





# LABORATORIES

## \*\*\*\*\*SAFETY DATA SHEET\*\*\*\*\*

1. PRODUCT INFORMATION					
1.1	<b>Product Name:</b> ROOT CONCEALER – ALL COLORS C (AUBURN/RED); E (DARKEST BROWN/BLACK)				
1.2	<b>Product Identification:</b> 210-44C (TEM-99-101Z60), 210-44E (TEM-99-105Z60)				
1.3	<b>Recommended Use / Product Use:</b> Hair Care				
1.4	<b>Manufacturer's Name:</b> 2-2-0 LABORATORIES Inc.				
1.5	<b>Manufacturer's Address:</b> 2375 Third St, Riverside, CA 92507				
1.6	<b>Business Phone:</b> TEL: (951) 683-2912 FAX: (951) 683-0952				
1.7	<b>Emergency Phone:</b> Chemtrec (24 hours) 1-800-424-9300 (Toll-Free in the USA) For international calls: 011-703-527-3887 (Collect calls are accepted) Contract # CCN5*				
2. HAZARDOUS INGREDIENT INFORMATION					
SECTION 2.1					
Classification: Flammable Liquid					
Category		Criteria			
Category 3  Signal Word: Warning  Hazard Statement: H226 Flammable liquid and vapor  Packing Group: III		Flash point $\geq 23^{\circ}\text{C}$ ( $73.4^{\circ}\text{F}$ ) and $\leq 60^{\circ}\text{C}$ ( $140^{\circ}\text{F}$ )  			
2.2	HEALTH	ENVIRONMENTAL		PHYSICAL	
	There is no data on the product itself = ND			There is no data on the product itself = ND	
3. COMPOSITION/INFORMATION ON INGREDIENTS: <i>Mixture / CBI</i>					
<b>NOTE:</b> For information on ingredients, the competent authority rules for CBI take priority over the rules for product identification.					
CHEMICAL IDENTITY		CAS #	EINECS#	% (In Total Formula)	FLASHPOINT
HEXAMETHYLDISILOXANE		107-46-0	203-492-7	12 - 18	-1°C (30.2°F)
OTHER		VOC exempt			
3.1	Impurities and stabilizing additives which are themselves classified and which contribute to the classification of the substance.				



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None present		
3.2	<ul style="list-style-type: none"><li>Mixture: The chemical identity and concentration or concentration ranges of all ingredients which are hazardous within the meaning of the GHS and are present above their cut-off levels.</li><li>Cut-off level for reproductive toxicity, carcinogenicity and category 1 mutagenicity is <sup>3</sup> 0.1%</li></ul> <p>Cut-off level for all other hazard classes is <sup>3</sup> 1%</p> <p><b>NOTE:</b> For information on ingredients, the competent authority rules for CBI take priority over the rules for product identification.</p>	
NONE PRESENT		
4. FIRST AID MEASURES		
4.1	<b>First Aid:</b>	
	INGESTION:	Drink enough water to dilute. Consult physician immediately Flush eyes with plenty of water to ensure complete flushing. If irritation persists, seek medical attention
	EYES:	attention
	SKIN:	Wash thoroughly with mild soap and water. If irritation persists, seek medical attention
	INHALATION:	Remove victim to fresh air at once. If breathing is difficult, seek medical attention
4.2	<b>Medical Conditions Aggravated by Exposure:</b> Pre-existing respiratory and skin disorder	
5. FIREFIGHTING MEASURES		
5.1	<b>Extinguishing Methods: (suitable and unsuitable)</b>	CO <sub>2</sub> , Foam, Dry Chemical, and Water Spray
5.2	<b>Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products).</b>	Closed containers exposed to excessive heat are not expected to rupture. Do not crush or puncture containers.
5.3	<b>Special protective equipment and precautions for firefighters.</b>	Fire should be fought from a safe distance. Firefighters should wear full face, self-contained breathing apparatus.
6. ACCIDENTAL RELEASE MEASURES		
6.1	<b>Personal precautions, protective equipment and emergency procedures:</b>	Depending on extent of release, consider the need for fire fighters/emergency responders with adequate personal protective equipment for cleaning up. Do not eat, drink, or smoke while cleaning up.
6.2	<b>Ventilation</b>	Use with adequate ventilation
6.3	<b>Respiratory</b>	None required, when used with adequate ventilation
6.4	<b>Environmental Precautions:</b>	Do not dispose of product into storm drains or waterways.
6.5	<b>Methods and materials for containment and cleaning up.</b>	Exclude sources of ignition and ventilate the area. Avoid breathing vapors. Refer to protective measures in section 7 and 8. Product is packed in aerosol containers. Dispose of any leaking aerosols per site instructions after placing in safe fireproof containers with leaking material absorbed by earth or other non-flammable absorbent.
7. HANDLING & STORAGE INFORMATION		
7.1	<b>Precautions for Safe Handling:</b>	Wash hands thoroughly after using this product and before eating, drinking, or smoking.
7.2	<b>Conditions for safe storage, including any incompatibilities.</b>	Keep away from excessive heat, open flames, sparks, and other possible source of ignition. Do not store in damaged or unmarked containers or storage devices. For warehouse storage, pallets and cases should be placed to avoid damage or rupture from material handling equipment. With use, spray aerosol carefully and cap after each use.



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8. EXPOSURE CONTROLS & PERSONAL PROTECTION									
8.1	Control parameters, e.g., occupational exposure limit values or biological limit values.								
8.2	Appropriate engineering controls.								
8.3	Personal Protective Equipment: None required under normal conditions of use. When handling large quantities (e.g., $\geq 1$ gallon), wear protective eyeglasses, gloves, boot, and apron per OSHA regulations (29 CFR 1910.133)								
CHEMICAL IDENTITY		CAS #	EINECS#	EXPOSURE LIMITS IN AIR		OTHER			
				TLV ppm	PEL ppm				
Hexamethyldisiloxane		107-46-0	203-492-7	N/A	200	PEL TWA			
9. PHYSICAL & CHEMICAL PROPERTIES - TENTATIVE									
ND = NO DATA / N/A = NOT APPLICABLE									
9.1	Appearance: (physical state, color, etc.)			Opaque, viscous cream					
9.1a	Color			C (AUBURN/RED), D (BROWN/BLACK)					
9.1b	Specific Gravity:			<1.0					
9.1c	Viscosity:			5,000 – 1,000 cPs					
9.2	Odor			To Match Standard					
9.3	Odor Threshold			To Match Standard					
9.4	pH:			N/A					
9.5	Melting point/freezing point			No data available					
9.6	Initial Boiling Point and Boiling Range:			No data available					
9.7	Flashpoint:			Flash point $\geq 23^{\circ}\text{C}$ ( $73.4^{\circ}\text{F}$ ) and $\leq 60^{\circ}\text{C}$ ( $140^{\circ}\text{F}$ )					
9.8	Evaporation Rate			No data available					
9.8	Flammability: solid/gas			Liquid					
9.9	Upper/lower flammability or explosive limits			N/A					
9.10	Vapor pressure			N/A					
9.11	Vapor density			N/A					
9.12	Relative density			See Specific Gravity					
9.13	Solubility(ies)			WATER					
9.14	Partition coefficient: n-octanol/water			No Data Available					
9.15	Autoignition temperature			N/A					
9.16	Decomposition temperature			N/A					
10. STABILITY & REACTIVITY									
10.1	Chemical Stability:			Stable under normal conditions of use					
10.2	Possibility of hazardous reactions:			Hazardous polymerization will not occur.					
10.3	Conditions to Avoid:			Use or storage near open flames, sparks, high heat ( $>100^{\circ}\text{F}$ ) or other heat sources					
10.5	Incompatible Substances:			Strong oxidizing agents					
10.2	Hazardous Decomposition Products:			Irritating vapors and toxic gases are not expected to occur when involved in fire					
11. TOXICOLOGICAL INFORMATION									
11.1	Types of Exposure:								
	ROUTES OF EXPOSURE:	Skin	X	Inhalation	X	Eyes	X	Ingestion	X
	HEALTH EFFECTS OF EXPOSURE:			IMMEDIATE				CHRONIC	
	INGESTION:			May cause gastrointestinal irritation				Seek medical attention if symptoms persist	



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EYES:	Liquid and vapor may cause mild to severe eye irritation.	Seed medical attention if symptoms persist
SKIN:	Repeated contact may cause irritation and drying of the skin.	Seed medical attention if symptoms persist

**12. ECOLOGICAL INFORMATION****12.1** VOC = N/A**12.2** Eco-toxicity (aquatic and terrestrial, where available). Persistence and degradability. Bio-accumulative potential. Mobility in soil. Other adverse effects: There is no data available on the product itself.**12.3** The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface water.**13. DISPOSAL CONSIDERATIONS****13.1** Dispose of in accordance with federal, state or local regulations.**14. TRANSPORTATION INFORMATION**

**14.1 SHIPPING NAME:** 49CFR (GND) CONSUMER COMMODITY, ORM-D ( $\leq 1.0L$ )  
or  
Regulated 49CFR (GND) UN1993, Flammable liquid, n.o.s. (Hexamethyldisiloxane) 3, PG III  
or  
Regulated 49CFR (GND) UN1993, Flammable liquid, n.o.s. (Hexamethyldisiloxane) 3, PG III "LTD QTY"  
or  
Regulated IATA (AIR) UN1993, Flammable liquid, n.o.s. (Hexamethyldisiloxane) 3, PG III  
or  
Regulated IATA (AIR) UN1993, Flammable liquid, n.o.s. (Hexamethyldisiloxane) 3, PG III "LTD QTY"  
or  
IATA (AIR) ID 8000, CONSUMER COMMODITY, 9  
or  
Regulated IMDG (OCN) UN1993, Flammable liquid, n.o.s. (Hexamethyldisiloxane) 3, PG III  
or  
Regulated IMDG (OCN) UN1993, Flammable liquid, n.o.s. (Hexamethyldisiloxane) 3, PG III "LTD QTY"

CHOOSE FROM THE FOLLOWING:

**14.2** HAZCHEM CODE: Regulated**14.3** MARINE POLLUTANT: N 49 CFR Appendix B Section 172.101**15. REGULATORY INFORMATION****15.1** Contents of this MSDS comply with the OSHA Hazard Communication Standard CFR 1910.1200: *The Globally Harmonized System of Classification and Labelling of Chemicals* (GHS)**15.2 EPA SARA Title III Chemical Listings**

Section 302 Extremely Hazardous Substances: None

Section 304 CERCLA Hazardous Substances: None

Section 313 Toxic Chemicals: None present or none present in regulated quantities.

**15.3** California Proposition 65: No reportable components**15.4** Contents of this MSDS comply with the OSHA Hazard Communication Standard CFR 1910.1200UN GHS: Globally Harmonized System of Classification and Labelling of Chemicals (GHS) ("The Purple Book"), United Nations, 2005 First Revised Edition, available online or from United Nations Publications. UN GHS websiteUSA: Federal Hazardous Materials Transportation Law (49 U.S.C. 5101 *et seq.*).



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	USA: OSHA Hazard Communication Standard 29 CFR 1910.1200.
	DOT: U.S. DOT, 49 CFR Part 173, Subpart D.
<b>16. OTHER INFORMATION including information on preparation and revision of the SDS</b>	
<b>16.1</b>	<b>Version: 1</b> <b>Revision: 1 (ADDED 99#s to section 1.2)</b> <b>Date: 2016-04-20; 2016-05-16</b> <b>Author/Initials: Victoria C. Voss / V.C.V.</b>
<b>16.2</b>	<b>Disclaimer:</b> This Safety Data Sheet is offered pursuant to <b>Globally Harmonized System<sup>2</sup>(GHS)</b> ; OSHA's Hazard Communication Standard, 29 CFR § 1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of 2-2-0 Laboratories Inc.'s knowledge, the information contained herein is reliable and accurate as of the date issued; however, accuracy, suitability or completeness are not guaranteed and no warranties of any type, either expressed or implied, are provided.
	<b>Definitions:</b> <b>Flammable liquid</b> means a liquid having a flash point of not more than 93°C. Substances and mixtures of this hazard class are assigned to one of four hazard categories on the basis of the flash point and boiling point (See Table 3.3). Flash Point is determined by closed cup methods as provided in the GHS document, Chapter 2.5, paragraph 11. <b>Mixture</b> means a mixture or a solution composed of two or more substances in which they do not react. <b>CBI</b> means "confidential business information".