



Safety Data Sheet

SDS ID: Stock Code HT

Revision date: February 7, 2020

Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Heat-Tyte Furnace Cement
Synonyms: None
Chemical family: Silicates
Producer: J.C. Whitlam Manufacturing Company
200 West Walnut Street
P.O. Box 380
Wadsworth, Ohio 44282-0380
www.icwhitlam.com

Telephone: 330-334-2524 Available during normal business hours

Emergency: 330-334-2524 Available during normal business hours

Section 2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Causes mild skin and eye irritation.

Precautionary Statements: Wash skin thoroughly after handling. If skin irritation occurs, get medical advice/attention.

Inhalation: Not expected to be a hazard under normal operating conditions.

Ingestion: Ingestion of large quantities may cause the following: Irritation of digestive tract, signs of nervous system depression, such as headache, drowsiness, dizziness, loss of coordination, fatigue, and nausea.

Skin Contact: Continuous contact with this material may cause drying of skin. Chemical itself is an irritant or sensitizer.

Eye Contact: One or more components of this material may be an eye irritant.

Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

Material information: No hazardous ingredients

Name	CAS No.	Weight %

Note: The above weight percentages are represented in ranges as estimates. Due to variation among production batches, component percentages may vary..

Section 4. FIRST AID MEASURES

Inhalation: Not expected to be a hazard under normal operating conditions.

Skin contact: Remove contaminated shoes and clothing and cleanse affected areas thoroughly by washing with mild soap and water. If irritation persists **seek medical attention.**

Ingestion: If swallowed, seek emergency medical attention. Do **not** give anything by mouth.

Eye contact: Move person away from exposure and into fresh air. If irritation or redness develops, flush eyes with clean water and seek medical attention. For direct contact hold eyelids apart for at least 15 minutes. **Seek medical attention.**

Section 5. FIREFIGHTING MEASURES

Suitable extinguishing media: Not combustible.

Specific hazards: None

Special protective equipment for firefighters: No data available

	NFPA rating: HMIS rating:		
Health:	0	0	
Flammability:	0	0	
Instability/reactivity:	0	0	
Other:	N/A	C (PPE)	

Non-Hazardous
Will not burn
Stable
N/A

Section 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Stay away from spill/release. Isolate area and limit entry to emergency crew only.
Large Spill:	Stop spill/release if it can be done without risk. Wear appropriate protective equipment as conditions warrant. Prevent spilled material from entering sewers, storm drains, and natural waterways.
Methods for Containment and Clean up	<p>Dike far ahead of spill for later recovery and disposal. Spilled material may be absorbed by an appropriate absorbent. Notify fire authorities and appropriate federal, state, and local agencies.</p> <p>Dispose of in accordance with all federal, state and local regulations.</p>

Section 7. HANDLING AND STORAGE

Handling:	Do not get in eyes or on skin or clothing. Avoid personal contact with the product. Use good personal hygiene practices.
Storage:	Keep containers tightly closed, cool and dry. Store with adequate ventilation. Empty drums should be completely drained, properly bunged, and promptly shipped to the supplier or drum re-conditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations. Before working in or on tanks which contain or has contained his product, refer to OSHA or ANSI Z49.1 regulations and other governmental and industrial references pertaining to cleaning, repairing, welding, or other contemplated operations.

Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits: None

Name	CAS No.	ACGIH® TLV® Exposure Limits:	Federal OSHA PELs	OSHA PELs 1989 ^c

Engineering Measures: Local exhaust is generally sufficient to minimize exposure.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory protection: Respirator not required with most applications.

Skin and body protection: The use of gloves impermeable to the specific material handled is advised to prevent possible irritation.

Eye protection: Approved eye protection to safeguard against potential eye contact, irritation or injury is recommended.

Hygiene measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking. Do not eat, drink or smoke when using this product. Regular cleaning of equipment, work area and clothing is recommended.

Other Precautions: N/A

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark gray paste
Physical state (solid/liquid/gas):	Solid
Substance type (pure/mixture):	Mixture
Color:	Dark gray
Odor:	Slight petroleum odor
Molecular weight:	Not Available
pH:	Not Available
Boiling point/range (5-95%):	212°F (100°C)
Melting point/range:	Not Available
Decomposition temperature:	Not Available
Specific gravity:	>1
Vapor density:	Not Available
Vapor pressure:	<1
Evaporation rate (Butyl acetate= 1):	< 1
Flash point, method used:	None
Water solubility:	>10 percent
VOC Content:	0 g/l
Auto-ignition temperature:	Not Available
Flammable limits in air — lower (%):	Not Available
Flammable limits in air — upper (%):	Not Available

Section 10. STABILITY AND REACTIVITY

Reactivity:	Not reactive under normal conditions.
Stability:	Stable under recommended storage conditions.
Possibly hazardous reactions:	None under normal processing.
Conditions to avoid:	Contact with incompatible material.
Incompatible Materials:	Oxidizing agents, strong acids and bases.
Hazardous decomposition products:	Thermal decomposition in the presence of air may yield carbon monoxide, carbon dioxide.
Polymerization:	Will not occur.

Section 11. TOXICOLOGICAL INFORMATION

Acute Toxicity: This product does not contain any carcinogens or potential carcinogens as listed by IARC or NTP.

Product Information: This product is not classified as hazardous.

Chronic Toxicity: No data available.

Sensitization: No data available.

Section 12. ECOLOGICAL INFORMATION

Ecotoxicity effects: No information available
Persistence: No information available
Degradability: No information available

Section 13. DISPOSAL CONSIDERATIONS

Cleanup considerations: Disposal should be in accordance with applicable regional, national and local laws and regulations. Empty containers may contain residuals. Thoroughly clean before offering for recycling, reuse or disposal in accordance with governmental regulations.

Section 14. TRANSPORT INFORMATION

D.O.T. (U.S.): Not Regulated

Section 15. REGULATORY INFORMATION

SARA:

SECTION 302: None

SECTION 311 & 312: None

SECTION 313: See Section I.1

TSCA: All components are in full compliance with the TSCA inventory.

CALIFORNIA PROPOSITION 65: Not regulated

RCRA: Not regulated

CERCLA: Not regulated

CARCINOGENICITY: Not listed with NTP or IARC.

Section 16. OTHER INFORMATION

Standards and Certification Listings:

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