



Product: **Aroma Beads**

SDS v1 GHS / OSHA

Type:

Revised Date: 2022-10-10

5800 Park Vista Circle
Keller, TX 76244
Ph#1 (800) 929-9425
F#1 (817) 741-0879
Web: www.lonestarcandlesupply.com

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1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade Name: Aroma Beads

UFI#

1.2 Relevant identified product use

Intended use: Plastic processing industry.

1.3 Details of the manufacturer/supplier of the safety

Supplier: ~~data sheet~~
Lone Star Candle Supply, Inc.
5800 Park Vista Circle
Keller, TX 76244
Ph#1 (800) 929-9425
F#1 (817) 741-0879
Web: www.lonestarcandlesupply.com

1.4 Emergency telephone number

1 (817) 741-0876 Domestic USA, Canada, Puerto Rico, and US Virgin Islands
International

2. Hazards Identification

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200:

GHS Classification

Hazards	Category
Carcinogenicity	Category 2

Label elements



Signal Word	Warning
Hazard Statements	Suspected of causing cancer ***

Precautionary Statements

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.
IF exposed or concerned: Get medical advice/attention.
Store locked up.
Dispose of contents/container to an approved waste disposal plant.***



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3. Composition/Information on Ingredients

Components	CAS-No	Percent %
E / VA-Copolymer	24937-78-8	> 99
Vinyl acetate	108-05-4	< 0.25

4. First Aid Measures

Skin

Wash off immediately with soap and plenty of water. Cool skin rapidly with cold water after contact with molten polymer. Do not peel solidified product off the skin. Obtain medical attention.

Eyes

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Inhalation

Move to fresh air. If symptoms persist, call a physician.

Ingestion

Get medical attention if symptoms occur.

5. Fire-fighting measures

NFPA: **Health: 1** **Flammability: 0** **Instability: 0**

Suitable extinguishing media

Water spray, Dry chemical, Carbon dioxide (CO₂), Foam***

Extinguishing media which must not be used for safety reasons

Do not use a solid water stream as it may scatter and spread fire.

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

Other information

Keep people away from and upwind of fire. Dust can form an explosive mixture in air.

6. Accidental release measure

Personal precautions

Avoid dust formation. Avoid contact with the skin and the eyes. For personal protections see section 8.

Environmental precautions

Do not flush into surface water or sanitary sewer system.

Methods for cleaning up

Sweep up and shovel into suitable containers for disposal. Dispose of in accordance with local regulations. Use mechanical handling equipment.



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7. Handling and Storage

Advice on safe handling

Do not handle hot or molten material without appropriate protective equipment. Do not exceed recommended process temperatures to minimize release of decomposition products. Handle in accordance with good industrial hygiene and safety practice. Avoid dust formation. Provide appropriate exhaust ventilation at machinery and at places where dust can be generated.***

Protection - fire and explosion:

Avoid dust formation. Dust can form an explosive mixture in air.

Material storage

Store locked up. Keep in a dry, cool place. To maintain product quality, do not store in heat or direct sunlight.***

Incompatible products

Strong oxidizing agents***

8. Exposure controls / personal protection

OSHA Exposure Limits

Components	TWA
Respirable Dust	5 mg/m ³
Total Dust	15 mg/m ³
Components	STEL
Vinyl acetate	20 PPM

ACGIH Exposure Limits

Components	TWA
Respirable Dust	3 mg/m ³
Vinyl acetate	10 PPM
Total Dust	10 mg/m ³
Components	STEL
Vinyl acetate	15 PPM

Mexico National Exposure Limits

Components	LMPE - PPT
Vinyl acetate	3 mg/m ³ 10 PPM
Components	STEL
Vinyl acetate	60 mg/m ³ 20 PPM Mexican
Components	Carcinogen Category A3
Vinyl acetate	



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Engineering measures

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Protective equipment

A safety shower and eyebath should be readily available.

General advice

Do not breathe dust. Avoid contact with skin and eyes. Do not handle hot or molten material without appropriate protective equipment.***

Skin protection:

When thermal or melt processing, wear long pants, long sleeves, well insulated gloves, and face shield when there is a chance of contact.

Eye/face protection:

Safety glasses with side-shields

9. Physical and chemical properties

Personal precautions, protective equipment and emergency procedures

Appearance

Form	pellets, powder
Color	clear, to, white
Odor	Mild, acrid, vinegar-like
Flash Point	Not applicable
Autoignition Temperature	> 330 °C
Method	Estimated

Decomposition Temperature	> 300 °C
Specific Gravity	0.91 - 0.95
Water solubility	insoluble

10. Stability and reactivity

Reactivity

Stable under normal conditions of handling, use and transportation.

Conditions to avoid

Hazardous decomposition products may be produced when the recommended processing temperatures or times are exceeded. Avoid temperatures above 210°C

Incompatible Materials

Strong oxidizing agents***

Hazardous Combustion or Decomposition Products:

Carbon oxides



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11. Toxicological information

Potential health effects

Routes of exposure Skin, eyes, inhalation.

Immediate effects

Skin Hot or molten material has the potential to cause thermal burns.

Eyes Particulates may cause mechanical irritation.

Inhalation Dust irritating to respiratory tract.

Ingestion Essentially non-toxic based on components.

Other: Product contains residual Vinyl Acetate, an IARC 2B possible human carcinogen based on animal data.

Vinyl Acetate

Acute oral toxicity LD50: 3500 mg/kg

Acute dermal toxicity LD50: 7440 mg/kg

Acute inhalation toxicity LC50 (4h): 15810 mg/m³

Method Standard Acute Method

Skin Corrosion/Irritation Not irritating

Species rabbit

Method OECD 404

Skin Sensitization nonsensitizer

Species mouse female

Method OECD 429

Serious eye damage/eye irritation Not irritating***

Species rabbit eye

Method OECD 405***

Has been shown to cause cancer in lifetime rat and mouse inhalation studies at the site of contact at non-physiologically relevant doses

Species Study rats and mice

104-week inhalation study

Carcinogenic Effects NOAEC: 176 mg/m³

Has been shown to cause cancer in lifetime rat and mouse drinking water studies at the site of contact at non-physiologically relevant doses

Species Study rats and mice

104-week oral gavage study

in vitro Mutagenicity LOAEL: 31 mg/kg bw/day***

Ames Test: negative - with and without metabolic activation - Method: OECD 471 Chromosome aberrations in cultured human lymphocytes: positive - with and without metabolic activation - Method OECD 473 Cytotoxicity and micronucleous assay in human lymphoblastoid cells (TK6): positive - Method OECD 487

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in vivo Mutagenicity**Reproductive toxicity**

Routes of exposure
Species

Developmental effects

Routes of exposure
Species

Repeated exposure

Routes of exposure
Species
Method

Repeated Exposure

Routes of exposure
Species
Method

Mammalian Erythrocyte Micronucleus Test in mice:
ambiguous - Method: OECD 474 Effects on sperm
morphology and meiotic micronuclei in mice: negative
No toxicity to reproduction
oral drinking water
rat
NOAEL= 1000 ppm
no adverse developmental effects***
oral drinking water an inhalation
rat
No adverse effects***
oral gavage
rats and mice
OECD 408
NOAEL : 281*** mg/kg bw/day***
No adverse effects***
Inhalation
rats and mice***
OECD 453
NOAEC: 176 mg/m³

Observe the usual hygienic measures for handling chemicals.

12. Ecological information

Ecotoxicological data are not available. Do not discharge product unmonitored into the environment.

13. Disposal considerations**Disposal considerations**

Dispose of spilled material in accordance with state and local regulations for waste that is non-hazardous by Federal definition. Note that this information applies to the material as manufactured; processing, use, or contamination may make this information inappropriate, inaccurate, or incomplete.

14. Transport information

TDG	Not regulated
ICAO/IATA	Not restricted
IMDG	Not regulated

15. Transport information**US State Regulations**

Chemicals associated with the product which are subject to the state right-to-know regulations are listed along with the applicable state(s):

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Vinyl acetate 108-05-4

Pennsylvania	Listed
New York	Listed
New Jersey	Listed
Illinois	Listed
Louisiana	Listed
Massachusetts	Listed
Rhode Island	Listed

US State Regulations

Chemicals associated with the product which are subject to the state right-to-know regulations are listed along with the applicable state(s):

US FEDERAL REGULATIONS**TSCA Inventory:**

Listed

Environmental Regulations:**SARA 313 Chemicals**

Vinyl acetate (108-05-4) 0.3%

Vinyl acetate 108-05-4

EPCRA Section 313	Listed
CERCLA Hazardous Substance	Listed
Extremely Hazardous Substance	Listed

SARA 311:

Acute health:	No
Chronic health:	Yes
Fire:	No
Sudden release of pressure:	No
Reactive:	No

INTERNATIONAL REGULATIONS**International Inventories**

Listed on the chemical inventories of the following countries or qualifies for an exemption:

Australia (AICS)
Canada (DSL)
China (IECSC)
Japan (ENCS)
Japan (ISHL)
Korea (KECI)
New Zealand (NZIoC)
Philippines (PICCS)
Europe (EINECS)
United States (TSCA)

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16. Other information

NFPA:	Health: 1	Flammability: 0	Instability: 0
HMIS:	Health: 1	Flammability: 0	Physical Hazard: 0

Prepared By

Lone Star Candle Supply, Inc.

Sources of key data used to compile the datasheet

Information contained in this safety data sheet is based on the manufacturer's owned data and public sources deemed valid or acceptable.. The absence of data elements required by ANSI or 1907/2006/EC indicates that no data meeting these requirements is available..

Other Information:

Observe national and local legal requirements

Changes against the previous version are marked by ***

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