Spectrum Brands, Inc. Rayovac Division 3001 Deming Way Middleton, WI 53562-1431 Phone: (608) 275-3340 Fax: (608) 275-4577 http://www.rayovac.com



2004233

SAFETY DATA SHEET

The Safety Data Sheet is supplied as a service to you. For other related information, please visit: <u>http://www.rayovac.com</u>

1. IDENTIFICATION

PRODUCT NAME:	Zinc Chloride Battery
SIZES:	All sizes
EMERGENCY HOTLINE:	800-424-9300 (24 hr, Chemtrec)
EDITION DATE:	08/11/2014

2. HAZARD IDENTIFICATION

We would like to inform our customers that these batteries are exempt articles and are not subject to the 29 CFR 1910.1200 OSHA requirements, Canadian WHMIS requirements or GHS requirements.

Emergency Overview

OSHA Hazards-not applicable Target Organs-not applicable GHS Classification-not applicable GHS Label Elements, including precautionary Statement-not applicable Pictogram-not applicable Signal words-not applicable Hazard statements-not applicable Precautionary statements-not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	%	TLV*/**TWA		
7439-89-6	8-14	Not Listed		
1313-13-9	28-32	C5.0 mg/m ³ (TWA)		
7440-66-6	16-20	5.0 mg/m ³ (ZnOas Fume)		
1333-86-4	7-13	3.5 mg/m ³ (Carbon Black, TWA)		
12125-02-9	1-3	Not Listed		
7646-85-7	6-10	Not Listed		
7439-92-1	<0.02	50 ug/m ³ (TWA)		
	Balance			
	7439-89-6 1313-13-9 7440-66-6 1333-86-4 12125-02-9 7646-85-7	7439-89-6 8-14 1313-13-9 28-32 7440-66-6 16-20 1333-86-4 7-13 12125-02-9 1-3 7646-85-7 6-10 7439-92-1 <0.02		

4. FIRST AID INFORMATION

THRESHOLD LIMIT VALUE (TLV) AND SOURCE: NA

EFFECTS OF OVEREXPOSURE: None (see section 2 and 4 for fire or rupture situations) EMERGENCY FIRST AID PROCEDURES:

Skin and Eyes:

In the event that battery ruptures, flush exposed skin with flowing lukewarm water for a minimum of 15 minutes. Get immediate medical attention for eyes. Wash skin with soap and water.

Swallowing:

If you or your doctor suspects that a battery has been ingested-for assistance in the US call the NATIONAL BATTERY INGESTION HOTLINE any time at (202) 625-3333: in Canada call 416-813-5900.

For more information, please visit:

http://www.nema.org/Policy/Environmental-Stewardship/Documents/batteryingest.pdf

5. FIRE FIGHTING MEASURES

FLASH POINT:	NA
LOWER (LEL):	NA
FLAMMABLE LIMITS IN AIR (%):	NA
UPPER (UEL):	NA
EXTINGUISHING MEDIA:	Use water, foam, or dry powder as
	appropriate.
AUTO-IGNITION:	NA

SPECIAL FIRE FIGHTING PROCEDURES: As with any fire, wear self-contained breathing apparatus to avoid inhalation of hazardous decomposition products (See section 2).

SPECIAL FIRE OR EXPLOSION HAZARDS: Like any sealed container, battery cells may rupture when exposed to excessive heat; this could result in the release of corrosive materials.

6. ACCIDENTAL RELEASE MEASURES

TO CONTAIN AND CLEAN UP LEAKS OR SPILLS: In the event of a battery rupture, prevent skin contact and collect all released material in a plastic lined metal container.

REPORTING PROCEDURE: Report all spills in accordance with Federal, State and Local reporting requirements.

7. HANDLING AND STORAGE

Store batteries in a dry place. Storing unpackaged cells together could result in cell shorting and heat build-up. Do not recharge. Do not puncture or abuse.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

RESPIRATORY PROTECTION (SPECIFY TYPE):		NA
VENTILATION:	VENTILATION: Local Exhaust:	
	Mechanical (General):	NA
	Special:	NA
	Other:	NA
PROTECTIVE GLOV	VES:	NA
EYE PROTECTION:		NA
OTHER PROTECTIVE CLOTHING:		NA

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point @ 760 mm Hg (°C):	NA	Percent Volatile by Volume (%):		NA
Vapor Pressure (mm Hg @ 25°C):	NA	Evaporation Rate (Butyl Acetate = 1):		NA
Vapor Density (Air = 1):	NA	Physical State:		NA
Density (grams/cc):	NA	Solubility in Water (% by Weight):		NA
pH:	NA	Appearance and Odor: Geometric so		lid object

10. STABILITY AND REACTIVITY

STABLE OR UNSTABLE:	Stable
INCOMPATIBILITY (MATERIALS TO AVOID):	NA
HAZARDOUS DECOMPOSITION PRODUCTS:	NA
DECOMPOSITION TEMPERATURE (0°F):	NA
HAZARDOUS POLYMERIZATION:	Will Not Occur
CONDITIONS TO AVOID:	Avoid electrical shorting, puncturing or deforming

11. TOXICOLOGICAL INFORMATION

INGREDIENT NAME	CAS #	%	TLV*/**TWA		
Steel	7439-89-6	8-14	Not Listed		
Manganese Dioxide	1313-13-9	28-32	C5.0 mg/m ³ (TWA)		
Zinc	7440-66-6	16-20	5.0 mg/m ³ (ZnOas Fume)		
Acetylene Black	1333-86-4	7-13	3.5 mg/m ³ (Carbon Black, TWA)		
Ammonium Chloride	12125-02-9	1-3	Not Listed		
Zinc Chloride	7646-85-7	6-10	Not Listed		
Lead	7439-92-1	<0.02	50 ug/m ³ (TWA)		
Water, paper, plastic, other		Balance			

12. ECOLOGICAL INFORMATION

Under normal use these batteries do not release their ingredients into the environment. Damaged or abused batteries can release small amounts of zinc, and manganese. Damaged batteries carelessly discarded could release small amounts of zinc to storm or surface water. Do not place in fire. Dispose of properly when discharged. Use a recycling outlet if available. Those collecting batteries should follow state and federal regulations.

Partially discharged damaged batteries can overheat and cause fires in the presence of other combustible materials.

13. DISPOSAL CONSIDERATIONS

Always comply with Federal, state or local requirements. If you choose to retain discharged batteries and recycle be sure to store them out of the reach of children and pets. Do not store with adult medications of similar size or shape. For additional information on disposal/reclaim options, visit: <u>http://www.nema.org/Policy/Environmental-</u>

Stewardship/Documents/Companies%20Claiming%20to%20Recycle.MARCH2005.pdf

14. TRANSPORTATION INFORMATION

TRANSPORTATION-SHIPPING: These are considered dry-cell batteries and they are non-dangerous goods for transportation. These batteries must be packed in a way to prevent short circuits or generation of a dangerous quantity of heat.

USDOT – See Special Provision 130.

IMDG/Ocean – Not Listed.

ICAO/IATA – See Special Provision A123. This special provision also states to put the words "not restricted" and "special provision A123" on the air waybill when an air waybill is issued.

15. REGULATORY INFORMATION

SARA 313: Notification is not required because these products are article(s) that do not release a covered toxic chemical under the normal conditions of storage, use, or handling.

NOTICE: The information and recommendations set forth are made in good faith and are believed to be accurate at the date of preparation. Spectrum Brands Inc. (Rayovac) makes no warranty expressed or implied.

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1. IDENTIFICATION

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EDITION DATE:	08/11/2014

2. HAZARD IDENTIFICATION

We would like to inform our customers that these batteries are exempt articles and are not subject to the 29 CFR 1910.1200 OSHA requirements, Canadian WHMIS requirements or GHS requirements.

Emergency Overview

OSHA Hazards-not applicable Target Organs-not applicable GHS Classification-not applicable GHS Label Elements, including precautionary Statement-not applicable Pictogram-not applicable Signal words-not applicable Hazard statements-not applicable Precautionary statements-not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	%	TLV*/**TWA		
7439-89-6	8-14	Not Listed		
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12125-02-9	1-3	Not Listed		
7646-85-7	6-10	Not Listed		
7439-92-1	<0.02	50 ug/m ³ (TWA)		
	Balance			
	7439-89-6 1313-13-9 7440-66-6 1333-86-4 12125-02-9 7646-85-7	7439-89-6 8-14 1313-13-9 28-32 7440-66-6 16-20 1333-86-4 7-13 12125-02-9 1-3 7646-85-7 6-10 7439-92-1 <0.02		

4. FIRST AID INFORMATION

THRESHOLD LIMIT VALUE (TLV) AND SOURCE: NA

EFFECTS OF OVEREXPOSURE: None (see section 2 and 4 for fire or rupture situations) EMERGENCY FIRST AID PROCEDURES:

Skin and Eyes:

In the event that battery ruptures, flush exposed skin with flowing lukewarm water for a minimum of 15 minutes. Get immediate medical attention for eyes. Wash skin with soap and water.

Swallowing:

If you or your doctor suspects that a battery has been ingested-for assistance in the US call the NATIONAL BATTERY INGESTION HOTLINE any time at (202) 625-3333: in Canada call 416-813-5900.

For more information, please visit:

http://www.nema.org/Policy/Environmental-Stewardship/Documents/batteryingest.pdf

5. FIRE FIGHTING MEASURES

FLASH POINT:	NA
LOWER (LEL):	NA
FLAMMABLE LIMITS IN AIR (%):	NA
UPPER (UEL):	NA
EXTINGUISHING MEDIA:	Use water, foam, or dry powder as
	appropriate.
AUTO-IGNITION:	NA

SPECIAL FIRE FIGHTING PROCEDURES: As with any fire, wear self-contained breathing apparatus to avoid inhalation of hazardous decomposition products (See section 2).

SPECIAL FIRE OR EXPLOSION HAZARDS: Like any sealed container, battery cells may rupture when exposed to excessive heat; this could result in the release of corrosive materials.

6. ACCIDENTAL RELEASE MEASURES

TO CONTAIN AND CLEAN UP LEAKS OR SPILLS: In the event of a battery rupture, prevent skin contact and collect all released material in a plastic lined metal container.

REPORTING PROCEDURE: Report all spills in accordance with Federal, State and Local reporting requirements.

7. HANDLING AND STORAGE

Store batteries in a dry place. Storing unpackaged cells together could result in cell shorting and heat build-up. Do not recharge. Do not puncture or abuse.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

RESPIRATORY PROTECTION (SPECIFY TYPE):		NA
VENTILATION:	VENTILATION: Local Exhaust:	
	Mechanical (General):	NA
	Special:	NA
	Other:	NA
PROTECTIVE GLOV	VES:	NA
EYE PROTECTION:		NA
OTHER PROTECTIVE CLOTHING:		NA

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point @ 760 mm Hg (°C):	NA	Percent Volatile by Volume (%):		NA
Vapor Pressure (mm Hg @ 25°C):	NA	Evaporation Rate (Butyl Acetate = 1):		NA
Vapor Density (Air = 1):	NA	Physical State:		NA
Density (grams/cc):	NA	Solubility in Water (% by Weight):		NA
pH:	NA	Appearance and Odor: Geometric so		lid object

10. STABILITY AND REACTIVITY

STABLE OR UNSTABLE:	Stable
INCOMPATIBILITY (MATERIALS TO AVOID):	NA
HAZARDOUS DECOMPOSITION PRODUCTS:	NA
DECOMPOSITION TEMPERATURE (0°F):	NA
HAZARDOUS POLYMERIZATION:	Will Not Occur
CONDITIONS TO AVOID:	Avoid electrical shorting, puncturing or deforming

11. TOXICOLOGICAL INFORMATION

INGREDIENT NAME	CAS #	%	TLV*/**TWA
Steel	7439-89-6	8-14	Not Listed
Manganese Dioxide	1313-13-9	28-32	C5.0 mg/m ³ (TWA)
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Ammonium Chloride	12125-02-9	1-3	Not Listed
Zinc Chloride	7646-85-7	6-10	Not Listed
Lead	7439-92-1	<0.02	50 ug/m ³ (TWA)
Water, paper, plastic, other		Balance	

12. ECOLOGICAL INFORMATION

Under normal use these batteries do not release their ingredients into the environment. Damaged or abused batteries can release small amounts of zinc, and manganese. Damaged batteries carelessly discarded could release small amounts of zinc to storm or surface water. Do not place in fire. Dispose of properly when discharged. Use a recycling outlet if available. Those collecting batteries should follow state and federal regulations.

Partially discharged damaged batteries can overheat and cause fires in the presence of other combustible materials.

13. DISPOSAL CONSIDERATIONS

Always comply with Federal, state or local requirements. If you choose to retain discharged batteries and recycle be sure to store them out of the reach of children and pets. Do not store with adult medications of similar size or shape. For additional information on disposal/reclaim options, visit: <u>http://www.nema.org/Policy/Environmental-</u>

Stewardship/Documents/Companies%20Claiming%20to%20Recycle.MARCH2005.pdf

14. TRANSPORTATION INFORMATION

TRANSPORTATION-SHIPPING: These are considered dry-cell batteries and they are non-dangerous goods for transportation. These batteries must be packed in a way to prevent short circuits or generation of a dangerous quantity of heat.

USDOT – See Special Provision 130.

IMDG/Ocean – Not Listed.

ICAO/IATA – See Special Provision A123. This special provision also states to put the words "not restricted" and "special provision A123" on the air waybill when an air waybill is issued.

15. REGULATORY INFORMATION

SARA 313: Notification is not required because these products are article(s) that do not release a covered toxic chemical under the normal conditions of storage, use, or handling.

NOTICE: The information and recommendations set forth are made in good faith and are believed to be accurate at the date of preparation. Spectrum Brands Inc. (Rayovac) makes no warranty expressed or implied.



Safety Data Sheet Prang Hygieia Chalk

	COMPANY	
	1. PRODUCT AND COMPANY	
Company Identification:	Dixon Ticonderoga Company	Date prepared: 5/7/2003
	615 Crescent Executive Court ste.500	Last revised: 10/26/2015
	Lake Mary Fl, 2746	
	Telephone:(800) 824-9430	
Product Name:	Prang Hygieia Chalk	
Product Code(s):	21144 2144 (1400	
	31144, 3144, 61400 2. HAZARDS IDENTII	FICATION
	Not an acute hazard- conforms to ASTM D-4236	
Emergency Overview	CAUTION!	
	Packaging may be subject to ignition by fire and may release	e toxic or other irritating gases
	3. COMPOSITION/INFORMATIO	N ON INGREDIENTS
Component		%Weight
Products bearing the CL Ce	ertified Products or AP Approved Products seals of the Art an	d Creative Materials Institute's, Inc.are certified in a program of
		ogical Advisory Board, to contain no materials in sufficient quantities to
	ans or cause acute or chronic health problems.	
	Conforms to AS	TM D-4236
This product is not consider	red to be a hazardous substance as defined under OSHA's Ha	zard Communication Standard (29 CFR 1910.1200)
		CIDEC
Eye Contact	4. FIRST AID MEA	SURES
Lyc Contact	Immediately flush with plenty of eater. After initial flushing	, remove any contact lenses and continue flusing for a least 15 minutes.
	Get medical attention immediately if irritation develops and	
Skin Contact	Set medical atomion miniculatory if miniation develops and	persists.
	Wash off immediately with soap and plenty of water. Use a	mild soap if avaliable. Rinse immediately with plenty of water for at lea
	15 minutes. Remove contaminated clothing. If irritation dev	velops, get medical attention.
	•	
Inhalation	-	
Inhalation	-	
	If breathed in, move person into fresh air. If breathing is irreinmediately.	egular or stopped, administer artificial respiration. Get medical attention
	If breathed in, move person into fresh air. If breathing is irre- immediately. If swallowed, DO NOT induce vomiting. Call a physician o unconscious person.	egular or stopped, administer artificial respiration. Get medical attention r Poison Control Center immediately, Never give anything by mouth to
	If breathed in, move person into fresh air. If breathing is irre- immediately. If swallowed, DO NOT induce vomiting. Call a physician of	egular or stopped, administer artificial respiration. Get medical attention r Poison Control Center immediately, Never give anything by mouth to
Ingestion	If breathed in, move person into fresh air. If breathing is irre immediately. If swallowed, DO NOT induce vomiting. Call a physician o unconscious person. 5. Fire Fighting Me	egular or stopped, administer artificial respiration. Get medical attention r Poison Control Center immediately, Never give anything by mouth to asures
Ingestion Extinguishing Media:	If breathed in, move person into fresh air. If breathing is irre- immediately. If swallowed, DO NOT induce vomiting. Call a physician o unconscious person.	egular or stopped, administer artificial respiration. Get medical attention r Poison Control Center immediately, Never give anything by mouth to asures
Ingestion Extinguishing Media: Special Fire Fighting	If breathed in, move person into fresh air. If breathing is irre immediately. If swallowed, DO NOT induce vomiting. Call a physician of unconscious person. 5. Fire Fighting Me Carbon dioxide, dry chemical or foam recommended. Apply	egular or stopped, administer artificial respiration. Get medical attention r Poison Control Center immediately, Never give anything by mouth to asures y water to cool exposed closed containers
Ingestion Extinguishing Media: Special Fire Fighting Procedures:	If breathed in, move person into fresh air. If breathing is irre- immediately. If swallowed, DO NOT induce vomiting. Call a physician of unconscious person. 5. Fire Fighting Me Carbon dioxide, dry chemical or foam recommended. Apply Self contained breathing apparatus (SCBA) and full protect	egular or stopped, administer artificial respiration. Get medical attention r Poison Control Center immediately, Never give anything by mouth to asures y water to cool exposed closed containers ive equipment recommended
Ingestion Extinguishing Media: Special Fire Fighting Procedures: Unusual Fire and	If breathed in, move person into fresh air. If breathing is irre immediately. If swallowed, DO NOT induce vomiting. Call a physician of unconscious person. 5. Fire Fighting Me Carbon dioxide, dry chemical or foam recommended. Apply	egular or stopped, administer artificial respiration. Get medical attention r Poison Control Center immediately, Never give anything by mouth to asures y water to cool exposed closed containers ive equipment recommended
Ingestion Extinguishing Media: Special Fire Fighting Procedures: Unusual Fire and Explosion Hazards:	If breathed in, move person into fresh air. If breathing is irre- immediately. If swallowed, DO NOT induce vomiting. Call a physician of unconscious person. 5. Fire Fighting Me Carbon dioxide, dry chemical or foam recommended. Apply Self contained breathing apparatus (SCBA) and full protect	egular or stopped, administer artificial respiration. Get medical attention r Poison Control Center immediately, Never give anything by mouth to asures y water to cool exposed closed containers ive equipment recommended
Ingestion Extinguishing Media: Special Fire Fighting Procedures: Unusual Fire and Explosion Hazards: Flammability Data:	If breathed in, move person into fresh air. If breathing is irre- immediately. If swallowed, DO NOT induce vomiting. Call a physician of unconscious person. 5. Fire Fighting Me Carbon dioxide, dry chemical or foam recommended. Apply Self contained breathing apparatus (SCBA) and full protect Packaging may be subject to ignition by fire and may release	egular or stopped, administer artificial respiration. Get medical attention r Poison Control Center immediately, Never give anything by mouth to asures y water to cool exposed closed containers ive equipment recommended
Ingestion Extinguishing Media: Special Fire Fighting Procedures: Unusual Fire and Explosion Hazards: Flammability Data: Flash Point:	If breathed in, move person into fresh air. If breathing is irre immediately. If swallowed, DO NOT induce vomiting. Call a physician of unconscious person. 5. Fire Fighting Me Carbon dioxide, dry chemical or foam recommended. Apply Self contained breathing apparatus (SCBA) and full protect Packaging may be subject to ignition by fire and may releas No data	egular or stopped, administer artificial respiration. Get medical attention r Poison Control Center immediately, Never give anything by mouth to asures y water to cool exposed closed containers ive equipment recommended e toxic gases
Ingestion Extinguishing Media: Special Fire Fighting Procedures: Unusual Fire and Explosion Hazards: Flammability Data: Flammability limits:	If breathed in, move person into fresh air. If breathing is irre- immediately. If swallowed, DO NOT induce vomiting. Call a physician of unconscious person. 5. Fire Fighting Me Carbon dioxide, dry chemical or foam recommended. Apply Self contained breathing apparatus (SCBA) and full protect Packaging may be subject to ignition by fire and may releas No data No data No data No data	egular or stopped, administer artificial respiration. Get medical attention r Poison Control Center immediately, Never give anything by mouth to asures y water to cool exposed closed containers ive equipment recommended e toxic gases HMIS Ratings Health 1
Ingestion Extinguishing Media: Special Fire Fighting Procedures: Unusual Fire and Explosion Hazards: Flammability Data: Flammability Data: Flammability limits: Auto-ignition temperature	If breathed in, move person into fresh air. If breathing is irre- immediately. If swallowed, DO NOT induce vomiting. Call a physician of unconscious person. 5. Fire Fighting Me Carbon dioxide, dry chemical or foam recommended. Apply Self contained breathing apparatus (SCBA) and full protect Packaging may be subject to ignition by fire and may releas No data No data No data e: No data	egular or stopped, administer artificial respiration. Get medical attention r Poison Control Center immediately, Never give anything by mouth to asures y water to cool exposed closed containers ive equipment recommended e toxic gases HMIS Ratings Health 1 Flammability 0
Ingestion Extinguishing Media: Special Fire Fighting Procedures: Unusual Fire and Explosion Hazards: Flammability Data: Flammability Data: Flammability limits: Auto-ignition temperature Dust cloud ignition temper	If breathed in, move person into fresh air. If breathing is irre- immediately. If swallowed, DO NOT induce vomiting. Call a physician of unconscious person. 5. Fire Fighting Me Carbon dioxide, dry chemical or foam recommended. Apply Self contained breathing apparatus (SCBA) and full protect Packaging may be subject to ignition by fire and may releas No data No data No data e: No data rature: No data	egular or stopped, administer artificial respiration. Get medical attention r Poison Control Center immediately, Never give anything by mouth to asures y water to cool exposed closed containers ive equipment recommended e toxic gases HMIS Ratings Health 1 Flammability 0 Reactivity 0
Ingestion Extinguishing Media: Special Fire Fighting Procedures: Unusual Fire and Explosion Hazards: Flammability Data: Flammability Data: Flammability limits: Auto-ignition temperature Dust cloud ignition temper	If breathed in, move person into fresh air. If breathing is irre- immediately. If swallowed, DO NOT induce vomiting. Call a physician of unconscious person. 5. Fire Fighting Me Carbon dioxide, dry chemical or foam recommended. Apply Self contained breathing apparatus (SCBA) and full protect Packaging may be subject to ignition by fire and may releas No data No data No data e: No data rature: No data	egular or stopped, administer artificial respiration. Get medical attention r Poison Control Center immediately, Never give anything by mouth to asures y water to cool exposed closed containers ive equipment recommended e toxic gases HMIS Ratings Health 1 Flammability 0 Reactivity 0 Protective Equi A
Ingestion Extinguishing Media: Special Fire Fighting Procedures: Unusual Fire and Explosion Hazards: Flammability Data: Flash Point: Flammability limits: Auto-ignition temperature Dust cloud ignition temper	If breathed in, move person into fresh air. If breathing is irre- immediately. If swallowed, DO NOT induce vomiting. Call a physician of unconscious person. 5. Fire Fighting Me Carbon dioxide, dry chemical or foam recommended. Apply Self contained breathing apparatus (SCBA) and full protect Packaging may be subject to ignition by fire and may releas No data No data No data e: No data rature: No data rature: No data rature: No data	egular or stopped, administer artificial respiration. Get medical attention r Poison Control Center immediately, Never give anything by mouth to asures y water to cool exposed closed containers ive equipment recommended e toxic gases HMIS Ratings Health 1 Flammability 0 Reactivity 0 Protective Equi A Measures
Inhalation Ingestion Extinguishing Media: Special Fire Fighting Procedures: Unusual Fire and Explosion Hazards: Flammability Data: Flash Point: Flammability limits: Auto-ignition temperature Dust cloud ignition temper Small Spill:	If breathed in, move person into fresh air. If breathing is irre- immediately. If swallowed, DO NOT induce vomiting. Call a physician of unconscious person. 5. Fire Fighting Me Carbon dioxide, dry chemical or foam recommended. Apply Self contained breathing apparatus (SCBA) and full protect Packaging may be subject to ignition by fire and may releas No data No data No data e: No data rature: No data rature: No data	egular or stopped, administer artificial respiration. Get medical attention r Poison Control Center immediately, Never give anything by mouth to asures y water to cool exposed closed containers ive equipment recommended e toxic gases HMIS Ratings Health 1 Flammability 0 Reactivity 0 Protective Equi A Measures
Ingestion Extinguishing Media: Special Fire Fighting Procedures: Unusual Fire and Explosion Hazards: Flammability Data: Flammability Data: Flammability limits: Auto-ignition temperature Dust cloud ignition temper Dust layer ignition temper Small Spill:	If breathed in, move person into fresh air. If breathing is irre- immediately. If swallowed, DO NOT induce vomiting. Call a physician of unconscious person. 5. Fire Fighting Me Carbon dioxide, dry chemical or foam recommended. Apply Self contained breathing apparatus (SCBA) and full protect Packaging may be subject to ignition by fire and may releas No data No data No data e: No data rature: No data rature: No data rature: No data	egular or stopped, administer artificial respiration. Get medical attention r Poison Control Center immediately, Never give anything by mouth to asures y water to cool exposed closed containers ive equipment recommended e toxic gases HMIS Ratings Health 1 Flammability 0 Reactivity 0 Protective Equi A Measures
Ingestion Extinguishing Media: Special Fire Fighting Procedures: Unusual Fire and Explosion Hazards: Flammability Data: Flammability Data: Flammability limits: Auto-ignition temperature Dust cloud ignition temper Dust layer ignition temper	If breathed in, move person into fresh air. If breathing is irre- immediately. If swallowed, DO NOT induce vomiting. Call a physician of unconscious person. 5. Fire Fighting Me Carbon dioxide, dry chemical or foam recommended. Apply Self contained breathing apparatus (SCBA) and full protect Packaging may be subject to ignition by fire and may releas No data No data No data e: No data rature: No data rature: No data for the set of the set 	egular or stopped, administer artificial respiration. Get medical attention r Poison Control Center immediately, Never give anything by mouth to asures y water to cool exposed closed containers ive equipment recommended e toxic gases <u>HMIS Ratings Health 1</u> Flammability 0 <u>Reactivity 0</u> Protective Equi A <u>Measures</u> ppriate waste containers for disposal <u>opriate waste containers for disposal</u>
Ingestion Extinguishing Media: Special Fire Fighting Procedures: Unusual Fire and Explosion Hazards: Flammability Data: Flammability Data: Flammability limits: Auto-ignition temperature Dust cloud ignition temper Dust layer ignition temper	If breathed in, move person into fresh air. If breathing is irre- immediately. If swallowed, DO NOT induce vomiting. Call a physician of unconscious person. 5. Fire Fighting Me Carbon dioxide, dry chemical or foam recommended. Apply Self contained breathing apparatus (SCBA) and full protect Packaging may be subject to ignition by fire and may releas No data No data No data e: No data rature: No data rature: No data construction of the spilled material into approx Sweep or wipe up material. Place spilled material into approx	egular or stopped, administer artificial respiration. Get medical attention r Poison Control Center immediately, Never give anything by mouth to asures y water to cool exposed closed containers ive equipment recommended e toxic gases <u>HMIS Ratings Health 1</u> <u>Flammability 0 Reactivity 0 Protective Equi A</u> <u>Measures</u> ppriate waste containers for disposal <u>opriate waste containers for disposal</u>
Ingestion Extinguishing Media: Special Fire Fighting Procedures: Unusual Fire and Explosion Hazards: Flammability Data: Flash Point: Flammability limits: Auto-ignition temperature Dust cloud ignition temper Dust layer ignition temper Small Spill: Large Spill:	If breathed in, move person into fresh air. If breathing is irre- immediately. If swallowed, DO NOT induce vomiting. Call a physician of unconscious person. 5. Fire Fighting Me Carbon dioxide, dry chemical or foam recommended. Apply Self contained breathing apparatus (SCBA) and full protect Packaging may be subject to ignition by fire and may releas No data No data No data e: No data rature: No data rature: No data for the set of the set 	egular or stopped, administer artificial respiration. Get medical attention r Poison Control Center immediately, Never give anything by mouth to asures y water to cool exposed closed containers ive equipment recommended e toxic gases <u>HMIS Ratings Health 1</u> Flammability 0 <u>Reactivity 0</u> Protective Equi A <u>Measures</u> ppriate waste containers for disposal <u>opriate waste containers for disposal</u>
Ingestion Extinguishing Media: Special Fire Fighting Procedures: Unusual Fire and Explosion Hazards: Flammability Data: Flammability Data: Flammability limits: Auto-ignition temperature Dust cloud ignition temper Dust layer ignition temper Small Spill:	If breathed in, move person into fresh air. If breathing is irre- immediately. If swallowed, DO NOT induce vomiting. Call a physician of unconscious person. 5. Fire Fighting Me Carbon dioxide, dry chemical or foam recommended. Apply Self contained breathing apparatus (SCBA) and full protect Packaging may be subject to ignition by fire and may releas No data No data No data e: No data rature: No data rature: No data 6. Accidental Release Sweep or wipe up material. Place spilled material into appro- Sweep or wipe up material. Place spilled material into appro- 7. Handling and St Contents will stain. The use of smocks and gloves to protect	egular or stopped, administer artificial respiration. Get medical attention r Poison Control Center immediately, Never give anything by mouth to asures y water to cool exposed closed containers ive equipment recommended e toxic gases <u>HMIS Ratings Health 1</u> Flammability 0 <u>Reactivity 0</u> Protective Equi A <u>Measures</u> ppriate waste containers for disposal <u>opriate waste containers for disposal</u>

Engineering Controls: Personal protection: Physical State: Appearance: Color: Odor: pH: Specific gravity: Bailing points		8. Exposure Controls/Personal Protection		
Personal protection: Physical State: Appearance: Color: Odor: pH: Specific gravity:				
Physical State: Appearance: Color: Odor: pH: Specific gravity:		cal ventilation is recommended		
Physical State: Appearance: Color: Odor: pH: Specific gravity:	No special ski	in protection required. Wash skin if irritation is experienced. Eye protection is recommended		
Appearance: Color: Odor: pH: Specific gravity:	110 special sid	9. Physical and Chemical Properties		
Appearance: Color: Odor: pH: Specific gravity:	Solid			
Color: Odor: pH: Specific gravity:	Chalk Stick			
pH: Specific gravity:	Various Color	rs		
Specific gravity:	No Odor			
	No Data			
	No Data			
Boiling point:	No Data			
Freezing/melting point:	No Data			
Evaporation rate:	No Data			
Solubility:	No Data			
Volatility:	No Data			
		10. Stability and Reactivity		
General:	This product i	is stable and hazardous polymerization will not occur		
Incompatibility:	None known			
Hazardous decomposition:	As with all bu	Irning organic matter, carbon monoxide and other toxic fumes may be released		
		11. Toxicological Information		
Acute/Chronic Toxicity,		ing the CP Certified Products or AP Approved products seals of the Art and Creative Material's Instit		
Carcinogenicity,	a program of toxicological evaluation by a medical expert, subject to review by the Institute's Toxicological Advisory Board to			
Mutagenicity	contain no ma	aterials in sufficient quantities to be toxic or injurious to humans or cause acute or chronic health prol	blems. Conforms t	
induagementy	ASTM D-423			
		12. Ecological Information		
This product has not been ev	valuated for ov			
13. Disposal Considerations				
Contain and place in approved container. Dispose of per Local, State, and Federal regulations				
		14. Transportation Information		
DOT Classification:	Not Regulated		Not Regulated	
TDG Classification:	Not Regulated		Not Regulated	
ADR/RID Classification:	Not Regulated		Not Regulated	
		15. Regulatory Information		
OSHA Hazard Communic	ation Status	This product is not considered to be a hazardous substance under OSHA's Federal Hazard Communi Standard 29 CFR 1910.1200	ication	
Torio Substances Control	A at (TECA)	All incredients of this material has been concreded to the UC DDA and any included in the TCCA is	atom	
Toxic Substances Control . Status	ACI (13CA)	All ingredients of this material has been reported to the US EPA and are included in the TSCA inver-		
		16. Other Information		
For further product safety	information (call: 800-824-9430 Validated and Verified by Dixe October 26,20	-	

This information contained herein is based on data considered accurate. However no warranty is expressed or implied regarding the accuracy of these data or results obtained from the use thereof. Dixon Ticonderoga company assumes no responsibility for personal damage caused by the product. Users assume all risks associated with use.

DIXON



NON-HARDENING MODELING CLAY Issue date: 11/14/2012 SDS ID: 00141112 Revision Date: ---

* * * Section 1 – PRODUCT AND COMPANY IDENTIFICATION * * *

NON-HARDENING MODELING CLAY **Product Name:** SARGENT ART, INC Phone: 1-800-424-3596 100 East Diamond Ave. Health Emergency – Call local Poison Control Center Hazleton, PA 18201 www.sargentart.com Primary Assorted Modeling Clay; Pastel Assorted Modeling Clay; Synonyms: Natural Assorted Modeling Clay; Earth Tone Assorted Modeling Clay; Color of My Friends Assorted Modeling Clay: Primary Colors Modeling Clay: Art-Time Assorted Modeling Clav. 22-4400, 22-4005; 22-4007; 22-4009; 22-4044; 22-4000; 22-4002; 22-4014; **Product Codes:** 22-4020; 22-4029; 22-4030; 22-4042; 22-4050; 22-4066; 22-4084; 22-4085; 22-4088; 22-4096; 22-7600; 22-7630; 22-7666; 22-7684; 22-7688; 22-7696; 22-7700; 22-7730; 22-7766; 22-7784; 22-7788; 22-7796; 22-1100; 55-3300. Product Use: Arts and Crafts * * * Section 2 – HAZARD(S) IDENTIFICATION * * *

EMERGENCY OVERVIEW

Color: various colors Physical Form: solid Odor: odorless

POTENTIAL HEALTH EFFECTS

Inhalation: none Skin Contact: none Eye Contact: none Ingestion: none

* * * Section 3 – COMPOSITION / INFORMATION ON INGREDIENTS * * *

CAS	Component	Percent	Symbol	Risk Phrase(s)
Not Available	Product has been certified as non-toxic by the US Board Certifies Toxicologist and Conforms to ASTM D-4236 standard practice for Labeling Art Materials for acute and chronic adverse health hazards.	100		

* * * Section 4 – FIRST AID MEASURES * * *

Inhalation



NON-HARDENING MODELING CLAY Issue date: 11/14/2012

SDS ID: 00141112 Revision Date: ---

It is unlikely that emergency treatment will be required. Remove from exposure. Get medical attention, if needed. **Skin**

It is unlikely that emergency treatment will be required. If adverse effects occur, wash with soap or mild detergent and large amounts of water. Get medical attention, if needed.

Eyes

It is unlikely that emergency treatment will be required. Wash with large amounts of water or normal saline until no evidence of chemical remains (at least 15-20 minutes). Get medical attention immediately.

Ingestion

Contact local poison control center or physician immediately.

* * * Section 5 – FIRE FIGHTING MEASURES * * *

See Section 9 for Flammability Properties

NFPA Ratings: Health: 1 Fire: 1 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe **Flammable Properties** Slight fire hazard. **Extinguishing Media** Regular dry chemical, carbon dioxide, water, regular foam **Fire Fighting Measures**

Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion byproducts.

* * * Section 6 – ACCIDENTAL RELESE MEASURES * * *

Occupational spill/release

Collect spilled material in appropriate container for disposal.

* * * Section 7 – HANDLING AND STORAGE * * *

Handling Procedures

Use methods to minimize dust.

Storage Procedures

Store and handle in accordance with all current regulations and standards. See original containers for storage recommendations. Keep separated from incompatible substances.

* * * Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION * * *

Component Exposure Limits

ACGIH and EU have not developed exposure limits for any of this product's components.

Ventilation

Based on available information, additional ventilation is not required.

PERSONAL PROTECTIVE EQUIPMENT

Eyes/Face

Eye protection not required under normal conditions. **Protective Clothing**



NON-HARDENING MODELING CLAY Issue date: 11/14/2012

SDS ID: 00141112 Revision Date: ---

Protective clothing is not required under normal conditions.

Glove Recommendations

Protective gloves are not required under normal conditions.

Respiratory Protection

No respirator is required under normal conditions of use.

Under conditions of frequent use or heavy exposure, respiratory protection may be needed.

* * * Section 9 – PHYSICAL AND CHEMICAL PROPERTIES * * *

Appearance: Physical State: Physical Form: Color: Odor: Odor Threshold: pH: Melting Point: Freezing Point: Boiling Point: Viscosity: Solid Solid Solid Assorted colors Odorless Not available Not available Not available Not available Not available Not available Not available

Flash Point: Not available Flammability: Not available Vapor Pressure: Not available Vapor Density (air=1): Not available Evaporation Rate: Not available **Specific Gravity:** Not available **Density:** Not available Water Solubility: Not available Coeff.Water/Oil Dist: Not available Volatility: Not available

*** Section 10 - STABILITY AND REACTIVITY ***

Chemical Stability

Stable at normal temperatures and pressure. Conditions to Avoid None reported. Materials to Avoid Oxidizing materials. Decomposition Products Oxides of carbon. Possibility of Hazardous Reactions Will not polymerize.

* * * Section 11 – TOXICOLOGICAL INFORMATION * * *

Component Analysis – LD50/LC50

The components of this material have been reviewed in various sources and no selected endpoints have been identified.

RTECS Acute Toxicity (selected)

The components of this material have been reviewed and RTECS publishes no data as of the date on this document.

Component Carcinogenicity

None of this product's components are listed be ACGIH, IARC, or DFG.

RTECS Irritation

The components of this material have been reviewed and RTECS publishes no data as of the date on this document.



NON-HARDENING MODELING CLAY Issue date: 11/14/2012 SDS ID: 00141112 Revision Date: ---

* * * Section 12 - ECOLOGICAL INFORMATION * * *

Component Analysis – Aquatic Toxicity

No LOLI ecotoxicity data is available for this product's components.

* * * Section 13 – DISPOSAL CONSIDERATION * * *

Disposal Methods Dispose in accordance with all applicable regulations. **Component Waste Numbers** The U.S. EPA has not published waste numbers for this product's components.

* * * Section 14 – TRANSPORT INFORMATION * * *

US DOT Information: TDG Information:	Not Regulated. Not Regulated.
ADR Information:	Not Regulated.
RID Information:	Not Regulated.
IATA Information:	Not Regulated.
ICAO Information:	Not Regulated.
IMDG Information:	Not Regulated.

* * * Section 15 - REGULATORY INFORMATION * * *

U.S. Federal Regulations

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 311/312 (40 CFR 370.21), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

SARA Section 311/312 (40 CFR 370 Subparts B and C)

Acute Health: No Chronic Health: No Fire: No Pressure: No Reactive: No U.S. State Regulations

None of this product's components are listed on the state lists from CA, MA, MN, NJ or PA.

Not regulated under California Proposition 65

Canada

This product has been classified in accordance with the criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

WHMIS CLASSIFICATION: Not a Controlled Product under Canada's Workplace Hazardous Material Information System.

Component Analysis – Inventory

No information is available.

* * * Section 16 - OTHER INFORMATION * * *



NON-HARDENING MODELING CLAY Issue date: 11/14/2012

SDS ID: 00141112 Revision Date: ---

Allergens:

This product do not contain common allergens such as latex, eggs, milk, wheat, gluten, soy, sunflower or other seads, tree nuts, and peanuts.

Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR – European Road Transport; AU – Australia; BOD – Biochemical Oxygen Demand; C – Celsius; CA – Canada; CAS – Chemical Abstracts Service; CERCLA – Comprehensive Environmental Response, Compensation, and Liability Act: CN – China: CPR – Controlled Products Regulations; DFG – Deutsche Forschungsgemeinschaft; DOT – Department of Transportation; DSL – Domestic Substances List; EEC – European Economic Community; EINECS – European Inventory of Existing Commercial Chemical Substances; EPA – Environmental Protection Agency; EU – European Union; F – Fahrenheit; IARC – International Agency for Research on Cancer; IATA – International Air Transport Association; ICAO – International Civil Agency Organization; IDL – Ingredient Disclosure List; IDLH – Immediately Dangerous to Life and Health; IMDG – International Maritime Dangerous Goods; JP – Japan; Kow – Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LOLI - List Of Lists -ChemADVIUSOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL -Maximum Exposure Limits: NFPA – National Fire Protection Agency: NIOSH – National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand: OSHA – Occupational Safety and Health Administration: PH Philippines: RCRA – Resource Conservation and Recovery Act; RID - European Rail Transport; RTECS - Registry of Toxic Effects of Chemical Substances; SARA – Superfund Amendments and Reauthorization Act; STEL – Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL – Upper Explosive Limit; US – United States.

Disclaimer

This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.