Crouse-Hinds by EATON

CHICO A SEALING COMPOUND/CHICO A3/ CHICO A4/CHICOA05/CHICO A200
SAFETY DATA SHEET

Section 1 Product and Company Identification

Chemical Product Name: Chico A/Chico A3/Chico A4/Chico A05/Chico A200

Product Description: Sealing Compound

CAS Number: Mixture of 65997-16-2, 26499-65-0, 65997-15-1, and 14808-60-7

Synonyms: NA

Recommended Use(s): Sealing compound

Company Information: Eaton's Crouse-Hinds Business
P.O. Box 4999
Syracuse, NY 13221-4999
USA

Telephone: (315) 477-7000

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: Dermal and Inhalation.

OSHA/GHS Signal Word and Hazard Statements:

DANGER: Causes severe skin burns and eye damage. 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 corrosion/irritation	Category 1C
Carcinogenicity	Category 1A
Specific target organ toxicity-repeated exposure	Category 2

OSHA/GHS Precautionary Statements:

Prevention

Do not breathe dust or mists. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. See Section 8 for recommendations on type of protective

equipment to be worn. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Response

If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center/doctor. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present an easy to do. Continue rinsing. 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 #	%
Fused calcium aluminate	65997-16-2	60 – 70
Plaster of Paris	26499-65-0	30 – 35
Portland cement	65997-15-1	< 4
Crystalline silica	14808-60-7	< 2

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 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: Product can harden inside the body. If ingested, seek immediate medical attention.

Notes to Physician: Ingestion of sufficient quantities can result in blockage or obstruction especially in the pyloric region of the digestive tract.

Most Important Symptoms/Effects: Causes severe skin burns and eye damage. May cause cancer by inhalation. May cause damage to the respiratory system through prolonged or repeated exposure by inhalation. Inhalation of dusts and fibers may cause upper respiratory irritation with coughing, sneezing, and nasal irritation. Repeated exposure over time may affect the lungs (see below).
Dusts may cause general skin irritation. Fibers may cause mechanical irritation and itching.
Dusts may cause general eye irritation. Fibers may cause irritation and scratch the outer surface of the eye.
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. If ingested, get medical attention, if needed.

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 cleanup. 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 to prevent dispersion. Do not inhale dusts.
Environmental Precautions and Cleanup Methods: Use dry clean-up methods or a vacuum equipped with a filter sufficient to prevent re-circulation of dust into the work place. Do not use compressed air to remove dusts from work and storage areas.

Section 7 Handling and Storage

Precautions: Periodically clean storage and work areas where this product is used or stored to minimize dust 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 skin contact. Do not attempt to make a cast enclosing any part of the body using this material, as heat may cause severe burns and expansion may result in decreased circulation that may require surgical removal of affected tissue or amputation of limb.

Storage: Store in a cool well-ventilated, non-combustible location, away from all sources of ignition. Keep away from heat, steam pipes, and sunlight. Keep containers tightly closed.

Section 8 Exposure Controls and 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. Where dust is present and for airborne exposures above acceptable limits, wear NIOSH approved respiratory protection, such as N95 or N100 respirator, 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
Fused calcium aluminate	65997-16-2	Not established	Not established
Plaster of Paris	26499-65-0	Not established	Not established
Portland cement	65997-15-1	15 mg/m^3**	10 mg/m^3****
Crystalline silica	14808-60-7	10 mg/m^3**	0.05 mg/m^3*
Total dust		15 mg/m^3	10 mg/m^3
Respirable dust		5 mg/m^3	5 mg/m^3

* Respirable fibers greater than 5 micrometers (μm) in length and having an aspect ration 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.

** 10 mg/m3 / (% quartz + 2 x % cristobalite + 2) for respirable dust
CA, MI, WA, HI, MN and VT PEL for crystalline silica:
Respirable Quartz: 0.1 mg/m3, Respirable Cristobalite: 0.05 mg/m3
*** 50 mppcf TWA (PEL listed under Silicates (less than 1% crystalline silica), Portland Cement)
****The value is for particulate matter containing no asbestos and <1% crystalline silica.

Section 9 Physical and Chemical Properties

Color: Light gray

Physical Form: Powder

Odor: Odorless

Odor Characteristics: NA

Odor Threshold: NA

pH (undiluted): Not applicable

Flash Point: Not applicable

Flammability (solid, gas): Non-flammable

Boiling Point: Not applicable

Evaporation Rate: Not applicable

Melting Point: 1300 - 1400 ^{o}C

Lower Explosive Limit: Not applicable

Upper Explosive Limit: Not applicable

Vapor Pressure: Not applicable (at 70 ^{o}F)

Vapor Density: Not applicable

Specific Gravity: 3

Solubility: Slight

Partition Coefficient: Not known

Auto-ignition Temperature: NA

Decomposition Temperature: > 1450 °C

Section 10 Stability and 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 1450 °F) will produce toxic sulfur dioxide, metal oxides, calcium oxide, and other oxidation products.

Incompatibilities: None known.

Conditions to Avoid: When mixed with water, an exothermic reaction takes place. If large quantities of this product are mixed with sufficient quantities of water, steam can be formed. The heat from the steam can cause burns.

Section 11 Toxicological Information

Delayed and Immediate Effects:

Skin and eyes: Causes severe burns.

Numerical Measures of Toxicity:

Oral LD50 (rat): Plaster of Paris: 5000 mg/kg. No data is available for other components of this material.

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

Dermal LD50: No data is available for this material.

Chronic Effects: Repeated inhalation of dusts containing crystalline silica over time may cause progressive fibrotic lung disease (silicosis) and may increase risk of developing lung cancer.

Carcinogenicity:

IARC: Yes* (Silica dust, crystalline, in the form of quartz or cristobalite)

NTP: Yes* (Silica crystalline, respirable size)

OSHA: No*

* Crystalline silica is classified as “carcinogenic to humans” (Group 1) by IARC and as a substance “known to be a human carcinogen” (Group 2A) by NTP. Crystalline silica dust should be handled as a confirmed carcinogen for hazard communication purposes (OSHA 29 CFR 1910.1200(d)(4)).

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, nasal congestion, laryngitis, respiratory irritation.

If Ingested: Product will harden inside the body. Ingestion of sufficient quantities can result in blockage or obstruction, especially in the pyloric region of the digestive tract.

If on Skin or Eyes: Irritation, dryness, burns.

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 Transportation 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 (crystalline silica: airborne particles of respirable size).

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: D2A

Section 16 Other Information

Revision Number: Revision 2

Revision Date: March 2, 2015

Explanation of EU Directive 1272/2009 Codes

P201 Obtain special instructions before use.

P260 Do not breathe dust/fume/gas/mist/vapors/spray.

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P281 Use personal protective equipment as required.

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P363 Wash contaminated clothing before reuse.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P310 Immediately call a POISON CENTER or doctor/physician.

P321 Specific treatment (see ... on this label).

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P314 Get medical advice/attention if you feel unwell.

P405 Store locked up.

P501 Dispose of contents/container to appropriate solid waste disposal facility.

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

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