HARBOR FREIGHT TOOLS

SAFETY DATA SHEET

Page 1 of 5 HFT-93818

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 1.1

SDS Revision Date: 7/25/2015

1.	PRODUCT	ጼ	COMPANY	IDENTIFICATION	J

1.1	Product Name:	BLUE CHALK LINE REEL SET	
1.2	Chemical Name:	Calcium Carbonate	
1.3	Synonyms:	P/N 93818	
1.4	Trade Names:	Pittsburgh	
1.5	Product Uses & Restrictions:	Snap Line Chalk	
1.6	Distributor's Name:	Harbor Freight Tools USA, Inc.	
1.7	Distributor's Address:	26541 Agoura Road, Calabasas, CA 91302 USA	
1.8	Emergency Phone:	CHEMTREC: +1 (703) 527-3887 / +1 (800) 424-9300 (CCN 676687)	
1.9	Business Phone / Fax:	+1 (805) 388-1000	

2. HAZARDS IDENTIFICATION

This product is classified as a HAZARDOUS SUBSTANCE, but not as DANGEROUS GOODS Hazard Identification: according to the classification criteria of NOHSC: 1088 (2004) and ADG Code (Australia). WARNING! CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE IRRITATION. MAY BE HARMFUL IF INHALED. Classification: Skin Irrit. 2; Eye Irrit. 2 Hazard Statements (H): H315 - Causes skin irritation. H319 - Causes serious eye irritation. H333 - May be harmful if inhaled.

Precautionary Statements (P): P261 - Avoid breathing dust. P264 - Wash hands and exposed skin areas with soap and warm thoroughly after handling. P304+P312 - IF INHALED: Call a POISON CENTER/doctor if you feel unwell. P280 - Wear protective gloves/eye protection/face protection. P302+P352 - IF ON SKIN: Wash with soap and water. P332+P313 - If skin irritation occurs: Get medical advice/attention. P362+P364 – Take off contaminated clothing and wash it before reuse. P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention.



3. COMPOSITION & INGREDIENT INFORMATION

				EXPOSURE LIMITS IN AIR (mg/m³)									
					AC	GIH		NOHSC			OSHA		
					pp	m		ppm			ppm		
							ES-	ES-	ES-				
CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	TLV	STEL	TWA	STEL	PEAK	PEL	STEL	IDLH	OTHER
CALCIUM CARBONATE	471-34-1	FF9335000	207-439-9	60-100	(10)	NA	(10)	NF	NF	(5)	NA	NA	
CALCIUM CARBONATE	Skin Irrit. 2; Ey	e Irrit. 2; STOT SI	E3; H315, H319,	H335									
LII TOAMADINE DI LIE	57455-37-5	NA	257-098-5	10-30	NA	NA	NA	NF	NF	NA	NA	NA	
ULTRAMARINE BLUE													

			4. FIRST AID MEASURES
4.1	First Aid:	Ingestion:	Ingestion unlikely; however, if ingested, do not induce vomiting. Contact the nearest Poison Control Center or local emergency number. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed.
		Eyes:	If product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes lifting upper and lower lids, occasionally.
		Skin:	Wash thoroughly with soap and water. In case of contact, immediately flush skin with plenty of water for at least 15 minutes.
		Inhalation:	Remove victim to fresh air at once. If breathing is difficult, administer oxygen. If breathing stops give artificial respiration. Keep person warm, quiet and get medical attention.
4.2	Effects of Exposure:	Ingestion:	If product is swallowed, may cause gastrointestinal disturbance.
		Eyes:	Exposure to dust may cause eye irritation. Symptoms of overexposure may include redness, itching, irritation and watering.
		Skin:	May be irritating to skin. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some sensitive individuals.
		Inhalation:	Coughing, wheezing, shortness of breath, impaired pulmonary function. Irritation or soreness in throat, nose and respiratory tract.

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Quality Tools at Midiculously Low Prices

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision Date: 7/25/2015 4. FIRST AID MEASURES 4.3 Symptoms of Overexposure: If product is swallowed, may cause gastrointestinal disturbance. Ingestion: Exposure to dust may cause eye irritation. Symptoms of overexposure may include redness, itching, Eyes: irritation and watering. May be irritating to skin. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in Skin: some sensitive individuals. Inhalation: Coughing, wheezing, shortness of breath, impaired pulmonary function. Irritation or soreness in throat, nose and respiratory tract. 4.4 Acute Health Effects Moderate irritation to eyes and skin near affected areas. Additionally, high concentrations of dust can cause coughing, wheezing, shortness of breath, impaired pulmonary function. Irritation or soreness in throat, nose and respiratory tract. 4.5 Chronic Health Effects: Possible allergic dermatitis in some sensitive individuals. 4.6 Target Organs: Eyes, Skin, Lungs, Respiratory System. 4.7 Medical Conditions HEALTH Pre-existing dermatitis, other skin conditions. 1 Aggravated by Exposure: **FLAMMABILITY** 0 0 PHYSICAL HAZARDS PROTECTIVE EQUIPMENT В **EYES** SKIN 5. FIREFIGHTING MEASURES 5.1 Fire & Explosion Hazards: This material can burn but will not readily ignite. However, if involved in a fire, this product may decompose at high temperatures to form toxic gases (e.g., CO, CO₂, Hydrocarbons) Extinguishing Methods: 5.2 CO2, Dry Chemical, Foam. Use water spray to cool containers. 5.3 Firefighting Procedures: Keep containers cool until well after the fire is out. Fight fires as for surrounding materials. As in any fire, wear MSHA/NIOSH approved self-contained breathing apparatus (pressure-demand) and full protective gear. Keep containers cool until well after the fire is out. Use water spray to cool fireexposed surfaces and to protect personal. Fight fire upwind. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies. 6. ACCIDENTAL RELEASE MEASURES Before cleaning any spill individuals involved in cleanup must wear appropriate Personal Protective Equipment. Plastic Spills or rubber gloves, respirator, eye protection and apron may be required for clean-up of large spills. No special precautions are required for intact packaging containing this product. If product is crushed, use respiratory protection equipment. Do not use compressed air to clean up any residue. Use a wet method or vacuums equipped with High Efficiency Particulate (HEPA) filters to clean up any residues from this product. Waste must be placed in dust tight containers or sealed plastic bags for disposal. Label properly. Keep spills and cleaning runoffs out of drains, municipal sewers and open bodies of water. 7. HANDLING & STORAGE INFORMATION Work & Hygiene Practices: 7.1 Do not eat, drink or smoke when handling this product. Wash unintentional residues with soap and warm water. Storage & Handling: 7.2 Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans) away from heat and direct sunlight. Avoid temperatures above 120 °F. Keep away from incompatible substances. 7.3 Special Precautions: Clean all dusts and particulates promptly as they present a slip and fall hazard. 8. EXPOSURE CONTROLS & PERSONAL PROTECTION ACGIH NOHSC Exposure Limits: OTHER 8.1 **OSHA** ppm (mg/m³) CHEMICAL NAME(S) TLV **ES-STEL** ES-PEAK PFI STEL IDLH STEL **ES-TWA CALCIUM CARBONATE** (10) NA (10) NF NF (5) NA NA 8.2 Ventilation & Engineering General mechanical (e.g., fans) or natural ventilation is sufficient when this product is in use. Use local or general exhaust ventilation to effectively remove and prevent buildup of vapors or mist generated from the handling of this product. Ensure appropriate decontamination equipment is available (e.g., sink, safety shower, eye-wash station) In instances where dusts are generated when using this product, and respiratory protection is 8.3 Respiratory Protection: needed, use only protection authorized by 29 CFR §1910.134, applicable U.S. State regulations, or the Canadian CAS Standard Z94.4-93 and applicable standards of Canadian Provinces, EC member States, or Australia. Eye Protection: Avoid eye contact. Use equipment for eye protection tested and approved under appropriate 8.4 government standards such as NIOSH (US) or EN 166(EU).

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	8. I	EXPOSURE CONTROLS & PERSONAL PROTECTION – cont'd
8.5	Hand Protection:	Heavy-duty work gloves recommended under normal conditions of use to avoid abrasions and reduce risk of exposure to hands. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, or the EU member states.
8.6	Body Protection:	No apron required under normal circumstances; however, it is recommended. Upon completion of work activities using this product), wash any exposed areas thoroughly with soap and water. If necessary, refer to appropriate standards of Canada, the EU member states, or U.S. OSHA.
		9. PHYSICAL & CHEMICAL PROPERTIES
9.1	Appearance:	Blue powder
9.2	Odor:	Odorless
9.3	Odor Threshold:	NA NA
9.4	pH:	NA NA
9.5	Melting Point/Freezing Point:	na
9.6	Initial Boiling Point/Boiling	NA NA
9.7	Range: Flashpoint:	NA NA
9.8	Upper/Lower Flammability	NA NA
9.9	Limits: Vapor Pressure:	
9.9	Vapor Pressure: Vapor Density:	NA NA
9.10	Relative Density:	NA na
9.12	Solubility:	Soluble in dilute acid. Insoluble in alcohol.
9.13	Partition Coefficient (log P _{ow}):	NA
9.14	Autoignition Temperature:	NA NA
9.15	Decomposition Temperature:	NA NA
9.16	Viscosity:	NA NA
9.17	Other Information:	NA NA
		10. STABILITY & REACTIVITY
10.1	Stability:	Stable under normal conditions.
10.2	Hazardous Decomposition	
40.0	Products:	Oxides of carbon (CO, CO ₂), metal oxides, particulates.
10.3	Hazardous Polymerization:	Will not occur.
10.4	Conditions to Avoid: Incompatible Substances:	Open flames, high heat, incompatible substances and direct sunlight.
10.5	incompatible Substances.	Avoid extreme heat and ignition sources. Store away from oxidizers, strong acids and alkalis.
		11. TOXICOLOGICAL INFORMATION
11.1	Routes of Entry:	Inhalation: YES Absorption: YES Ingestion: YES
11.2	Toxicity Data:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product, but is not presented in this document.
11.3	Acute Toxicity:	See Section 4.4
11.4	Chronic Toxicity:	See Section 4.5
11.5	Suspected Carcinogen:	NA NA
11.6	Reproductive Toxicity:	This product is not reported to produce reproductive toxicity in humans.
	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.
	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.
	Teratogenicity:	This product is not reported to cause teratogenic effects in humans.
	Reproductive Toxicity:	This product is not reported to cause reproductive effects in humans.
11.7	Irritancy of Product:	The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) upon prolonged or repeated exposure.
11.8	Biological Exposure Indices:	NE .
11.9	Physician Recommendations:	Treat symptomatically.
		12. ECOLOGICAL INFORMATION
12.1	Environmental Stability:	There are no specific data available for this product.
12.1	Effects on Plants & Animals:	There are no specific data available for this product. There are no specific data available for this product.
12.3	Effects on Aquatic Life:	There are no specific data available for this product. There are no specific data available for this product.
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		13. DISPOSAL CONSIDERATIONS
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13.1	Waste Disposal:	Dispose of in accordance with federal, state, provincial and local regulations
13.1 13.2	Waste Disposal: Special Considerations:	Dispose of in accordance with federal, state, provincial and local regulations. NA

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		14. TRANSPORTATION INFORMATION					
		ber, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additio	nal				
14.1	49 CFR (GND):	required by 49 CFR, IATA/ICAO, IMDG and the CTDGR. NOT REGULATED					
14.2	IATA (AIR):	NOT REGULATED					
14.3	IMDG (OCN):	NOT REGULATED					
14.4	TDGR (Canadian GND):	NOT REGULATED					
14.5	ADR/RID (EU):	NOT REGULATED					
14.6	SCT (MEXICO):	NOT REGULATED					
14.7	ADGR (AUS):	NOT REGULATED					
		15. REGULATORY INFORMATION					
15.1	SARA Reporting Requirements:	This product does not contain any substances subject to SARA Title III, Section 313 reporting requirements.					
15.2	SARA Threshold Planning Quantity:	There are no specific Threshold Planning Quantities for the components of this product.					
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory or are otherwise exempt.					
15.4	CERCLA Reportable Quantity (RQ):	NA					
15.5	Other Federal Requirements:	None of the ingredients are listed as Hazardous Air Pollutants (HAPs). None of the ingredients are listed as To Pollutants under the Clean Water Act (CWA). None of the ingredients are listed as Priority Pollutants under the Cle Water Act (CWA). This product does not contain any Class 1 or Class 2 ozone depletors.					
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. WHMIS D2B (Other Toxic Effects).					
15.7	State Regulatory Information:	None of the ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the follow state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida To Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI).	oxic MI), List				
15.8	Other Requirements:	The primary components of this product are listed in Annex I of EU Directive 67/548/EEC: Harmful (Xn). Risk Phrases (R): 20-38 – Harmful if inhaled. Irritating to skin. Safety Phrases (S): 2-23-24-62 - Keep away from children. Do not breathe dust. Avoid contact with skin. If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label where possible.					
		16. OTHER INFORMATION					
40.4	Other lefe						
16.1	Other Information:	WARNING! CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE IRRITATION. MAY BE HARMFUL IF INHALED Avoid breathing dust. Wash hands and exposed skin areas with soap and warm thoroughly after handling. IF INHALI Call a POISON CENTER/doctor if you feel unwell. Wear protective gloves/eye protection/face protection. IF ON SKI Wash with soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing wash it before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if pres and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. KEEP OUT OF REACH CHILDREN.	ED: IN – and sent				
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.					
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & Harbor Freight Tools USA, Inc.'s knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.					
16.4	Prepared for:	Harbor Freight Tools USA, Inc. 26541 Agoura Road Calabasas, CA 91302 USA Tel: +1 (805) 388-1000 http://www.harborfreight.com					
16.5	Prepared by:	ShipMate, Inc. P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 http://www.shipmate.com					

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DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

GENERAL INFORMATION:

CAS No.	Chemical Abstract Service Number					
EXPOSURE	EXPOSURE LIMITS IN AIR:					
ACGIH	American Conference on Governmental Industrial Hygienists					
С	Ceiling Limit					
ES	Exposure Standard (Australia)					
IDLH	Immediately Dangerous to Life and Health					
OSHA	U.S. Occupational Safety and Health Administration					
PEL	Permissible Exposure Limit					
STEL	Short-Term Exposure Limit					
TLV	Threshold Limit Value					
TWA	Time Weighted Average					

FIRST AID MEASURES:

Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.

HMIS-III HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard			
1	1 Slight Hazard			
2	Moderate Hazard			
3	Severe Hazard			
4	Extreme Hazard			



PERSONAL PROTECTION RATINGS:

	 -	
Α		
В		
С		
D		
E		
F		









Synthetic Apron

Protective Clothing & Full Suit

Dust Respirator

Full Face Respirator

Dust & Vapor Half-Mask Respirator

Full Face Respirator

Airline Hood/Mask or SCBA

OTHER STANDARD ABBREVIATIONS:

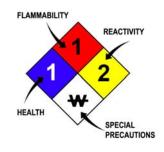
ML	Maximum Limit
mg/m3	milligrams per cubic meter
NA	Not Available
ND	Not Determined
NE	Not Established
NF	Not Found
NR	No Results
ppm	parts per million
SCBA	Self-Contained Breathing Apparatus

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:							
Autoignition Temperature	Minimum temperature required to initiate combustion in air with no other source of ignition						
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source						
UEL	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source						

HAZARD RATINGS:

0	Minimal Hazard		
1	Slight Hazard		
2	Moderate Hazard		
3	Severe Hazard		
4	Extreme Hazard		
ACD	Acidic		
ALK	Alkaline		
COR	Corrosive		
₩	Use No Water		
ох	Oxidizer		
TREFOIL	Radioactive		



TOXICOLOGICAL INFORMATION:

LD ₅₀	Lethal Dose (solids & liquids) which kills 50% of the exposed anim s					
LC ₅₀	Lethal concentration (gases) which kills 50% of the exposed animal					
ppm	Concentration expressed in parts of material per million parts					
TD _{io}	Lowest dose to cause a symptom					
TCLo	Lowest concentration to cause a symptom					
TD _{Io} , LD _{Io} , & LD _o or	Lowest dose (or concentration) to cause lethal or toxic effects					
TC, TC _o , LC _{io} , & LC _o						
IARC	International Agency for Research on Cancer					
NTP	National Toxicology Program					
RTECS	Registry of Toxic Effects of Chemical Substances					
BCF	Bioconcentration Factor					
TL _m	Median threshold limit					
log K _{ow} or log K _{oc}	Coefficient of Oil/Water Distribution					

REGULATORY INFORMATION:

WHMIS	Canadian Workplace Hazardous Material Information System					
DOT	U.S. Department of Transportation					
TC	Transport Canada					
EPA	EPA U.S. Environmental Protection Agency					
DSL	Canadian Domestic Substance List					
NOHSC	National Occupational Health and Safety Commission (Australia)					
NDSL	Canadian Non-Domestic Substance List					
PSL	Canadian Priority Substances List					
TSCA U.S. Toxic Substance Control Act						
EU	European Union (European Union Directive 67/548/EEC)					
WGK	Wassergefährdungsklassen (German Water Hazard Class)					
HMIS-III	HMIS-III National Paint & Coatings Association Hazardous Materials Identification System					

WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

WORKE ENGLINES WERE TO THE TENER OF THE TENE								
0	(4)	(②	(T)	®		R	
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F	
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive	

EC (67/548/EEC) INFORMATION:

The state of the s		M	*			X	X
С	E	F	N	0	Т	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

CLP/GHS (1272/2008/EC) PICTOGRAMS:

			\Diamond			\Diamond		*
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment