

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

SECTION 1: PRODUCT & COMPANY IDENTIFICATION

Chemical Product Name: Chico X Fiber/Chico X4/Chico X6/Chico X7
Product Description: Vitreous fiber from slag and/or basalt (mixture)
CAS Number: Mixture
Synonyms: NA
Recommended Use(s): Mineral wool used to create a dam or plug for sealing compound
Company Information: Eaton's Crouse-Hinds Business
 1201 Wolf Street
 Syracuse, NY 13208
 (866) 764-5454
Telephone:
Emergency Phone: CHEMTREC (800) 424-9300

SECTION 2: HAZARDS IDENTIFICATION

OSHA HCS Status: This product is a hazardous chemical, as defined by OSHA at 29 CFR 1910.1200. Hazards identified are based on hazards of the ingredients. This product has not been fully tested.

Relevant Route of Exposure/Target Organs: Eyes, dermal and inhalation.

OSHA/GHS Signal Word and Hazard Statements: **DANGER:** Causes skin irritation. Causes eye irritation. May cause cancer by inhalation. May cause damage to the respiratory system through prolonged or repeated exposure by inhalation.

OSHA/GHS Classification and Pictograms:

Skin irritation
 Eye irritation
 Carcinogenicity
 Specific target organ toxicity, repeated exposure

Category 2
 Category 2B
 Category 1A
 Category 2

**OSHA/GHS Precautionary Statements:**

Prevention: Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not breathe dust/fume/fibers.

Response: If on skin: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before re-use. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If exposed or concerned: Get medical advice/attention. Get medical advice/attention if you feel unwell.

Storage: Store locked up.

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

GHS Hazard and Precautionary Statement Codes: See Section 16.

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

COMPONENT	CAS #	%
Mineral Wool Fiber (Slag Wool Fiber)	65997-17-3	95 – 99
Mineral Oil	8012-95-1	Less than 5

SECTION 4: FIRST AID MEASURES

Eye Contact: Holding eyelids away from the eyeballs, flush eyes thoroughly with lukewarm water for 15 minutes. Do not rub. If irritation persists, seek medical attention.

Skin Contact: Remove contaminated clothing and wash skin thoroughly with soap and water. Do not rub or scratch skin. Use cream or lotion after washing. If irritation persists, seek medical attention.

Inhalation: If inhalation of dusts or fibers results in coughing, sneezing or nasal irritation, remove to fresh air until symptoms subside. Give oxygen or artificial respiration, if indicated. Seek medical attention.

Ingestion: No harmful effects are expected from ingestion of small quantities. If gastric disturbance occurs, see medical attention.

Notes to Physician: Although not toxic, fibers may cause mechanical irritation of mucous membranes.

Most Important Symptoms/Effects: Prolonged exposure through inhalation may cause lung cancer. Causes eye and skin irritation.

Indication of Immediate Medical Attention and Special Treatment Needed: Get medical attention immediately if product comes into contact with skin or eyes, or if it is inhaled.

SECTION 5: FIRE FIGHTING MEASURES

Special Fire Fighting Procedures: No unusual fire hazards.

Extinguishing Media: Use media appropriate for surrounding fire.

Protective Equipment: Firefighters should wear a NIOSH approved, full face piece self-contained breathing apparatus (SCBA) operated in positive pressure mode and full turnout gear.

Unusual Fire or Explosion Hazards: Non-flammable and non-combustible.

Hazardous Combustion Products: Thermal decomposition may produce oxides of carbon.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Protection: Wear protective equipment appropriate for the level of exposure. If dust is present, wear NIOSH type N95 or N100 filter during clean-up. Avoid prolonged skin contact.

Spill Procedures: Isolate the hazard and deny entry to unnecessary and unprotected personnel. Do not walk through or otherwise scatter spilled material. Clean dusts promptly so fibers are not dispersed. Do not inhale dusts. Avoid prolonged skin contact.

Environmental Precautions and Clean-up Methods: Use wet clean-up methods (wiping, water mists, etc.) or a vacuum equipped with a filter sufficient to prevent recirculation of fibers into the workplace. Do not use dry sweeping or compressed air to remove dusts and fibers from work and storage areas.

SECTION 7: HANDLING & STORAGE

Precautions: Periodically clean areas with wet methods where this product is used or stored to minimize dust and fiber accumulation. Do not inhale dusts. Store in well ventilated area in closed containers. Use dust collectors and local exhaust ventilation when cutting or trimming with power tools. Do not use compressed air or dry sweeping to remove dust from work area. Vacuum dusty clothing before removal. Launder work clothing separately and rinse washer after use. Avoid prolonged skin contact.

Storage: Store in a well ventilated area. Keep containers well closed.

SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION

Engineering Controls/Ventilation: Local exhaust ventilation used in combination with general ventilation as necessary to control air contaminants to at or below acceptable exposure guidelines.

Eye Protection: Wear eye and face protection. Wear safety goggles that meet ANSI Z87 standards and/or are tested and approved under appropriate government standards.

Respiratory Protection: Under normal working conditions with airborne exposures below acceptable exposure guidelines, none required. For airborne exposures above acceptable limits, wear NIOSH approved respiratory protection in accordance with OSHA 29 CFR 1910.134.

Skin Protection: Protective gloves and long sleeved clothing or coveralls with loose fitting cuffs and collars.

COMPONENT	CAS #	OSHA/PEL	ACGIH/TLV
Mineral Wool Fiber	65997-17-3	Not established	1 fiber/cc (respirable fibers*)
Mineral Oil	8012-95-1	5 mg/m3 (as oil mist)	5 mg/m3 ** (as oil mist) 10 mg/m3 (STEL) (as oil mist) 0.2 mg/m3 (as mineral oil) (2005 Notice of Intended Change)

* Respirable fibers greater than 5 micrometers (µm) in length and having an aspect ratio greater than or equal to 3:1, as determined by the membrane filter method at 400 – 450 times magnification (4 millimeter [mm] objective) using phase contrast illumination.

** As sampled by a method that does not collect vapor.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

- **Color:** Gray or Off White
- **Physical Form:** Fibrous Material
- **Odor:** Slight
- **Odor Characteristics:** NA
- **Odor Threshold:** NA
- **pH (Undiluted):** NA
- **Flash Point:** NA
- **Flammability (Solid, Gas):** Non-flammable
- **Boiling Point:** NA
- **Evaporation Rate:** NA
- **Melting Point:** 2100°F (1149°C)
- **Lower Explosive Limit:** NA
- **Upper Explosive Limit:** NA
- **Vapor Pressure:** NA (at 70°F)
- **Vapor Density:** NA
- **Specific Gravity:** 3
- **Solubility:** Insoluble in Water
- **Auto-ignition Temperature:** NA
- **Decomposition Temperature:** 2100°C

SECTION 10: STABILITY & REACTIVITY

Stability: Stable under normal use and storage conditions.

Hazardous Polymerization: Will not occur.

Oxidizing Properties: None known for product.

Hazardous Decomposition Products: Thermal decomposition (above 2100°F) may produce oxides of carbon and smoke.

Incompatibilities: Acids (may give off hydrogen sulfide under certain acidic conditions).

Conditions to avoid: None known for product.

SECTION 11: TOXICOLOGY INFORMATION

Acute Toxicity and Immediate Effects: No data is available for this material.

Oral LD50 (rat): No data is available for this material.

Inhalation LC50 (rat): No data is available for this material.

Dermal LD50: No data is available for this material.

Delayed and Chronic Effects: Repeated fiber inhalation over time may increase risk of developing lung cancer.

Carcinogenicity:

IARC: No* Group 3 (Not classifiable as to its carcinogenicity to humans)

NTP: Yes*

OSHA: Not listed

* NTP classifies ceramic fibers and glass wool fibers as substances, which are "reasonably anticipated to be human carcinogens."

Mutagenicity: No data is available for this material.

Reproductive Toxicity: No data is available for this material.

Sensitization: No data is available for this material.

Signs and symptoms of overexposure:

If Inhaled: Coughing, sneezing and nasal irritation

If Ingested: Stomach discomfort

If on Skin or Eyes: Irritation and itching

SECTION 12: ECOLOGICAL INFORMATION

This product is not expected to have an adverse effect on the environment. Avoid exposure to environment whenever possible.

Toxicity to Fish: NA

Ecotoxicological Information: NA

Chemical Fate Information: NA

SECTION 13: DISPOSAL CONSIDERATIONS

Recycle, reclaim or dispose of contents/container to an approved landfill in accordance with local, regional, national, international regulations. Do not discard into any sewers, on the ground or into any body of water. It is the responsibility of the waste generator to determine the proper waste identification and disposal methods.

SECTION 14: TRANSPORT INFORMATION

Proper Shipping Name: Not classified as hazardous by DOT, IATA/ICAO and IMO.

Hazard Class: Not classified as hazardous by DOT, IATA/ICAO and IMO.

Packing Group: Not classified as hazardous by DOT, IATA/ICAO and IMO.

UN Number: Not classified as hazardous by DOT, IATA/ICAO and IMO.

SECTION 15: REGULATORY INFORMATION

TSCA Inventory Status: All ingredients are listed on the TSCA inventory.

SARA Section 311/312 Hazard Categories: Immediate (acute) and delayed (chronic) hazards.

Section 313 Toxic Chemicals: This product does not contain ingredients subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and 40 CFR 372.

CERCLA RQ: This product does not contain ingredients subject to the report requirements of SARA 304 (CERCLA) and 302 (EHS).

California Proposition 65: This product contains a chemical known to the State of California to cause cancer (glass wool fibers).

Canadian Regulations: All components of this product are included in the Canadian Domestic Substances List (DSL) or the Canadian Non-domestic Substances List (NDSL).

WHMIS Classification: D2B.

SECTION 16: OTHER INFORMATION

Revision Number: Revision 2

Revision Date: June 2015

Explanation of Risk/Safety Codes

- R36/37/38 – Irritating to eyes, respiratory system and skin.
- R40(3) – Possible risks of irreversible effects.
- S36/37/39 – Wear suitable protective clothing, gloves and eye/face protection.
- S22 – Do not breathe dust.
- S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S28 – After contact with skin, wash immediately with plenty of soap suds.
- S45 – In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible).
- S51 – Use only in well ventilated areas.

Abbreviations

CAS Chemical Abstracts Service
CERCLA Comprehensive Environmental Response Compensation and Liability Act
CFR US Code of Federal Regulations
HSIS Australia Hazardous Substance Information System
IARC International Agency for Research on Cancer
LD50 Lethal Dose to 50% of Exposed Laboratory Animals
NA Not Available
NIOSH US National Institute of Occupational Safety and Health
NOEC No Observed Effect Concentration
NTP US National Toxicology Program
OSHA US Occupational Safety Health Administration
PEL Permissible Exposure Limit
RQ Reportable Quantity
SARA Superfund Amendments and Reauthorization Act
STEL Short Term Exposure Limit
TSCA Toxic Substances Control Act
TWA Time Weighted Average
UN United Nations
WHMIS Canada Workplace Hazardous Material Information System

DISCLAIMER

The information in this MATERIAL SAFETY DATA SHEET should be provided to all who will use, handle, store, transport or otherwise be exposed to this material. This information has been prepared for the guidance of plant engineering, operations and management, and for persons working with or handling this material. Eaton's Crouse-Hinds Business believes this information to be reliable and up-to-date as of the date of publication, but makes no warranty that it is.

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