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- WIRE CLOTH
- FILTERS
- STRAINERS
- SCREEN PACKS
- RESISTANCE WIRE
- SCREEN PRINT FABRIC
- SYNTHETIC INDUSTRIAL MESH

SAFETY DATA SHEET

Product Code: XHR3199xx
XHR319911 through XHR319976

Product Name: Hose Stops
Hose Stops of various radius

Company Name: Jelliff Corporation
354 Pequot Avenue
Southport CT 06890 USA

Information: 203-259-1615

E-mail address: sales@jelliff.net **Web-site address:** www.jelliff.com

Emergency Contact: ChemTrec 800-424-9300

Hazards Identification

GHS Signal Word: None
GHS Hazard Phrases: None
GHS Precaution Phrases: None
GHS Response Phrases: None
GHS Storage & Disposal Phrases: None
OSHA Regulatory Status: While this material is not classified as hazardous under OSHA regulations, this SDS contains valuable information critical to the safe and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Potential Health Effects (Acute and Chronic):

The components of this product are embedded in an impervious polymer matrix and therefore present a negligible exposure risk under normal condition of processing and handling.

Inhalation: Fumes produced during melt process may cause eye, skin and respiratory irritation. Secondary operations such as material transfer, grinding, sanding or sawing can produce combustible dust.

Skin Contact: Heated material can cause thermal burns resulting in pain, redness and blistering.

Eye Contact: May cause eye irritation.

Ingestion: May be harmful if swallowed.

Medical Conditions Generally Aggravated by Exposure: None known.

Composition/Information on Ingredients

CAS #:	Hazardous Components (Chemical Name)	Concentration
71-34-1	Calcium Carbonate	<= 50%
1333-86-4	Carbon Black	<= 5.0%
N/A	Ball Orange 48742PPC Encapsulated in Plastic	< = .65%

1> First Aid Measures

Emergency and First Aid Procedures: For processing fume inhalation, leave the contaminated area and breathe fresh air.

In Case of Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

In Case of Skin Contact: Get medical aid if irritation develops or persists. Flush skin with plenty of soap and water. Do not try to remove if plastic is attached to skin.

In Case of Eye Contact: In case of contact, immediately flush eyes with copious amounts of water for at least 15 (Fifteen) minutes. Do not try to remove if plastic is attached to eye.

In Case of Ingestion: If swallowed, wash out mouth with water provided person is conscious, Call a physician.

Signs and Symptoms of Exposure: The components of this product are embedded in an impervious polymer matrix and therefore present a negligible risk under normal processing conditions.

Note to Physician: None

Fire Fighting Measures

Flash Point:	Method Used:	Explosive Limits:	Autoignition Point:
NA	NA	LEL: NA UEL: NA	NA

Suitable Extinguishing Media: Water spray, dry chemical and foam. Water is best.
Fire Fighting Instructions: Emits toxic fumes under fire conditions. Approved positive pressure demand breathing apparatus (SCBA) and protective clothing should be used for all fires.

Flammable Properties and Hazards: Carbon dioxide and carbon monoxide generated when the material burns. Combustible dust may form during material transfer. Estimated dust Explosion Class = ST2; Kst estimated (bar.m/s): >200 - </= 300.

Accidental Release Measures

Steps to be taken in case Material is Released or Spilled: Vacuum or sweep up material and place into a suitable container.

Handling and Storage

Precautions to be taken in Handling: Use with adequate ventilation. Minimize dust generation and accumulation as combustible dust mixtures may be formed.

Precautions to be taken in Storage: Store in a cool, dry place.

Exposure Controls/Personal Protection

CAS #:	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
471-34-1	Calcium carbonate		TLV: 10 mg/m ³ (E)	
1333-86-4	Carbon black	PEL: 3.5 mg/m ³	TLV: 3.5 mg/m ³	
N/A	Ball Orange Encapsulated in Plastic	(since these materials are encapsulated in plastic, there should be no significant hazard in normal use)		
557-05-1	Zinc Compounds		TLV: 0.10 mg/cu. M PEL 0.15 mg/cu. m	

Respiratory Equipment: Follow the OSHA respirator regulations found in {149} CFR {1910.134} or European Standard EN {149}. Use a NIOSH/NSHA or European Standard EN {149} approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in {1910.133} CFR {1910.133} or European Standard EN166.

Protective Gloves: Wear appropriate protective gloves to minimize skin exposure.

Other Protective Clothing: Wear appropriate clothing to minimize contact with skin.

Engineering Controls (Ventilation etc): Use adequate ventilation to keep airborne concentrations low. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels.

Work/Hygienic/Maintenance Practices: Wash thoroughly after handling.

Physical and Chemical Properties

Physical States: Gas Liquid Solid

Appearance and Odor: Round with orange color

Melting Point: > 120 C (248.0 F) – N.A.

Boiling Point: NA

Decomposition Temperature: > 300 C (572.0 F)

Autoignition Pt: NA

Flash Point: NA Method Used: NA

Explosive Limits: LEL: NA UEL: NA

Specific Gravity (Water = 1): < 1

Vapor Pressure

(vs Air or mn Hg) NA
 Vapor Density (vs. Air = 1) NA
 Evaporation Rate: NA
 Solubility in Water: NA
 Solubility Notes: Insoluble in cold water
 Percent Volatile: < 1.0%

Stability and Reactivity

Stability: Unstable Stable
Conditions to Avoid: Stable under recommended conditions of storage and handling.

Instability:
Incompatibility – Materials To Avoid: N/A

Hazardous Decomposition or Byproducts: Processing fumes evolved at recommended processing conditions may include trace levels of low molecular weight hydrocarbon fragments, carbon dioxide, carbon monoxide and irritating fumes and gases.

Possibility of Hazardous Reactions: Will occur Will not occur

Conditions to Avoid – Hazardous Reactions: Under normal conditions of use, hazardous decomposition will not occur.

Toxicological Information

Toxicological Information:
Carcinogenicity/Other: CAS # (1333-86-4) ACGIH: Not listed
 California carcinogen, initial date (2/21/03 (airborne, unbound particles of respirable size), NTP: not listed
 IARC: Group 2B carcinogen.

CAS #	Hazardous Components	NTP	IARC	ACGIH	OSHA
471-36-1	Calcium carbonate	NA	NA	NA	NA
1333-86-4	Carbon black	NA	NA	NA	NA
N/A	Ball Orange 48742PPC Encapsulated in Plastic	NA	NA	NA	NA

Ecological Information

General Ecological Information: This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and Degradability:
Bioaccumulative Potential: This product will not readily bioaccumulate due to its insolubility in water.
Mobility in Soil: Soil mobility is expected to be negligible because the product is insoluble in water.

Disposal Considerations

Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in {261} CFR Parts {261.3}. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-series None listed
 RCRA-U series None listed

Transport Information

Land Transport (US DOT):
DOT Proper Shipping Name: Not registered as a hazardous material.
DOT Hazard Class:
UN/NA Number:

Air Transport (ICAO/IATA):
ICAO/IATA Shipping Name: Non-hazardous for air transport.

Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists:

CAS #	Hazardous Components	S.302(EHS)	S.304 RQ	S.313 (TRI)
471-34-1	Calcium carbonate	No	No	No
1333-86-4	Calcium black	No	No	No
N/A	Ball Orange 48742PPC Encapsulated in Plastic			

This material meets the EPA “Hazard Categories” defined For SARA Title III Sections 311/312 as indicated:	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Acute (immediate) Health Hazard
	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Chronic (delayed) Health Hazard
	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Fire Hazard
	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Sudden Release of Pressure Hazard
	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	Reactive Hazard

CAS #	Hazardous Components	Other US EPA or State Lists	
471-34-1	Calcium carbonate	CAA HPA, ODC: No;	CWA NPDES: No; TSCA: Yes – inventory
1333-896-4	Calcium black	CAA HPA, ODC: No;	CWA NPDES: No; TSCA: Yes – inventory
N/A	Ball Orange 48742PPC Encapsulated in Plastic	N/A	

CAS #	Hazardous Components	International Regulatory Lists	
471-34-1	Calcium carbonate	Canadian DSL: Yes;	Canadian NDSL: No;
		Mexico INSQ: Yes,	REACH: Yes – (R), (P)
1333-896-4	Calcium black	Canadian DSL: Yes;	Canadian NDSL: No;
		Mexico INSQ: Yes,	REACH: Yes – (R), (P)
N/A	Ball Orange Encapsulated in Plastic	N/A	

Other Information

Revision Date: September 1, 2015
Preparer Name: Quality Control Dept

Additional Information about this Product: Information given herein is offered in good faith as accurate, but without guarantee. The conditions of use and suitability of the product for an application is beyond our control. All risks of use of the product are therefore assumed by the user and we expressly disclaim all warranties of every kind of nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of this product. Appropriate warnings and safe handling procedures should be provided to handlers and users.