

SAFETY DATA SHEETS

This SDS packet was issued with item:

071025535

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

070362194



149 N. Maple St. Corona, CA. 92880

Date: February 11, 2014
Prepared by Phillip G. Pitts

Former date: April 11, 2007
Reviewed by Phillip G. Pitts Sr.

1. IDENTIFICATION OF THE CHEMICAL AND OF MANUFACTURER, IMPORTER OR OTHER UNDERTAKING	
1.1	Identification of the substance or preparation
Trade name: Indenco Fluorescent Cad Spray Glazes, AEROPaque Zircon Spray liners, AEROPaque Titanium Ceramic Bonding System and PFM AEROPaque	
Code of the preparation: CE0510	
1.2	Use of the chemical
1.2.1	The intended use of this aerosol is in dental maintenance.
1.2.2	Standard industrial classification: 3291
1.2.3	Use category: Ceramic powder
1.2.4	The chemical is for professional use only.
1.2.5	The chemical is not used by the general public.
1.3	Identification of the manufacture, importer or other undertaking
1.3.1	Manufacturer, importer, or other undertaking Enamelite™ LLC Distributed by, Indenco Dental Products Inc. 1753B Alpine Drive Clarksville, TN, USA 37040
1.3.2	Supplier information: Indenco Dental Products, Inc. Corona, CA. 92880
1.3.3	CeraGroup Industries 5600 NW 12 th Ave Fort Lauderdale ,FL 33309
1.3.4	Honeywell Fluorine Products Europe B.V. Laaderhoogtweg 18 1101 EA Amsterdam The Netherlands
1.3.3	Information on foreign manufacture Enamelite™ LLC 1753B Alpine Drive Clarksville, TN, USA 37040 931-647-7171 Telephone 931-647-1198 Fax
1.4	Emergency telephone
1.4.1	FOR CHEMICAL EMERGENCY OR INGESTION, CALL INFOTRAC (USA) 1-800-535-5053 OR INTERNATIONAL CALL COLLECT 1-352-323-3500

2. COMPOSITION AND INFORMATION ON INGREDIENTS				
2.1 Hazardous Ingredients				
2.1.1	2.1.2	2.1.3	2.1.4	
CAS #	EINECS No	Name	%	Warning/ Risk phrases
12001-21-7		Dental Porcelain		Prop. R20/21, R36/37/38
64-17-5	200-661-7	SDA 38-B Ethanol		Prop. R11, R36/3738
29118-24-9		Honeywell 1234ze		
Percentages of ingredients are proprietary				

2.1.5	Confidential ingredients: None.
2.1.6	Substances not dangerous listed as confidential: None
2.1.7	Other information: None

3. HAZARDOUS IDENTIFICATION

Human

Keep children away from this product. If ingested may cause irritation to the mucous membranes, produce a headache and drowsiness and irritate the eyes. Prolonged exposure to product may cause dryness and cracking of the skin. Product should not cause problems upon ingestions, rinse mouth out with one to two glasses of water. Avoid contact with strong oxidizing agents, bases, amines and aldehydes.

Safety

Aerosol is classified as flammable. Avoid the use of product around open flames and be aware of static discharge. Avoid prolonged exposure to sunlight.

Ecological

Environmentally sound, no ozone depleting chemicals.

4. FIRST AID MEASURES

- 4.1 Special instructions for ingestion wash out mouth with one to two glasses of water; do not induce vomiting; seek medical attention.
- 4.2 In the case of exposure to the eyes, wash with water for 15 minutes, if irritation persists, seek medical attention.
- 4.3 Inhalation exposure, remove to fresh air, may cause headaches, drowsiness. If trouble with breathing persists, seek medical attention.
- 4.4 Skin contact wash skin with soap and water, if irritation persists seek medical attention.

5. FIRE-FIGHTING MEASURES

- 5.1 Suitable extinguishing media for the surrounding fire. Please use dry powder, foam and a water spray.
- 5.2 Avoid excess use of water as extinguishing media to avoid environmental run-off.
- 5.3 Special exposure hazards in fire will be oxides of carbon and nitrogen.
- 5.4 Self-contained breathing apparatus (SCBA) with full protective bunker gear for fire-fighters.
- 5.4 Other instructions this product is unlikely to support combustion due to large quantities of water in the product.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions needed are wearing proper PPE and the product may make floor surface slippery.
- 6.2 Please keep product out of drains and waterways to protect the environment.
- 6.3 Contain the spill, collect spill in an absorbent material such as "kitty litter" or other inert material, place in plastic pail or drum for disposal and notify regulatory authorities.
- 6.4 Do not mix this product with other waste materials.

7. HANDLING AND STORAGE

- 7.1 Store product in cool, dry place. Do not store close to strong oxidising agents which could aggravate a fire situation.
- 7.2 Store in plastic, plastic lined containers keep tightly sealed.
- 7.3 Avoid excessive heat. Store below 50 °C.
- 7.4 Avoid prolonged exposure to sunlight.
- 7.5 Keep away from children, food, feed and domestic animals.
- 7.6 After application, make sure to remove the PPE and wash your hands before eating or drinking liquids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1	Exposure limit values			
8.1.1	No HTP values established			
8.1.2	EH40/99	2- ethanol	OES(8 hour TWA UK)	999 mg/m ³
8.1.3	Other countries	2- ethanol	OSHA(8 hour TWA USA)	500 mg/m ³
		2- ethanol	MAK (8 hour TWA)	980 mg/m ³
		2- ethanol	ASTL (8 hour TWA)	500 mg/m ³

- 8.1.4 Exposure controls: Avoid long term inhalation of dust/mist as it may be a mild irritant.
- 8.1.5 Avoid contact with eyes, skins or clothes. Avoid clothing that could cause static discharge, the working environment should be designed to minimize worker exposure.
- 8.1.6 Provide adequate ventilation. Respiratory protection recommended. Particulate and dust/mist face mask may be adequate.
- 8.1.7 Impervious gloves recommended.
- 8.1.8 Chemical safety glasses recommended.
- 8.1.9 Protective coveralls and rubber soiled boots recommended.
- 8.1.10 Environmental exposure controls

9 *PHYSICAL AND CHEMICAL PROPERTIES*

9.1 General information (physical state, color and odour) this product is a powder with varying color and no odour.

9.2 Important health, safety and environmental information

9.2.1	pH	Not applicable
9.2.2	Flash point	48.9 °C: Product is flammable.
9.2.3	Explosive properties	If a dust is created possible explosive hazard.
9.2.4	Oxidizing properties	Avoid contact with oxidizing agents.
9.2.5	Vapor density (torr)	1600 at 21 °C
9.2.6	Specific gravity:	2.7
9.2.7	Water solubility	Slightly in water

9.3 Other information None

10 *STABILITY AND REACTIVITY*

- 10.1 Avoid contact with strong oxidizing agents.
 - 10.2 Avoid ignition sources, sparks or open flames. Do not store above 50 °C.
 - 10.3 Hazardous decomposition products in fire situation are oxides of carbon and nitrogen.
-

11 *TOXICOLOGICAL INFORMATION*

- 11.1 Oral LD not established
 - 11.2.1 May cause irritation to eyes, skin, mouth and upper respiratory tract.
 - 11.2.2 The product is mildly acidic.
 - 11.3 Sub-acute, sub-chronic and prolonged toxicity have not been determined
 - 11.4 Not classified as "Harmful if swallowed".
 - 11.5 Silicate glass is a know carcinogen.
 - 11.6 Other information on health effects: Inhalation of the dust/mist may cause irritation of the nose and upper respiratory tract.
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12 *ECOLOGICAL INFORMATION*

- 12.1 This product is environmentally sound.
 - 12.1.1 Avoid large quantities in the streams and waterways.
 - 12.1.2 The impact on other organisms has not been determined.
 - 12.2 This product environmentally sound. Do not throw aerosol container into open fire.
 - 12.3 This product is not persistent accumulator in the environment.
 - 12.3.1 This product is environmentally sound.
 - 12.4 This product has very low bioaccumulation potential.
 - 12.5 Other adverse effects: None know at this time.
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13 *DISPOSAL CONSIDERATIONS*

Dispose in accord with National Regulations.
Please seek advice from the local authorities.
Do no mix with other waste materials.

14 *TRANSPORTATION INFORMATION*

- 14.1 UN number: UN1950
 - 14.2 Packing group: None
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14.3	Land transport	
14.3.1	Transport class:	Class 2.2
14.3.2	Risk code:	Aerosol
14.3.3	Name according to bill of freight:	Enamelite Ceramic Products
14.3.4	Other information:	Alcohols, N.O.S. (ETHANOL) and isobutene are components. the flammable
14.4	Sea transport	
14.4.1	IMDG class:	Class 2.2
14.4.2	Correct technical name:	Alcohols, N.O.S. (ETAHNOL)
14.4.3		1,3,3,- Tetrafluoroprop-1-ene,
14.4.4	Other information:	None
14.5	Air transport	
14.5.1	ICAO/IATA class:	Class 2.2
14.5.2	Correct technical name:	Alcohols, N.O.S. (ETHANOL)
14.5.3		1,3,3,- Tetrafluoroprop-1-ene,
14.5.4	Other information:	None
15	REGULATORY INFORMATION	
15.1	Information on the warning label:	Keep out of reach of children. Wear proper PPE during application. Thoroughly ventilate treatment area prior to re-entry and/or re-occupancy.
15.1.1	Letter code on warning symbol and indications of danger for the product.	
15.1.2	Names of the ingredients given on the label:	Ceramic powder, isopropyl alcohol, environmentally approved propellant.
15.2	R phrases:	R10, R20/21/22, R66, R67
15.3	S phrases:	S2, S3, S16, S24/25, S36/37/38, S61
15.4	SARA Title 313, Toxic Chemicals :	None
15.5	Section 302-304 (30 CFR Part 350) :	None
15.6	Extremely hazardous substance (EHS):	None
15.7	RCRA hazardous waste:	None
15.8	Prop 65:	Silicate glass - carcinogen
15.9	SARA Hazard Notification Reporting	
	Immediate <input type="checkbox"/> Y <input type="checkbox"/> Fire <input type="checkbox"/> Y <input type="checkbox"/>	Sudden Release of Pressure <input type="checkbox"/> Y <input type="checkbox"/>
	Delayed <input type="checkbox"/> Y <input type="checkbox"/> Reactive <input type="checkbox"/> N <input type="checkbox"/>	
15.9.1	Special regulations on certain preparations:	HMIS & NFPA
	HMIS	NFPA
	2 Health	2
	2 Fire	2
	1 Reactivity/Instability	1
	E PPE	
16.	OTHER INFORMATION	
16.1	List of relevant R phrases:	R10, R20/21/22, R66, R67
16.2	Training advice:	S2/3, S16, S24/25, S36/37/38, S61
16.3	Restrictions on use:	Professional use only!
16.4	Further information:	Call INFOTRAC COLLECT 1-352-323-3500.
	EU, EEC Directives on the Control of Dangerous Substances and Preparations (67/548/EEC), Council Directive 88/379/EEC, WHMIS, NIOSH and OSHA 29 CFR 1910.1200.	
16.5	WHMIS classifies this material D-2A; material can cause other toxic effects.	
16.6	This product contains silicate glass that is classified as a carcinogen under 29 CFR Part 1910.1200 (USA), Controlled Regulations (Canada) and under California Proposition 65.	
16.7	This product is listed by the EU as F= and Xi.	
16.8	Kaolin is listed in the states of IL, FL, PA, MA, MN, MI, and RI is listed as a hazardous substance.	
16.9	This is a new Safety Data Sheet for International use.	

16.10**Abbreviations:**

CAS #	Chemical Abstract Service number	°C	Degrees Celsius
EU	European Union	EEC	European Economic Commission
EINECS #	European Inventory of Existing Chemical Substances number		
OES	Occupational Exposure Standard	PPE	Personal protective equipment

This information is furnished without warranty expressed or implied except that it is accurate to the best knowledge of Enamelite™ LLC. The data and information on the Safety Data Sheet relates only to the specific material designated herein. Enamelite™ LLC assumes no legal responsibility for use or reliance upon the data.

SAFETY DATA SHEET

NON-FLAMMABLE PROPELLANT SPRAY CERAMICS

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Fluorescent Cad Spray Glaze, Non-flammable Propellant Spray Glaze **Product and Re-Order Codes**

Manufacturer: EG-02LF- Nova /Indenco Spray Glaze- Low Fusing 111 Grams

Enamelite® LLC EG-03NLF-Indenco Spray Glaze- Low Fusing 48 /96Grams

52 West King Street EG-04FNLF- Indenco Fluorescent Low Fusing Cad Spray Glaze 48/96 grams

Myerstown, PA, USA 17067 EO- Base Opaque AEROpaque

EO- A2-D3 AEROpaque Shades

Distributor: Indenco Dental Products Inc. Corona, CA.

1-800-373-7542 CHEMICAL EMERGENCY (24-hr/7 days)

International Shipments: call collect 1-484-951-2432

SECTION 2: HAZARDS IDENTIFICATION

Emergency Overview: This is a clear compressed non-flammable propellant aerosol with a peppermint odour.

GHS Label:



GHS Signal Word: Danger

Emergency overview: NON-FLAMMABLE PROPELLANT AEROSOL. Heavier than air. Avoid frostbite. Keep out of reach of children. Harmful if inhaled or swallowed. Aspiration may cause damage to the lungs and respiratory system. Product may cause drowsiness and dizziness.

OSHA regulatory status: This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

POTENTIAL HEALTH EFFECTS:

CODE OF HAZARD STATEMENTS:

Physical hazards

H227, Combustible liquid.

Health Hazards

H305, May be harmful if swallowed and enters airways.

H315, Causes skin irritation.

H320, Causes eye irritation.

H333, May be harmful if inhaled.

H336, May cause drowsiness or dizziness.

Environmental hazards

H402, Harmful to aquatic life.

CODE OF PRECAUTIONARY STATEMENTS:

General

P101, Keep out of reach of children.

P103, Read label before use.

Prevention

P233, Keep container tightly closed.

P234, Keep only in original container.

P261, Avoid breathing breathing fume/gas/mist/Vapor spray.

P262 Do not get in eyes, on skin or on clothing.

P264, Wash thoroughly after handling.

P270, Do not eat, drink or smoke when using this product.

P280, Wear protective gloves/protective clothing/eye protection/face protection.

Response

P312, Call a POISON CENTER or doctor/physician if you feel unwell.

P331, DO NOT induce vomiting.

P340, Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P352, Wash with plenty of soap and water.

P362, Take off contaminated clothing and wash before reuse.

Storage

P403, Store in a well-ventilated area.

P412, Do not expose to temperatures exceeding 21 °C/70 °F.

ROUTES OF ENTRY: Eye contact, skin adsorption and inhalation.

CARCINOGENICITY: None.

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NON-FLAMMABLE PROPELLANT SPRAY CERAMICS

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENT

COMPONENT	CAS #	EINECS #	AMOUNT % WEIGHT	REACH REGISTRATION #
Solstico™ 1234ze	29118-24-9	471-480-4	Prop.	No
SDA-38B-17	64-17-5	200-578-6	Prop.	Yes
Dental Porcelain	12001-21-17	310-194-1	Prop.	No
Peppermint oil	8006-90-4	282-015-4	Prop.	No

REACH Registration number is the combination of the EINECS # and the CAS #, for example SDA-38B-17; REACH Reg. # is 200578664175.

Oxygen levels should be maintained greater than 19.5% at normal atmospheric pressure that is equivalent to a partial pressure of 135 torr.

SECTION 4: FIRST AID MEASURES

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.

Skin contact: Wash off immediately with plenty of luke-warm water. Get medical attention if irritation develops or persists. Wash clothing separately before reuse. If high-pressure injection under the skin occurs, always seek medical attention.

Inhalation: Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.

Ingestion: Rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. Do not give mouth-to-mouth resuscitation. If vomiting occurs, keep head low so that stomach content does not get into the lungs. Get medical attention immediately.

Notes to physician: In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

General advice: If exposed or concerned: get medical attention/advice. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use.

SECTION 5: FIRE FIGHTING MEASURES

Flammable properties: on-flammable propellant aerosol used product still flammable by OSHA criteria (Flash point > 200 °F (93.3°C)). Container may explode when heated.

Extinguishing media: Water spray. Water fog. Foam. Dry chemical powder or Carbon dioxide; do not use a solid water stream as it may scatter and spread fire.

Protection of firefighters: Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and facemask.

Protective Measures: Work in well-ventilated areas. Avoid ignition sources.

Spill Management: Stop the source of the release if you can do it without risk. Clean up spill as soon as possible, observing precautions in Exposure Controls/Personal Protection. Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations.

Reporting: U.S.A. regulations require reporting spills of this material that could reach any surface waters. Report spills to local authorities and / or Hazmat Services™, Inc. 1-800-373-7542 for international shipments 1-484-951-2432.

SECTION 7: HANDLING AND STORAGE

Handling: Wear personal protective equipment. Do not breathe product. Avoid contact with eyes, skin, and clothing. Do not taste or swallow. Avoid prolonged exposure. Use only with adequate ventilation. Wash thoroughly after handling. When using, do not eat, drink or smoke.

Storage: Non-flammable propellant aerosol storage between 70 °F (21 °C). The pressure in sealed containers can increase under the influence of heat. Keep away from ignition sources. Keep container tightly closed in a cool, well-ventilated place. Keep away from food, drink and animal feeds. Keep out of the reach of children.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment:

Wear safety goggles/safety glasses. If potential for mists, wear full face shield. Wear chemical-resistant, impervious gloves. Long sleeve shirt and long pants recommended and full-body suit and boots recommended when handling large

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volumes or in emergency situations.

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator (EN136, EN 140 or EN 149). If workplace exposure limits for product or components are exceeded, NIOSH approved equipment should be worn. Proper respirator selection should be determined by adequately trained personnel, based on the contaminants, the degree of potential exposure and published respiratory protection factors. This equipment should be available for non-routine and emergency use.

Threshold Limit Values: OSHA TWA: 800 ppm

United Kingdom TWA (ppm):800 ppm.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:White powder with a peppermint odour.

Colour:White powder.

Vapour density (Air=1): >3.5 @ 59 °F (15 °C)

Specific gravity(Water=1):> 2 at 25 °C (77 °F)

Odour:Mild odour.

Solubility (water):Insoluble (0.373 ml/100ml)

Flash point:> 200 °F (93.3°C).

Note: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

CONDITIONS TO AVOID: Extreme high temperatures.

INCOMPATIBILITY WITH OTHER MATERIALS: Alkali metals. Avoid contact with powdered aluminum, beryllium, and zinc.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and hydrogen fluoride.

HAZARDOUS POLYMERIZATION: Hazardous Polymerization will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute effects: *Harmful if inhaled or swallowed. Harmful: may cause central nervous system damage if swallowed. Irritating to eyes, respiratory system and skin. In high concentrations, vapours and spray mists may cause dizziness and drowsiness.*

Sensitization: This substance may have a potential for sensitization which may provoke an allergic reaction among sensitive individuals.

Carcinogenicity

Epidemiology:None.

Mutagenicity: None.

Reproductive effects: None.

ACGIH Carcinogens: None.

Teratogenicity: None.

IARC Monographs: None.

US NTP: None.

US OSHA: None.

Neurological effects:May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue).

Further information:None.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY:The toxicity of this material to aquatic organisms has not been evaluated. Consequently, this material should be kept out of sewage and drainage systems and all bodies of water.

ENVIRONMENTAL FATE:The environmental fate of this material is not available. Zero ozone depletion.

SECTION 13: DISPOSAL CONSIDERATIONS

Personal precautions:Keep unnecessary personnel away. Local authorities should be advised if significant spills cannot be contained. Keep upwind. Keep out of low areas. Ventilate closed spaces before entering. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. See Section 8 of the MSDS for Personal Protective Equipment.

Environmental precautions:Stay upwind and away from spill. Wear appropriate protective equipment including respiratory protection as conditions warrant. Do not enter or stay in area unless monitoring indicates that it is safe to do so. Isolate hazard area and restrict entry to emergency crew.

Methods for containment: Stop leak if you can do so without risk. Prevent entry into waterways.

Methods for cleaning up:Ventilation.

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Small Spills: Ventilate the area.

Other information: Clean up in accordance with all applicable regulations.

SECTION 14: TRANSPORTATION INFORMATION

Follow the precautions indicated in the Handling and Storage Section, Section 7 of this MSDS.

US DOT Classification for highway: Consumer Commodity, ORM-Dor UN1950, Aerosols, nonflammable, 2.2

IATA/CAOCARGO AIRCRAFT ONLY: Consumer Commodity, 9with capacity of 9 L (2.38 gals)

UN1950, Aerosols, nonflammable, 2.2

Use packing instruction 203 for capacity up to 150 kgs (330.7 lbs.).

IMO / IMDG: UN1950, Aerosols, nonflammable, 2.2

Use packing instructions P003 and LP02.

RID / ADR: UN1950, Aerosols, nonflammable, 2.2

SECTION 15: REGULATORY INFORMATION

SARA 311/312 CATEGORIES:

1. Immediate (Acute) Health Effects: Yes Delayed (Chronic) Health Effects: No

Fire Hazard: No

Sudden Release of Pressure Hazard: Yes

Reactivity Hazard: No

GHS Label:



CLASSIFICATION ACCORDING TO REGULATION (EC) No. 1272/2008/EC (CLP/GHS): Yes

CLASSIFICATION ACCORDING TO DIRECTIVE 67/548/EES \$ 199/45/ES: Not classified as dangerous.

WHMIS CLASSIFICATION: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by these regulations.

European Community:   **Xi**

CAA 112(r) (TQ): None.

CERCLA (RQ): None.

Section 313: None.

REACH Compliant: Yes, see listed chemicals is section 3.

Prop. 65: None.

USA: Kaolin and SDA-38B-17 are listed in FL, IL, PA, MA, MN, MI and RI as hazardous substance.

CHEMICAL INVENTORY LISTINGS: Kaolin and SDA-38B-17 are listed in AUSTRALIA, CANADA, EUROPEAN UNION, KOREA, PHILIPPINES, JAPAN, PEOPLE'S REPUBLIC OF CHINA and the UNITED STATES.

EU RISK AND SAFETY PHRASES: R22: Harmful if swallowed; R38: Irritating to skin; R65: Harmful: may cause lung damage if swallowed and R66: Repeated exposure may cause skin dryness or cracking.

S2: Keep out of reach of children; S9, Keep container in well-ventilated place; S24: Avoid contact with skin; S36/37: Wear suitable protective clothing and gloves; and S62: If swallowed do not induce vomiting: seek medical advice immediately and show this container or label.

SECTION 16: OTHER INFORMATION

National Fire Protection Association (NFPA)

NFPA

1 Health
1 Flammability
0 Instability

Hazardous Materials Identification System (HMIS)

HMIS

1 Slight
2 Moderate
3 High
4. Deadly

1 Health
1 Flammability
0 Reactivity
F PPE

Ratings System: 0=No Hazard; 1=Slight Hazard; 2=Moderate Hazard; 3=Serious Hazard; 4=Severe Hazard.

REVISION STATEMENT: This is a new SDS to change manufacturer's address

ABBREVIATIONS:

TLV Threshold Limit Value
STEL Short-term Exposure Limit
OSHA Occupational Safety & Health
NFPA National Fire Protection Agency

TWA Time Weighted Average
PEL Permissible Exposure Limit
NIOSH National Institute of Safety & Health
WHMIS-Workplace Hazardous Materials Information System

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IARC	Int. Agency for Research on Cancer	RCRA	Resource Conservation Recovery Act
TSCA	Toxic Substance Control Act	EC ₅₀	Effective Dose
LC ₅₀	Lethal Concentration	LD ₅₀	Lethal Dose
CAS	Chemical Abstract Service Number	NDA	No Data available
NA	Not Applicable	≤	Less Than or Equal To
≥	Greater Than or Equal To	CNS	Central Nervous System
LEL	Lower explosive limit	UEL	Upper explosive limit
kgs	kilograms	lbs	pounds
ACGIH	American Conference of Government Industrial Hygienists		
SARA	Superfund Amendments and Reauthorization Act		
EINECS	European Inventory of existing Commercial Chemical Sales		
MAK	Germany Maximum Concentration Values		
GHS	Global Harmonization System		

This product is furnished **FOR PROFESSIONAL LABORATORY USE ONLY!**

Cylinders should be transported in a secure upright position, in a well-ventilated truck.

NEVER TRANSPORT IN PASSENGER COMPARTMENT OF A VEHICLE.

Prepared: 19 December 2014

Replaces: 12 April 2014

NOTE:The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Enamelite® LLC, their employees, or affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

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