	LC50: =16.07mg/L (96h,	-	-
H,6H)-triethanol		Danio rerio)		
4719-04-4		·		

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 Dispose of waste in accordance with environmental legislation. Dispose of in accordance

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products with local regulations.

Contaminated packaging Do not reuse empty containers.

14. Transport information

DOT

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

DOT Marine Pollutant Description

Emergency Response Guide Number

TDG

Notes

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

Description

MEX

Notes UN number or ID number UN proper shipping name Transport hazard class(es)

Packing group Description **Special Provisions**

ICAO (air)

UN number or ID number **UN proper shipping name** Transport hazard class(es)

Packing group Description

Special Provisions

IATA

Notes

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

Special Provisions ERG Code

IMDG Notes

> **UN** number or ID number **UN proper shipping name** Transport hazard class(es) Packing group

EmS-No **Special Provisions** No components found suitable for Technical Name.

UN3082

Environmentally hazardous substance, liquid, n.o.s.

Ш

8, 146, 173, 335, IB3, T4, TP1, TP29

NP

UN3082, Environmentally hazardous substance, liquid, n.o.s., 9, III, Marine pollutant

171

No components found suitable for Technical Name.

UN3082

Environmentally hazardous substance, liquid, n.o.s.

Ш

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

No components found suitable for Technical Name.

UN3082

Environmentally hazardous substance, liquid, n.o.s.

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

274, 331, 335

No components found suitable for Technical Name.

UN3082

Environmentally hazardous substance, liquid, n.o.s.

Ш

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

A97, A158, A197, A215

No components found suitable for Technical Name.

UN3082

Environmentally hazardous substance, liquid, n.o.s.

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

A97, A158, A197

No components found suitable for Technical Name.

UN3082

Environmentally hazardous substance, liquid, n.o.s.

Ш

F-A, S-F

274, 335, 969

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Marine pollutant

UN3082, Environmentally hazardous substance, liquid, n.o.s., 9, III, Marine pollutant Description

RID

No components found suitable for Technical Name.

UN number or ID number **UN proper shipping name** Environmentally hazardous substance, liquid, n.o.s.

Transport hazard class(es) 9 Packing group Ш Classification code M6

Special Provisions 274, 335, 375, 601

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

ADR

Notes No components found suitable for Technical Name.

UN number or ID number UN3082 **UN proper shipping name** Environmentally hazardous substance, liquid, n.o.s.

Transport hazard class(es) Packing group Ш Classification code M6 **Tunnel restriction code**

(-) 274, 335, 601, 375 **Special Provisions**

UN3082, Environmentally hazardous substance, liquid, n.o.s., 9, III, (-) Description

<u>ADN</u>

Notes No components found suitable for Technical Name.

UN number or ID number UN3082

UN proper shipping name Environmentally hazardous substance, liquid, n.o.s.

Transport hazard class(es) 9 Packing group Ш Classification code Special Provisions M6

274, 335, 375, 601

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

Equipment Requirements 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
Water	7732-18-5	Present	Active
Spodumene (AlLi(SiO3)2)	1302-37-0	Present	Active
Quartz	14808-60-7	Present	Active
Limestone	1317-65-3	Present	Active
Kaolin	1332-58-7	Present	Active
C.I. Pigment Blue 71	68186-95-8	Present	Active
Tin oxide (SnO2)	18282-10-5	Present	Active
Iron oxide (Fe2O3)	1309-37-1	Present	Active
Aluminum oxide (Al2O3)	1344-28-1	Present	Active
D-gluco-Heptonic acid, monosodium salt, (2.xi.)-	31138-65-5	Present	Active
Smectite-group minerals	12199-37-0	Present	Active
Sodium carboxymethyl cellulose	9004-32-4	Present	Active
1,3,5-Triazine-1,3,5(2H,4H,6H)-trietha nol	4719-04-4	Present	Active
Ethanolamine	141-43-5	Present	Active

DSL/NDSL

Contact supplier for inventory compliance status.

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EINECS/ELINCS Contact supplier for inventory compliance status. **ENCS** Contact supplier for inventory compliance status. **IECSC** Contact supplier for inventory compliance status. **KECL** Contact supplier for inventory compliance status. **PICCS** Contact supplier for inventory compliance status. AIIC Contact supplier for inventory compliance status. **NZIoC** Contact supplier for inventory compliance status.

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

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 contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical name	SARA 313 - Threshold Values %
C.I. Pigment Blue 71 - 68186-95-8	1.0

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).

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

Chemical name	New Jersey	Massachusetts	Pennsylvania
Water 7732-18-5	-	-	Х
Quartz 14808-60-7	X	X	Х
Limestone 1317-65-3	X	X	X
Kaolin 1332-58-7	X	X	Х
C.I. Pigment Blue 71 68186-95-8	X	-	-
Tin oxide (SnO2) 18282-10-5	X	X	-
Iron oxide (Fe2O3) 1309-37-1	X	X	Х
Aluminum oxide (Al2O3)	X	X	X

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1344-28-1			
Ethanolamine 141-43-5	X	X	Х

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. Other information

NFPAHealth hazards2Flammability0Instability0Special hazards-HMISHealth hazards2Flammability0Physical hazards0Personal protectionX

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) 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

Revision date Revision Note Disclaimer 02-Feb-2023

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

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