# Safety Data Sheet acc. To OSHA HCS

# Revision Date: 4/1/2019

<b>Product Identifier</b> Final Fix		
Article number:		
Relevant Identified uses of the substa	nce or mixture and uses advised against	No further relevant information available
Application of the substance / the mix	ture	
Details of the supplier of the safety da	ta sheet	
Manufacturer/Supplier	Lambert Corporation 20 Coburn Ave. Orlando, FL 32805 (407) 841-2940	
Emergency Telephone Number:	(800) 424-9300 - Chemtrec	

# 2 Hazard(s) Identification

Classification of the substance or mixture Carc. 1A H350 May cause cancer. Label Elements GHS label elements Hazard Pictograms GHS08 Signal Word Danger Hazard-determining components of labeling: Quartz (SiO2) Hazard Statements May cause cancer. **Precautionary statements** Wear protective gloves/protective clothing/eye protection/face protection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood IF exposed or concerned: Get medical advice/attention. Store locked up

Dispose of contents/container in accordance with local/regional/national/international regulations.

Classification system:

NFPA ratings (scale 0 - 4)



# HMIS ratings (scale 0 - 4)HEALTH1FIRE0

PHYSICAL HAZARD 0

# Other Hazards

Results of PBT and vPvB assessment

**PBT:** Not applicable

vPvB: Not applicable

# 3 Composition/Information on Ingredients

# Chemical Characterization: Mixtures

Description: Mixture of the substances listed below with nonhazardous additions

# Dangerous Components:

OP0273	Mineral Oil Mist
1317-65-3	Calcium Carbonate
554-12-2	Lithium Carbonate Li2CO3
77-92-9	Citric Acid
1344-28-1	Aluminum Oxide
1309-37-1	Iron Oxide
14808-60-7	Quartz (SiO2)
65997-15-1	Cement, Portland
13463-67-7	Titanium Dioxide

Additional information For the wording of the listed risk phrases refer to section 16.

# 4 First-Aid Measures

Description of first aid	tion of first aid measures	
After Inhalation:	Supply fresh air; consult doctor in case of complaints	
After Skin Contact:	If skin irritation continues, consult a doctor	
After Eye Contact:	Rinse opened eye for several minutes under running water.	

After Swallowing: Seek medical treatment

Most important symptoms and effects, both acute and delayed:

No further information available

No further information available

Indication of any immediate medical attention and special treatment needed:

# 5 Fire-Fighting Measures

Extinguishing media:

Suitable extinguishing agents: CO2, sand, extinguishing powder, foam. Fight larger fires with water spray

For safety reasons unsuitable extinguishing agents: Water

Special hazards arising from the substance or mixture: No further relevant information available

Advice for firefighters:

**Protective equipment:** Because fire may produce thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode

# 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:Wear protective equipment. Keep unprotected persons away.Environmental procedures:No special measures requiredMethods and material for containment and cleaning up:Pick up mechanicallyReference to other sections:See Section 7 for information on safe handlingSee Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

# 7 Handling and Storage

*Precautions for safe handling:* Wear appropriate personal protective clothing to prevent eye and skin contact. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Do not take internally.

Information for protection against explosions and fires: No special requirements

Conditions for safe storage, including any incompatibilities:

Storage: No special requirements

**Requirements to be met by storerooms and receptacles:** No special requirements

Information about storage in one common storage facility: Not required.

Further information about storage conditions: None

Specific end use(s): N/A

Additio	onal information	about design o	f technical systems: N/A
Contro	l parameters:		
Compo	onents with limit	values that req	uire monitoring at the workplace:
14808-	60-7 Quartz (SiO	2)	
PEL	See Quartz listi	ng	
REL	Short-term valu	e: 0.0.	$5^* mg/m^3$
	*respirable dust; See Pocket Guide App. A		
TLV	Long-term valu	e: 0.02	$25* mg/m^3$
	*as respirable f	fraction	
65997-	15-1 Cement, po	rtland	
PEL	Long-term valu	e: 50 i	mppcf or 15* 5** mg/m <sup>3</sup>
	*total dust **re	espirable fracti	on
REL	Long-term valu	e: 10*	$5^{*}5^{**}mg/m^{3}$
	*total dust **re	espirable fracti	on
TLV	Long-term valu	e: 1*1	$mg/m^3$
	E; *as respirab	le fraction	
Additio	onal information:	The lists tha	t were valid during the creation were used as basis
Exposi	ure controls:		
Person	al protective equi	ipment:	
Genera	al protective and l	hygienic measi	ures:
Wash I	ands before brea	ks and at the e	nd of work
Breath	ing equipment	Not required	1
Protect	tion of hands:		
	Protec	tive Gloves	
Materi	al of gloves:	quality and substances, a	n of the suitable gloves does not only depend on the material, but also on further marks of varies from manufacturer to manufacturer. As the product is a preparation of several the resistance of the glove material can not be calculated in advance and has therefore to be or to the application.
Penetr	ation time of glov	e material:	The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed

# 9 Physical and Chemical Properties

Information of basic physical and chemical properties

Appearance:	
Form:	Solid
Color:	According to product specification
Odor:	Characteristic
Odor threshold:	Not determined
oH- value:	Not applicable
Change in condition:	
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	Not determined
Flash point:	Not applicable
Flammability (solid, gaseous):	Not determined
gnition temperature:	Not determined
Decomposition temperature:	Not determined
Auto igniting:	Not self-igniting
Danger of explosion:	Product is not explosive
Explosion limits:	
Lower:	Not determined
Upper:	Not determined
Vapor pressure at 20 °C (68 °F):	Not applicable
Density at 20 °C (68 °F)	2.74819 g/cm <sup>3</sup> (22.934 lbs/gal)
Relative density:	Not determined
Vapor density:	Not applicable
Evaporation rate:	Not applicable
Solubility in / Miscibility with Water:	Soluble
Partition coefficient (n-octanol/water)	Not determined
Viscosity:	
Dynamic:	Not determined
Kinematic:	Not determined
Solvent content:	
Organic solvents:	0.00%
Solids content:	100.00%
Other information:	None
Volatile organic compounds:	Contains less than 800 g/L

# 10 Stability and Reactivity

Reactivity:

Chemical stability:

 Thermal decomposition / Conditions to be avoided:
 No decomposition if used according to specifications.

 Possibility of hazardous reactions:
 No dangerous reactions known.

 Conditions to avoid:
 Keep away from heat and sources of ignition

 Incompatible materials:
 No further relevant information available

 Hazardous decomposition products:
 No dangerous decomposition products known

# 11 Toxicological Information:

Information on toxicological effects:

Acute toxicity:

Primary irritant effect:

on the skin: May cause skin irritation

on the eye: No irritating effect known

Sensitization: No sensitizing effects known

Additional toxicological information:

Carcinogenic categories

IARC (International Agency for Research on Cancer)

14808-60-7 Quartz (SiO2)

NTP (National Toxicology Program)

14808-60-7 Quartz (SiO2)

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients listed.

### 12 Ecological Information

# Toxicity:Aquatic toxicity:No further relevant information available.Persistence and degradability:No further relevant information available.Bioaccumulative potential:No further relevant information available.Mobility in soil:No further relevant information available.

Additional ecological information:

General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water

# Results of PBT and vPvB assessment:

*PBT:* Not applicable

vPvB: Not applicable

Other adverse effects: No further relevant information available.

Waste treatment metho	ods:
Recommendation:	Must not be disposed of as normal garbage. Do not allow product to reach sewage system. It is the generator's responsibility to determine if the waste meets applicable definitions of hazardous waste. State and local regulations may differ from federal disposal regulations. Dispose of waste material according to local, state, federal, and provincial environmental regulations.
Uncleaned packagings	:
<b>Recommendation:</b>	Disposal must be made according to Federal, State, and Local regulations

14 Transport Information		1
UN-Number:		
DOT, ADR, ADN, IMDG, IATA	Not regulated	
UN proper shipping name:		
DOT, ADR, ADN, IMDG, IATA	Not regulated	
Transport hazard class(es):		
DOT, ADR, IMDG, IATA		
Class	Not regulated	
Packing group:		
DOT, ADR, IMDG, IATA:	Not regulated	
Environmental hazards:		
Marine pollutant:	No	
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable	
Transport/Additional information:		
ADR:		
U.S. Domestic Ground Shipments:	Same as listed for Standard Shipments above.	
U.S. Domestic ground Non-Bulk (119 gal or less per container) Shipments:	Same as listed for Standard Shipments above.	
Emergency Response Guide (ERG) Number:	Not determined	
IMDG		
Limited quantities (LQ)	5L	
Excepted quantities (EQ)	Code: E1	
	Maximum net quantity per inner packaging: 30 ml	
	Maximum net quantity per outer packaging: 1000 ml	
UN "Model Regulation":	N/E	

15 Regulatory information

Safety, health and	environmental regulations/leg	islation specific for the substance or mixture:
Sara:		
Section 355 (extre	mely hazardous substances):	None of the ingredient listed
Section 313 (Speci	ific toxic chemical listings):	This product may contain 1 or more toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR part 372. If so, the chemicals are listed below
TSCA (Toxic Subs	stances Control Act):	
14808-60-7 (	Quartz (SiO2)	
65997-15-1 (	Cement, Portland	
Proposition 65:		
Chemicals known	to the State of California (Prop	p. 65) to cause cancer:
14808-60-7 (	Quartz (SiO2)	
Chemicals known	to cause reproductive toxicity f	or females:
None of the ingred	ients listed.	
Chemicals known	to cause reproductive toxicity f	or males:
None of the ingred	ients listed.	
Chemicals known	to cause developmental toxicity	
None of the ingred	ients listed.	
Cancerogenity cat	egories:	
EPA (Environmen	ntal Protection Agency):	
None of the ingred	ients listed.	
TLV (Threshold L	imit Value established by ACG	<i>IH</i> ):
14808-60-7 Q	Quartz (SiO2)	
MAK (German Mo	aximum Workplace Concentrat	ion):
14808-60-7 Q	Quartz (SiO2)	
NIOSH-Ca (Natio	nal Institute for Occupational S	Safety and Health)
14808-60-7 Q	Quartz (SiO2)	
GHS label elemen	ts: The product is classified	l and labeled according to the Globally Harmonized System (GHS).
Hazard pictogram	s:	
GHS08		
Signal word: 1	Danger	
Hazard-determinii	ng components of labeling:	
Quartz (SiO2)		

May cause cancer

#### Precautionary statements:

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

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

IF exposed or concerned: Get medical advice/attention

Store locked up

Dispose of contents/container in accordance with local/regional/national/international regulations.

### National regulations:

#### Information about limitation of use:

Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases

Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

#### 16 Other Information

Department issuing MSDS: Environmental, Health & Safety Department

Contact: Environmental, Health & Safety Manager

Date of preparation / Last revision: 11/25/2015

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association ACGIH: American Conference of Governmental Industrial Hygienists EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) NFPA: National Fire Protection Association (USA) HMIS: Hazardous Materials Identification System (USA) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent Flam. Liq. 3: Flammable liquids, Hazard Category 3 Acute Tox. 4: Acute toxicity, Hazard Category 4 Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2 Carc. 2: Carcinogenicity, Hazard Category 2 Repr. 2: Reproductive toxicity, Hazard Category 2 STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2 Asp. Tox. 1: Aspiration hazard, Hazard Category 1