

TILAB Ltd.
FLAKE GLASS
MATERIAL SAFETY DATA SHEET

Section 1 - Chemical Product / Company Information

Product Name: GLASS FLAKE **Revision Date:** 07/30/2014
Identification Number: ACF 100, ACF 200, ACF300 **Supersedes:** 07/30/2007
Product
Use/Class: FOR INDUSTRIAL USE ONLY **Preparer:** Regulatory, Department
Manufacturer: **NAFTA 3207.40.02**
TILAB LTD.
325 W. Main St.
Newark, Ohio 43055

Section 2 - Composition / Information on Ingredients

Chemical Name	CAS Number	Weight % Less Than/	ACGIH TLV-TWA/	ACGIH TLV-STEL/	OSHA PEL-TWA/	OSHA-CEIL
GLASSFLAKE	65997-17-3	100.0	NE	N/E	NE	NE

Section 3 - Hazards Identification

Emergency Overview: No unusual conditions are expected from this product.

Effects of Overexposure - Eye Contact: May cause eye irritation.

Effects of Overexposure - Skin Contact: Skin contact with dust and fibers may produce Itching and temporary irritation.

Effects of Overexposure - Inhalation: Inhalation of dusts and fibers may cause temporary Irritation of the mouth, nose and throat.

Effects of Overexposure - Ingestion: Ingestion of this material is unlikely.

Effects of Overexposure - Chronic Hazards: There are no known health effects associated with chronic exposure to this product.

Primary Route(s) Of Entry: Skin Contact, Inhalation, Eye Contact

Medical Conditions Prone to Aggravation by Exposure: Chronic respiratory or skin conditions that are aggravated by mechanical irritants may be at increased risk for worsening from exposure to this product.

Section 4 – First- Aid Measures

First Aid - Eye Contact: Flush eyes with running water for at least 15 minutes. Seek medical attention if irritation persists.

First Aid - Skin Contact: Wash with mild soap and running water. Use a washcloth to help remove fibers. To avoid further irritation, do not rub or scratch irritated areas. Rubbing and scratching may force fibers into skin. Seek medical attention if irritation persists.

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First Aid - Inhalation: Move person to fresh air. Seek medical attention if irritation persists.

First Aid - Ingestion: Ingestion of this material is unlikely. If it does occur, observe individual for several days to insure that intestinal blockage does not occur.

Section 5 - Fire Fighting Measures

Flash Point, F: None **Lower Explosive Limit, %:** N/A **Upper Explosive Limit, %:** N/A

Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam, Water Fog

Unusual Fire And Explosion Hazards: None known.

Special Firefighting Procedures: Use a self-contained breathing apparatus (SCBA) in a sustained fire.

Section 6 - Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled:

LAND SPILL: Scoop up material and put into suitable container for disposal as a non-hazardous waste.

WATER SPILL: This material will sink and disperse along the bottom of waterways and ponds. It cannot easily be removed after it is waterborne; however, the material is non-hazardous in water.

AIR RELEASE: This material will settle out of the air. If concentrated on land it can then be scooped up for disposal as a non-hazardous waste.

Section 7 - Handling and Storage

Handling: No special handling procedures are required for this material.

Storage: Keep container closed when not in use.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: General ventilation should be provided to maintain ambient concentrations below nuisance levels.

Respiratory Protection: A properly fitted NIOSH/MSHA approved disposable dust respirator should be used when high dust levels are encountered; the level of glass fibers in the air exceeds the OSHA permissible limits; or if irritation occurs.

Skin Protection: Loose fitting long-sleeved shirt that covers to the base of the neck, long pants, and gloves should be worn. Skin irritation is known to occur chiefly at pressure points such as around neck, wrist, waist and between fingers.

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Eye Protection: Recommend safety glasses with side shields or chemical goggles to avoid eye contact.

Other protective equipment: Eye wash and safety showers should be readily available.

Hygienic Practices: Handle in accordance with good industrial hygiene and safety practices. These practices include: avoiding unnecessary exposures to dusts and fibers by using good local exhaust ventilation; removal of the material from the skin and eyes after exposure; removal of material from clothing (Use vacuum equipment to remove fibers and dusts from clothing. Compressed air should never be used. Always wash contaminated work clothes separately from other laundry and wipe out washer / sink to prevent loose fibers from getting on other articles); keep the work area clean of dusts and fibers generated during fabrication (Use vacuum equipment to clean up dusts and fibers. Avoid sweeping or using compressed air as these techniques re-suspend dusts and fibers into the air.) and; have access to safety showers and eye wash stations.

Section 9 - Physical and Chemical Properties

Boiling Range: N/A - . **Vapor Density:** N/A **Odor:** None **Odor Threshold:** N/D

Appearance: White / Off-White colored solid

Evaporation Rate: N/A

Solubility in H₂O: Insoluble

Freeze Point: N/A **Specific Gravity:** 2.402

Vapor Pressure: N/A **PH:** N/D

Physical State: Solid

Section 10 - Stability and Reactivity

Conditions To Avoid: Keep Dry. Material becomes hard and unusable when exposed to water.

Incompatibility: None

Hazardous Decomposition Products: Sizings or binders may decompose in a fire.

Hazardous Polymerization: Will not occur under normal conditions.

Stability: This product is stable under normal storage conditions.

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Section 11 - Toxicological Information

Product LD50: N/D
Chemical Name
GLASSFLAKE

CAS Number
65997-17-3

Product LC50: N/D
LD50
NOT AVAILABLE

LC50
NOT AVAILABLE

Section 12 - Ecological Information

Ecological Information: No data

Section 13 - Disposal Information

Disposal Information: RCRA HAZARDS CLASS: Non Hazardous Material. Take up material and seal tightly for proper disposal.

Section 14 - Transportation Information

DOT Proper Shipping	Not Regulated	Packing	N/A
Name:		Group:	
DOT Technical Name:	N/A	Hazard	N/A
Hazard Subclass:	None	Subclass:	N/A
DOT Hazard Class:	None	Resp. Guide	N/A
DOT UN/NA Number:	None	Page:	N/A
Additional Notes:	None.		

Section 15 - Regulatory Information

CERCLA - SARA HAZARD CATEGORY

This product has been reviewed according to the EPA Hazard Categories promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

SARA SECTION 313

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Section 313 Substances exist in this product

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TOXIC SUBSTANCES CONTROL ACT

All components of this product are listed on the TSCA inventory.
This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA 12(B) Substances exist in this product

U.S. STATE REGULATIONS AS FOLLOWS:

NEW JERSEY RIGHT-TO-KNOW

The following materials are non-hazardous, but are among the top five components in this product.

NONE

PENNSYLVANIA RIGHT-TO-KNOW

The following non-hazardous ingredients are present in the product at greater than 3%.

NONE

CALIFORNIA PROPOSITION 65

Warning: The following ingredients present in the product are known to the state of California to cause cancer, birth defects, or other reproductive hazards:

No California Proposition 65 Cancer or Reproductive Toxins exist

INTERNATIONAL REGULATIONS AS FOLLOWS:

CANADIAN WHMIS

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

CANADIAN WHMIS CLASS: No WHMIS Class Assigned

Section 16 - Other Information

HMIS Ratings

Health: 1 **Flammability:** 0 **Reactivity:** 0 **Personal Protection:** X

VOLATILE ORGANIC COMPOUNDS, GR/LTR MIXED (UNTHINNED): Refer to Part A MSDS

REASON FOR REVISION: This version replaces previous version dated 10/12/2006. Changes Modified to new format

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

NOTICE TO READER

The information contained herein is, to the best of our knowledge and belief accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the

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user to comply with all applicable federal, state, and local laws and regulations