

SAFETY DATA SHEET

SECTION 1 – MANUFACTURER/PRODUCT IDENTIFICATION:

PRODUCT IDENTITY: HOTLINE[®] CMC GUM PURE GRADE (Cat. # 482615)

Manufacturer's (Distributor's) Name:

Creative Craftsmen Co., Inc.
27625 Diehl Road
Warrenville, Illinois 60555-3838

Emergency Telephone Number:

888- 215-4878

Information Telephone Number:

630-836-1353 Toll Free: 800-323-5668

Trade Name: HOTLINE[®] CMC GUM PURE GRADE **Product Type:** Cellulose **Chemical Family:** Polymer

SECTION 2 – HAZARDS IDENTIFICATION:

SECTION 2.1: HAZARD CLASSIFICATION:

WARNING! MAY FORM COMBUSTIBLE DUST CONCENTRATIONS IN AIR. THIS PRODUCT IS AN IRRITANT TO THE EYES, SKIN AND RESPIRATORY TRACT.



Causes respiratory tract irritation May form combustible dust concentrations in air.
Causes eye irritation
Causes skin irritation

PRECAUTIONARY INFORMATION:

KEEP AWAY FROM HEAT AND SOURCES OF IGNITION. PREVENT THE ACCUMULATION OF DUST TO MINIMIZE EXPLOSION HAZARD. CAUSES EYE IRRITATION. CAUSES IRRITATION TO SKIN. BREATHING DUST CAN CAUSE RESPIRATORY TRACT IRRITATION.

Do not breathe dust. Avoid the generation and inhalation of particulate. Prevent eye and skin contact. Utilize appropriate protective clothing and eye and skin protection. Wear appropriate respiratory protection if dust levels exceed exposure limits. Do not eat, drink or use tobacco products when there is potential exposure to this material. Wash hands thoroughly after handling.

See additional information on the SDS for further details regarding the safe use of this product.

SECTION 2.2: LABEL INFORMATION:

PRODUCT IDENTITY: HOTLINE[®] CMC GUM PURE GRADE (Cat. # 482615)



WARNING

May form combustible dust concentrations in air.
Causes eye, skin and respiratory tract irritation

HAZARD STATEMENT: May form combustible dust concentrations in air. Causes irritation upon contact with eyes, skin, and the respiratory system. May be harmful if swallowed. Ingestion may cause discomfort, distress, nausea or vomiting.

CAUTION: Keep away from heat and sources of ignition. Avoid generating and breathing dust/mist. Use with adequate ventilation. Avoid skin and eye contact. Use skin, eye and respiratory protection. Do not eat, drink or smoke when using this product. Keep away from children and pets.

EMERGENCY INFORMATION:

Inhalation: Move to fresh air. Support breathing as needed. If breathing is difficult, give oxygen. Seek medical attention, if required.

Eye Contact: Check for and remove contacts. Immediately rinse eyes with warm potable water. Rinse for 15 minutes including under eyelids. Seek medical attention, if required.

Skin Contact: Remove contaminated clothing. Immediately wash affected area with plenty of soap and water. If irritation persists, seek medical attention.

Ingestion: Do not induce vomiting. Rinse mouth. Loosen tight clothing. Seek medical attention, if required.

Note to Physician: Inform medical personnel that victim was exposed to carboxymethyl cellulose. Treat symptomatically.

Health = 2

Hazardous Material Information System

Flammability = 1

PPE = E means safety glasses, protective gloves and appropriate half-mask or full face piece respirator

Physical Hazard = 0

PPE = E

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SECTION 3 – HAZARDOUS INGREDIENTS INFORMATION:

This product contains material that may be hazardous when airborne as a particulate. This material is also hazardous upon contact with eyes, skin and the respiratory system.

HAZARDOUS COMPONENTS^a:

(Specific Chemical Identity;

Common Name)	CAS # ^b	SARA ^c	OSHA PEL ^d	ACGIH TLV ^e	NOTES	PERCENT ^f
Carboxymethyl cellulose sodium	9004-32-4		5 mg/m ³ 15 mg/m ³	---	Respirable Dust Total Dust	100%

Notes:

- The term "Hazardous" is defined in the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200) and does not necessarily imply the existence of any hazard. All components at concentrations equal to or greater than 1.0 percent (0.1 percent if a carcinogen) are listed in this section, according to OSHA 29 CFR 1910.1200.
- The CAS # designation is the Chemical Abstract Service Number. Each individual chemical is assigned a CAS #.
- An asterisk (*) indicates a toxic chemical subject to Environmental Protection Agency (EPA) reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (SARA) and 40 CFR Part 372.
- These permissible exposure limits (PELs) are based on OSHA's rulemaking (29 CFR 1910 Subpart Z) adopted in 1971 and are the current regulatory limits, unless otherwise noted. These values are reported as milligrams of contaminant per cubic meter of air (mg/m³).
- These values are based on the American Conference of Governmental Industrial Hygienists (ACGIH) 2018 TLVs.
- Approximate percent by weight values.

SECTION 4 – FIRST AID PROCEDURES:

Protection of Responders: Avoid exposure to blood or body fluids. Wear gloves and other bio-safety equipment. Dispose of bio-safety equipment as bio-hazardous waste.

Eyes: Remove contacts if worn. Hold eyelids apart and flush eyes with plenty of warm water potable for at least 15 minutes. Immediate medical attention is required.

Skin: Remove contaminated clothing and wash affected area with plenty of soap and water for at least 15 minutes. If redness or irritation develops, seek medical attention. Immediately medical attention is required.

Inhalation: Move to fresh air. Support breathing as needed. If breathing is difficult, give oxygen. Do not use mouth-to-mouth if substance was inhaled or ingested. Give artificial respiration with the aid of a pocket mask with one-way valve or other respiratory medical device. Immediate medical attention is required.

Ingestion: Do not induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Immediate medical attention is required. Call a physician or Poison Control Center.

Note to Physician: Inform medical personnel that victim was exposed to carboxymethyl cellulose. Treat symptomatically.

SECTION 5 – FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT (Method Used): NA May be combustible at high temperatures.

FLAMMABLE LIMITS: LEL: NA UEL: NA

AUTOIGNITION TEMPERATURE 360-370°C (680-698°F)

EXPLOSION HAZARDS IN PRESENCE OF VARIOUS SUBSTANCES: Mechanical impact: Not available
Static Discharge: Not available
Airborne powder can be explosive

UNSUITABLE EXTINGUISHING MEDIA: NA

EXTINGUISHING MEDIA: **Small Fire:** Use dry chemical powder:
Large Fire: Use water spray, fog or foam. \
DO NOT USE WATER JET

SPECIAL FIRE FIGHTING PROCEDURES: Wear appropriate protection for the surrounding fire. When fighting chemical fires wear self-contained breathing apparatus and full protective chemical resistant clothing. Do not release runoff to sewers and waterways. Cool containers with water spray until well after fire is out.

UNUSUAL FIRE AND EXPLOSION HAZARDS: When subjected to heat and flames, toxic fumes including carbon oxides (CO & CO₂) may be released. Keep away from heat and sources of ignition.
May form combustible dust concentrations in air.

SECTION 6 – ACCIDENTAL RELEASE MEASURES:**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Caution: This material is a powder. Do not allow dust accumulation on surfaces. If disturbed, surface dust may form explosive mixtures in air if released in sufficient concentration. Remove all ignition sources. Ensure adequate ventilation. Use non-sparking tools. Isolate the spill area and deny entry to unnecessary and unprotected personnel. Prevent skin and eye contact. Do not generate or breathe dust. Do not leave spills unattended. Barricade spill area until cleanup is complete. Avoid stepping in spilled material. Recover usable material if safe to do.

LARGE SPILLS: For large spills wear appropriate personal protective equipment (chemical protective suit). Evacuate personnel to safe areas. Keep material out of sewers and waterways. Recover material for reuse. Contain spill immediately with sand or other appropriate material. Collect and place in appropriate waste disposal containers. Clean up using wet methods. Rinse floors thoroughly. Keep material out of sewers and waterways.

SMALL SPILLS: Contain small spills using appropriate personal protective equipment. Recover material. Clean floors and surfaces with soap and water. Rinse and wet vacuum waste. Properly dispose of wastewater.

SPILL CLEANUP: During clean up of material avoid creating airborne dust (e.g., use wet methods). Where product is dry and may become airborne, utilize appropriate personal protective equipment such as a NIOSH approved air-purifying respirator equipped with filters approved for particulate (P-100). Keep spilled material and waste out of sewers and waterways. If an emergency situation exists, contact spill response personnel.

US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. CECLA Reportable Quantity: NA

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE:**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

Use in well-ventilated areas. Use with adequate ventilation that keeps airborne dust at levels below the applicable PEL. Keep away from heat and sources of ignition. Dry powder can build static electricity charges during material transfer and mixing. Ground all equipment that contains the material. Prevent the accumulation of dust on surfaces.

Keep away from incompatible materials.

Wear appropriate personal protection. Wear protective gloves and eye protection.

Do not breathe dust. Handle so as not to create airborne particulate. Utilize appropriate NIOSH-approved respirator if airborne exposure exceeds the PEL.

Avoid skin and eye contact. Do not take ingest. Handle with care. Wash thoroughly after handling.

Wash contaminated clothing before reuse.

STORAGE:

When not in use, store in tightly closed containers in a dry, cool, well-ventilated area. Do not store near oxidizing agents, acids and bases. Store out of direct sunlight.

PRECAUTIONS TO BE USED DURING REPAIR AND MAINTENANCE: Properly ground all equipment.

OTHER PRECAUTIONS: Empty containers may contain residue and are considered hazardous. Do not reuse empty containers other than for their intended purpose. Empty containers pose a fire risk. Keep out of reach of children.

SECTION 8– CONTROL MEASURES/PERSONAL PROTECTION:

VENTILATION: Note: Dust can form combustible concentrations in air. Use explosion relief vents, explosion suppression systems or an oxygen-deficient environment.

Local Exhaust: If necessary, use enclosures with local exhaust ventilation to keep exposures below PELs.

Mechanical: If necessary to keep dust levels below PELs. Recommended for confined areas and when handling dry material. Use explosion-proof ventilation equipment.

Special: Use process enclosures.

RESPIRATORY PROTECTION (Specify Type): Where exposure above the OSHA PEL is likely, utilize a NIOSH approved half-mask or full-face piece air-purifying respirator (APR) equipped with filters approved for particulate (P-100). APRs do not protect workers in oxygen deficient atmospheres.

SKIN PROTECTION: Utilize appropriate long-sleeved clothing, chemical-resistant apron and gloves.

EYE PROTECTION: Chemical safety goggles or safety glasses with side shields.

SAFETY STATIONS: Make available in the work area emergency eyewash stations, safety showers and washing facilities.

WORK/HYGIENIC PRACTICES: Avoid skin and eye contact. Avoid breathing particulate. Practice good personal hygiene. Do not eat, drink, smoke, or apply cosmetics in work areas. Wash face and hands prior to eating, drinking or other hand-to-mouth activities. Launder contaminated clothing before reuse.

SECTION 9 – PHYSICAL/CHEMICAL CHARACTERISTICS:

BOILING POINT:	NA	VAPOR DENSITY (Air = 1)	NA
MELTING POINT:	NA	VAPOR PRESSURE (mm Hg):	NA
SPECIFIC GRAVITY:	NA	EVAPORATION RATE (Butyl Acetate = 1):	<1
BULK DENSITY:	1.59	VOC CONTENT:	NA
pH:	NA	SOLUBILITY IN WATER:	Easily soluble in cold water
APPEARANCE AND ODOR:	Solid white to off-white powder		

SECTION 10 – STABILITY AND REACTIVITY:

STABILITY:	Stable:	<input checked="" type="checkbox"/>	Unstable:	<input type="checkbox"/>
Conditions to Avoid:	Incompatible products. Dust formation can be explosive. Excess heat and ignition.			
INCOMPATIBILITY (Materials to Avoid):	Strong oxidizers, acids and bases.			
HAZARDOUS POLYMERIZATION:	May Occur:	<input type="checkbox"/>	Will Not Occur:	<input checked="" type="checkbox"/>
CONDITIONS TO AVOID:	Heat. The generation of dust. Dust may form explosive mixtures in air.			
DECOMPOSITION PRODUCTS:	Carbon monoxide, carbon dioxide			

SECTION 11 – HEALTH HAZARD DATA:

ROUTE(S) OF ENTRY:	Inhalation:	<input type="checkbox"/>	Yes	Skin/Eye Contact:	<input type="checkbox"/>	Yes	Skin Absorption:	<input type="checkbox"/>	No	Ingestion:	<input type="checkbox"/>	Unlikely
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HEALTH HAZARDS (Acute and Chronic):**Acute (Short-Term) Effects:**

Eye contact: Can irritate the eyes.

Symptoms of eye contact include discomfort, redness and tear production.

Skin contact: Can irritate the skin.

Symptoms of skin contact many include discomfort and irritation.

Skin sensitization: Not known.

Inhalation: Inhalation of particulate may cause respiratory tract irritation.

Ingestion: May be harmful if swallowed. Swallowing large amounts can irritate the gastrointestinal tract.

Symptoms may include gastrointestinal irritation, nausea, vomiting and diarrhea.

Systemic Effects: None known.

Aspiration Hazard: None known.

Carboxymethyl cellulose sodium	Oral:	LD50 = 27000 mg/kg, rat/mouse
	Inhalation:	LC50 = >5800 mg/m ³ , rat
	Dermal	LD50 = >2000 mg/kg, rabbit

Chronic (Long-Term) Effects:

Prolonged or repeated ingestion can affect the liver, urinary system and metabolism. Repeated inhalation may cause bronchitis with cough, phlegm, and/or shortness of breath.

Reproductive or developmental effects: No ingredient is listed on the State of California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) list of chemicals known to cause reproductive effects.

CARCINOGENICITY: **ACGIH** No **IARC:** No **NTP:** No **OSHA REGULATED:** No

* This product does not contain any ingredient that is designated as a carcinogen by the American Conference of Governmental Industrial Hygienist (ACGIH), the National Toxicology Program (NTP) Annual Report on Carcinogens, by the International Agency for Research on Cancer (IARC) and by OSHA.

CALIFORNIA PROP 65 WARNING STATEMENT: This product does not contain chemicals that are known to the State of California to cause cancer, birth defects and other reproductive harm.

SIGNS AND SYMPTOMS OF EXPOSURE:

Skin, eye and respiratory tract irritation. Skin may redden with pain. Causes eyes irritation with pain and tearing. Will irritate the respiratory tract if inhaled. Ingestion may cause pain, nausea and vomiting.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Skin, eye and respiratory tract ailments.

SECTION 12 – ECOLOGICAL INFORMATION:

Ecotoxicity: No information available. Do not disperse into any waterway, sanitary or industrial sewer system. Large and frequent spill can harm and damage the environment. Relevant information for components is listed below:

Common Name/CAS #	Toxicity to Fish	Toxicity to Algae	Toxicity to daphnia/etc.
Carboxymethyl cellulose	LC50: >20000 mg/l (Rainbow Trout)	---	EC50: 87.26 mg/l 48 Hour (Water Flea)

Persistence and Degradability: No data available on mixture. Not expected to be environmentally persistent.

Mobility: No data available on mixture

SECTION 13 – DISPOSAL:

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state, and/or federal regulations.

CONTAMINATED PACKAGING: Empty containers should be taken for local recycling, recovery or disposal.

SECTION 14 – TRANSPORTATION DATA:

DOT Proper Shipping Name:	None
UN Hazard Class:	None
UN Number:	None
Packing Group:	None
DOT Label:	None
IATA	None
TDG (Canada)	None

SECTION 15 – REGULATORY INFORMATION:

OSHA Hazard Communication Standard 29 CFR 1919.1000

OSHA PELs 29 CFR 1910.1000

EPA SARA Section 313: Not listed

EPA Toxic Substances Control Act: Not Listed on inventory

California Proposition 65: Not Listed

Select US State "Right to Know" Lists

INVENTORY STATUS:

U.S.EPA TSCA: This produce is in compliance with the Toxic Substance Control Act's Inventory requirements.

CANADIAN CEPA DSL: The components of this product are included on the Controlled Products Regulation (CPR).

EUROPEAN UNION: Not Determined

AUSTRALIA AICS: This product contains a component that is not on the Australian Inventory (AICS).

SECTION 16 – OTHER INFORMATION:

This Safety Data Sheet (SDS) was prepared to comply with the UN Globally Harmonized System of Classification and Labeling of Chemicals (GHS). This SDS also complies with the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Controlled Products Regulation.

The information contained within this SDS is based on data believed to be correct and reliable. All information appearing within this SDS is based upon data obtained from suppliers of the raw materials. While the information is believed to be accurate, Creative Craftsmen Co. Inc. makes no representation as to its accuracy of sufficiency. No guarantee or warranty is expressed or implied regarding the accuracy of this data and information contained herein. Creative Craftsmen Co. Inc. expressly disclaims all expressed or implied warranties for merchantability and fitness for a particular purpose, with respect to the product or information provided herein.

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SECTION 16 – OTHER INFORMATION (Cont.):

Abbreviations:

ACGIH	American Industrial Hygiene Association	ND	Not Data
CERCL	Comprehensive Environmental Response, Compensation and Liability Act of 1980	NTP	National Toxicology Program Occupational Safety and Health Administration
CAS#	Chemical Abstract Number	OSHA	Permissible Exposure Limit
CFR	Code of Federal Regulations	PEL	Personal Protective Equipment
DOT	Department of Transportation	PPE	Refractory Ceramic Fibers
EPA	Environmental Protection Agency	RCF	Resource Conservation and Recovery Act
HMIS	Hazardous Material Information System	RCRA	Reportable Quantity
IARC	International Agency for Research on Cancer	RQ	Safety Data Sheet
IDLH	Immediately Dangerous to Life and Health	SDS	Short-Term Exposure Limit
LEL	Lower Explosive Limit	STEL	Threshold Limit Value
LC50	Lethal Concentration = 50%	TLV	Time-Weighted Average
LD50	Lethal Dose = 50%	TWA	Upper Explosive Limit
MARPOL	International Convention for the Prevention of Pollution from Ships	UEL	United Nations
		UN	

Date Prepared: 10/30/18

Date Revised:

(482615) HOTLINE® CMC GUM PURE GRADE SDS 2018