

## **SAFETY DATA SHEET**

Product Identifier Product Name		TTM			
Product Name Product Code	CLAVECORE LT™				
Relevant identified uses of the subs	stance or mixture and	uses advised agains	+		
Recommended use		naterial for forming mole			
Details of the supplier of the safety					
Manufacturer		nics Manufacturing, LLC			
	7800 South Nogales Highway Tucson, AZ 85756				
Telephone (General)	520.547.0850	50			
Emergency Telephone Number	520.547.0050				
	800.554.9964 -	Hazardous Materials Su	Ipport Center		
	800.424.9300 -	CHEMTREC (Spill relate	ed emergencies)		
SECTION 2 — HAZARD(S) II	DENTIFICATION				
United States (US)					
Classification of the substance or m					
			us properties. The form	ula is proprietary information and is the property of	
Label Compensate	Advanced Cerar	nics Manufacturing.			
Label Components	The survey of the	oo not roquine e der een	labol		
Other Dangers	i ne product do	es not require a danger	IaDel.		
	······	Direct contact may cause	e irritation.		
	······	······			
	SKIT COTILACE – I	Direct contact may caus	e irritation.		
		······		osure to dust may cause delayed lung injury.	
	Inhalation – Wh	······	red state, repeated expo	osure to dust may cause delayed lung injury.	
	Inhalation – Wh Ingestion – Dire	en machining in the cur ect contact may cause ir	red state, repeated expo ritation.	osure to dust may cause delayed lung injury. in cough, dyspnea, wheezing, or impaired pulmona	
SECTION 3 — COMPOSITIO	Inhalation – Wh Ingestion – Dire Signs & Sympto functions.	en machining in the cur ect contact may cause ir ms of Exposure to Airbo	red state, repeated expo ritation. orne Dust – May result i		
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Advice for Eirofight	Containers close to fire should be transferred to a safe place. Always wear full fire prevention gear: hardhat with		
Advice for Firefighters	visor, fireproof clothing, work gloves and a respirator.		
SECTION 6 — ACCIDENTAL RE Personal precautions, protective equipr			
Personal precautions, protective equipr			
Personal Precautions	Persons not wearing appropriate protective equipment should be excluded from the area of the spill until clean up has been completed. Use respiratory mask when handling the product if dusting cannot be avoided. When handling the material, use rubber gloves to prevent skin contact.		
Emergency Procedures	If material is spilled, eliminate all sources of ignition and prevent spark formation as a result of static electricity.		
Environmental Precautions			
Matheda and material for containment.	No specific requirement		
Methods and material for containment	Shovel spilled material into containers. Thoroughly sweep up residual material. Wash spill site after material pick-up		
Containment/Clean-up Measures	is complete.		
SECTION 7 — HANDLING AND	STORAGE		
Precautions to be taken in Handling and	1 Storing		
Handling	Open container in a well ventilated area. Allow enough time to permit escape of harmful and flammable vapors before emptying. Maintain adequate ventilation when preparing mixtures and during the expansion process. The release of blowing agent is increased during expansion. Use grounded electrical equipment.		
Conditions for safe storage, including a	ny incompatibilities		
Storage	Keep in closed containers when not in use. Store in a cool dry place with good ventilation at a maximum of 40° C.		
Specific End Use	Protect from moisture. Do not smoke where dust is present.		
	Not indicated.		
SECTION 8 - EXPOSURE CONT	IROLS/PERSONAL PROTECTION		
Control Parameters			
PNOS	TLV-TWA <sub>ACGIH</sub> = No exposure limit value known.		
	TLV-TWA <sub>ACGIH</sub> = No exposure limit value known.		
Exposure Control			
Engineering Measures/Controls	Adequate ventilation systems as needed to control concentrations of airborne contaminates below applicable exposure limit values		
Personal Protective Equipment Pictograms			
Respiratory Protection	Use of a NIOSH approved respirator where dust is generated is recommended.		
Eye Protection	Chemical resistant safety glasses or goggles as a minimum.		
Skin Protection	Rubber gloves should be worn to prevent excessive or repeated skin contact.		
Other Clothing & Equipment	Work clothing or coveralls to minimize skin contact.		
General Industrial Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Do not eat, drink or smoke during use. Keep away from food and feedstuffs. Do not breathe dust. Avoid creating dust.		
Ventilation	Maintain positive ventilation.		
Environmental Exposure Controls	Follow best practice for site management and disposal of waste.		
SECTION 9 — PHYSICAL AND C			
Information on Physical and Chemical F			
Appearance: Smell:	Light yellow powder Not characterized		
Odor threshold:	Not available		
pH:	Slightly basic when dispersed in water		
Melting point / freezing point:	Not available		
Initial boiling point and boiling range:	Not available		
Flash point:	Not available		
Evaporation rate:	Not available		
Flammability (solid, gas):	Not available		
Upper / lower flammability or explosive limits:	Not available		
Vapor pressure:	Not available		
Vapor density:	Not available		
Relative density:	0.6-0.8 g/cm <sup>3</sup>		
Solubility:	Bulk of mixture is soluble in water		
Partition coefficient n-octanol/water:	Not available		
Auto-ignition temperature:	>170° C		
Decomposition temperature:	230°- 300°C		

Viscosity:	Varies			
	Dust explosion hazard K <sub>st</sub> =240 [bar*m/s]; MIE (minimum Ignition Energy) = < 3 [mJ]; MOC (Minimal Oxygen			
Explosive properties:	Concentration) = 14 vol-%; Lowest explosion concentration = 40 g/m <sup>3</sup> air			
Oxidizing properties:	Not available			
SECTION 10 - STABILITY ANI				
Reactivity	The product is stable under normal conditions of use and storage and no hazardous reaction will occur.			
Chemical stability	The product is stable under normal conditions of use and storage.			
Possibility of hazardous reactions	If the product is stored at temperatures above 50° C the release of blowing agent increases with a risk of explosi- air-mixtures			
Conditions to avoid	Refer to Possibility of hazardous reactions. Moisture. Temperatures above 300° C may produce toxic fumes			
Incompatible materials	Strong oxidizing agents			
Hazardous decomposition products	Nitrogen oxides, carbon monoxide, carbon dioxide			
TSCA Listing	All ingredients are on the TSCA inventory, or exempt.			
SECTION 11 - TOXICOLOGY I				
Information on toxicological effects	Dust may cause transient irritation in the respiratory organ. When stored in closed containers the concentration of monomers in the vapor phase may reach such a level that inhalation is harmful. Contact with eyes may cause mechanical irritation. The frequent and prolonged contact with skin may cause irritation and dryness. No acute health effect anticipated due to chemical composition.			
SECTION 12 - ECOLOGICAL INFORMATION				
Toxicity	Information not available.			
Persistence and degradability	Information not available.			
Bio accumulative potential	Information not available.			
Mobility in Soil	Information not available.			
Other adverse effects	Information not available.			
Other Information	Information not available.			
SECTION 13 - DISPOSAL CONSIDERATIONS				
Waste treatment methods	Disposal must be made according to national or local law. These provisions shall also apply to contaminated containers. It is therefore recommended to make contact with the authorities in charge or approved specialist companies that can give you guidance on how to prepare for disposal. Appropriate disposal could be combustion, recycling, disposal site.			
SECTION 14 - TRANSPORT INFORMATION				
	The product is not classified as dangerous according to the provisions of existing legislation on the transport of dangerous goods by road (ADR) and by Rail (RID), by sea (IMDG Code) and by air (IATA).			
UN Number	Not applicable.			
UN Proper shipping name	Not applicable.			
Transport hazard class(es)	Not applicable.			
Packing group	Not applicable.			
Environmental hazards	Not applicable.			
Special precautions for user	Not applicable.			
Transport in bulk according to Annex II of MARPO 73/78 and the IBC Code	L Not applicable.			
SECTION 15 - REGULATORY INFORMATION				
	s / legislation specific for the substance or mixture red Safety at the workplace			
OSHA 29 CFR 1910.120 HCS - Hazardous	Waste Operations and Emergency Response			
SECTION 16 — OTHER INFORM				
Last Revision Date	12/19/2023			
Preparation Date	10/19/2017			
Key literature references and sources for data:	<ul> <li>29 CFR 1910.1200(f) and Appendix C of 29 CFR 1910.1200 (and subsequent amendments and adjustments)</li> <li>OSHA GHS (and subsequent amendments and adjustments)</li> <li>OSHA Hazard Communication Standard (HCS) (and subsequent amendments and adjustments)</li> <li>1910 Subpart G - Occupational Health and Environmental Control (and subsequent amendments and adjustments)</li> <li>Safety data sheet of the supplier of the product</li> </ul>			
Acronyms:				
Acronyms: ACGIH:	American Conference of Governmental Industrial Hygienists			
ACGIH:	American Conference of Governmental Industrial Hygienists European Agreement concerning the International Carriage of Dangerous Goods by Road			
ACGIH: ADR:				
Acronyms: ACGIH: ADR: CAS: CFR:	European Agreement concerning the International Carriage of Dangerous Goods by Road			
ACGIH: ADR: CAS:	European Agreement concerning the International Carriage of Dangerous Goods by Road Chemical Abstracts Service			
ACGIH: ADR: CAS: CFR:	European Agreement concerning the International Carriage of Dangerous Goods by Road Chemical Abstracts Service Code of Federal Regulations			
ACGIH: ADR: CAS: CFR: CLP:	European Agreement concerning the International Carriage of Dangerous Goods by Road Chemical Abstracts Service Code of Federal Regulations Classification, Labeling and Packaging			

IATA:	International Air Transport Association			
IMDG Code:	International Maritime Code for Dangerous Goods			
OSHA:	Occupational Safety and Health Administration			
PBT:	Persistent, Bio accumulative, Toxic			
PEL:	Permissible Exposure Limit			
PNOS:	Particles Not Otherwise Specified			
REACH:	Registration, Evaluation, Authorization and Restriction of Chemicals			
RID:	Regulation on the Inland transport of Dangerous goods by rail			
TLV:	Threshold Limit Value			
TSCA:	Toxic Substances Control Act			
TWA:	Time-Weighted Average			
vPvB:	very Persistent, very Bio accumulative			
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