

Section 1: Identification

Product identifier

Product Name Lub-O-Seal® NM-91™ Anti-Seize

Alternate Names MIL-PRF-907F



Relevant identified uses of the substance or mixture and uses advised against

Recommended Use For application to threaded fasteners to prevent galling and seizing.

Details of the supplier of the safety data sheet

Manufacturer Lub-O-Seal Company, Inc.
17519 Lewis Dr.
Cypress, TX 77433
United States
+1-281-373-0387 (Customer Service Telephone)
+1-281-256-2884 (Fax)

Emergency telephone numbers

North America (Toll-free) Chemtel: 1-800-255-3924

International Chemtel: +01-813-248-0585

Section 2: Hazard Identification

Classification of the Substance or Mixture

Classification according to OSHA 29 CFR 1910,1200 HCS 2012

- Skin Irritation 2

Label Elements

Labelling according to OSHA 29 CFR 1910,1200 HCS 2012



WARNING

Hazard Statements

- Causes skin irritation

Precautionary Statements

Prevention Wash thoroughly after handling.
Wear protective gloves.

Response If on skin, wash with plenty of water.
Take off contaminated clothing and wash before reuse.
For specific treatment, see supplemental first-aid information.
If skin irritation occurs, get medical advice/attention.

Other Hazards

Hazards according to OSHA 29 CFR 1910,1200 HCS 2012

Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Section 3: Composition/Information on ingredients

Substances

This material does not meet the criteria of a substance.

Mixtures

Table 1: Composition

Chemical Name	Identifiers	%	LD50/LC50	Classifications According to Regulation/Directive
Hydrotreated heavy naphthenic petroleum distillate (highly refined)	CAS: 64742-52-5	40% to 75%	<u>Ingestion/Oral-Rat</u> LD50 • >5000 mg/kg <u>Skin-Rabbit</u> LD50 • >2000 mg/kg	OSHA HCS 2012: Skin Irrit. 2
Ceramic materials and wares, chemicals	CAS: 66402-68-4	20% to 35%	NDA	OSHA HCS 2012: Not Classified
Graphite	CAS: 7782-42-5	3% to 15%	NDA	OSHA HCS 2012: Comb. Dust; STOT RE 1 (Lungs/Inhl)
Talc	CAS: 14807-96-6	0.5% to 7%	NDA	OSHA HCS 2012: STOT RE 1 (Lungs/Inhl)
Naturally occurring mineral (inert ash)	CAS: 999999-99-4	0.5% to 5%	NDA	OSHA HCS 2012: Not Classified
Crystalline silica	CAS: 14808-60-7	1% to 5%	NDA	OSHA HCS 2012: Carc. 1A; STOT RE 1 (Lungs/Inhl)
Confidential organoclay	NDA	1% to 5%	NDA	OSHA HCS 2012: Not Classified
Dolomite	CAS: 16389-88-1	0% to 3%	NDA	OSHA HCS 2012: Not Classified
Antimony dialkyldithiocarbamate (NJTSR No. 800983-5015P)	NDA	0% to 3%	NDA	OSHA HCS 2012: Not Classified
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	CAS: 64742-54-7	1.8% to 2%	<u>Ingestion/Oral-Rat</u> LD50 • >5000 mg/kg <u>Skin-Rabbit</u> LD50 • >2000 mg/kg	OSHA HCS 2012: Eye Irrit. 2
Propene, 2-methyl-, polymers	CAS: 9003-27-4	0% to 1%	NDA	OSHA HCS 2012: Not Classified
1,6-Hexanediol	CAS: 629-11-8	0% to 1%	NDA	OSHA HCS 2012: Eye Irrit. 2; Comb. Dust

Section 4: First-aid Measures

Description of first-aid measures

Inhalation	Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.
Skin	In case of contact with substance, immediate flush skin with running water for at least 20 minutes. Take off contaminated clothing and wash before reuse. If irritation develops and persists, get medical attention.
Eye	In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If eye irritation persists, get medical attention.
Ingestion	Do NOT induce vomiting. Obtain medical attention immediately if ingested.

Most important symptoms and effects, both acute and delayed

Refer to Section -- Toxicological Information

Indications of any immediate medical attention and special treatment required

Notes to Physician	All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.
---------------------------	--

Section 5: Fire-fighting Measures

Extinguishing media

Suitable Extinguishing Media	Large fire: Water spray, fog, or regular foam. Small fire: Dry chemical, CO ₂ , water spray, or regular foam.
Unsuitable Extinguishing Media	No data available.

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards	No data available.
Hazardous Combustion Products	Carbon monoxide.

Advice for firefighters

Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.
Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection.
Wear positive pressure self-contained breathing apparatus (SCBA).

Section 6: Accidental release Measures

Personal precautions, protective equipment, and emergency procedures

Personal Precautions	Ventilate enclosed areas. Do not walk through spilled material. Wear appropriate personal protective equipment. Avoid direct contact.
-----------------------------	---

Emergency Procedures As an immediate precautionary measure, isolate spill or leak area in all directions for at least 50 meters (150 feet) for liquids and at least 25 meters (75 feet) for solids. ELIMINATE all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stay upwind. Keep out of low areas. Keep unauthorized personnel away.

Environmental precautions

Avoid runoff to waterways and sewers.

Methods and material for containment and cleaning

Containment/Cleaning Measures Mop or otherwise absorb and hold for disposal.

Section 7: Handling and Storage

Precautions for safe handling

Handling Use good safety and industrial hygiene practices. Wear appropriate personal protective equipment. Avoid direct contact. Avoid contact with skin, eyes, and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

Considerations for safe storage, including any incompatibilities

Storage Keep container closed. Store in a cool, dry place.

Section 8: Exposure Controls/Personal Protection

Control Parameters

Table 2: Exposure Limits/Guidelines

	Result	ACGIH	NIOSH	OSHA
Hydrotreated heavy paraffinic petroleum distillate (highly refined) (64742-52-5)	TWAs	5 mg/m ³ (excluding metal working fluids, inhalable particulate matter) as <i>Mineral oil, highly and severely refined</i>	Not established	Not established
Talc (14807-96-6)	TWAs	2 mg/m ³ TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter)	2 mg/m ³ TWA (containing no Asbestos and <1% Quartz, respirable dust)	2 mg/m ³ TWA (8 hours)
Crystalline silica (14808-60-7)	TWAs	0.025 mg/m ³ TWA (respirable particulate matter)	0.05 mg/m ³ TWA (respirable dust)	50 µg/m ³ TWA (listed under Respirable crystalline silica)
Graphite (7782-42-5)	TWAs	2 mg/m ³ TWA (all forms except graphite fibers, respirable particulate matter)	2.5 mg/m ³ TWA (natural, respirable dust)	15 mg/m ³ TWA (synthetic, total dust); 5 mg/m ³ TWA (synthetic, respirable fashion)

Exposure Limits Supplemental

Table 3: OSHA Exposure Limits

Crystalline silica (14808-60-7)	Mineral Dusts: ((250/(%SiO ₂ + 5) mppcf TWA, respirable fraction; (10/(%SiO ₂ + 2) mg/m ³ TWA, respirable fraction)
Graphite (7782-42-5)	Mineral Dusts: (15mppcf TWA (natural))
Graphite as Particulates not otherwise classified (PNOC)	Mineral Dusts: (15 mppcf TWA (respirable fraction); 5 mg/m ³ TWA (respirable fraction; 50 mppcf TWA (total dust); 15 mg/m ³ TWA (total dust))

Table 3: OSHA Exposure Limits

Talc (14807-96-6)	Mineral Dusts: (20 mppcf TWA (if 1% Quartz or more, use Quartz limit))
-------------------	---

Exposure Controls**Engineering Measures/Controls**

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Personal Protective Equipment

Respiratory In case of insufficient ventilation, wear suitable respiratory equipment.

Eye/Face Wear chemical splash safety goggles

Skin/Body Wear appropriate gloves.

Environmental Exposure Controls Follow best practices for site management and disposal of waste.

Key to Abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene

NIOSH = National Institute of Occupational Safety and Health

OSHA = Occupational Safety and Health Administration

TWA = Time-Weighted Averages based on 8h/day, 40h/week exposures

Section 9: Physical and Chemical Properties

Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Black paste with hydrocarbon odor.
Color	Black	Odor	Hydrocarbon
Odor Threshold	NDA		
General Properties			
Boiling Point	600 F (315.56 C)	Melting/Freezing Point	NDA
Decomposition Temperature	NDA	pH	NDA
Specific Gravity/Relative Density	=1.05 (Water = 1.00)	Water Solubility	NDA
Viscosity	NDA		
Volatility			
Vapor Pressure	<0.01 kPa	Vapor Density	NDA
Evaporation Rate	<1 (Ether = 1)	Volatiles (Weight)	0%
Volatiles (Volume)	0%		

Flammability			
Flash Point	>450 F (>232.22 C) TCC (Tagliabue Closed Cub)	UEL	NDA
LEL	NDA	Autoignition	NDA*
Flammability (Solid, Gas)	NDA		
Environmental			
Octanol/Water Partition Coefficient	NDA		

Section 10: Stability and Reactivity

Reactivity No dangerous reaction known under conditions of normal use.

Chemical Stability Stable under normal temperatures and pressures.

Possibility of Hazardous Reactions Hazardous polymerization will not occur.

Conditions to Avoid Excessive heat and open flame.

Incompatible Materials Strong oxidizers, concentrated oxygen.

Hazardous Decomposition Products Carbon monoxide.

Section 11: Toxicological Information

Information on Toxicological Effects

Table 4: Components

Hydrotreated heavy naphthenic petroleum distillate (highly refined) (40% to 75%)	64742-52-5	<p>Acute Toxicity: Ingestion/Oral-Rat LD50 • >5000 mg/kg; Skin-Rabbit LD50 • >2000 mg/kg</p> <p>Irritation: Skin-Rabbit • 500 mg • Severe irritation</p> <p>Tumorigen / Carcinogen: Skin-Mouse • 398 g/kg 22 Week(s)-Intermittent Tumorigenic: Equivocal tumorigenic agent by RTECS criteria Skin and Appendages: Other: Tumors Tumorigenic: Tumors at site of application Skin-Mouse • 402 g/kg 78 Week(s)-Intermittent Tumorigenic: Equivocal tumorigenic agent by RTECS criteria Skin and Appendages: Other: Tumors Tumorigenic: Tumors at site of application Skin-Mouse TDLo • 480 g/kg 80 Week(s)-Intermittent Tumorigenic: Neoplastic by RTECS criteria Skin and Appendages: Other: Tumors Tumorigenic: Tumors at site of application</p>
--	------------	---

Table 4: Components

1,6-Hexanediol (0% to 1%)	629-11-8	<p>Acute Toxicity: <u>Ingestion/Oral-Rat LD50 • 3700 mg/kg</u> Gastrointestinal: Other changes <u>Skin-Rabbit LD50 • >10 g/kg</u></p> <p>Irritation: Eye-Rabbit • 500 mg 24 Hour(s) • Mild irritation Skin-Rabbit • 500 mg 24 Hour(s) • Mild irritation</p>
Crystalline silica (1% to 5%)	14808-60-7	<p>Acute Toxicity: <u>Inhalation-Human TCLo • 16 mppcf 8 Hour(s) 17.9 Year(s)-Intermittent</u> Lungs, Thorax, or Respiration: Fibrosis, focal (pneumoconiosis) Lungs, Thorax, or Respiration: Cough Lungs, Thorax, or Respiration: Dyspnea</p> <p>Multi-dose Toxicity: <u>Inhalation-Hamster TCLo • 3 mg/m 6 Hour(s) 78 Week(s)-Intermittent</u> Lungs, Thorax, or Respiration: Fibrosis (interstitial) Lungs, Thorax, or Respiration: Changes in lung weight <u>Inhalation-Rat TCLo • 6.2 mg/m 6 Hour(s) 6 Week(s)-Intermittent</u> Lungs, Thorax, or Respiration: Other changes Blood: Changes in spleen Immunological Including Allergic: Increase in cellular immune response <u>Inhalation-Rat TCLo • 80 mg/m 26 Week(s)-Intermittent</u> Lungs, Thorax, or Respiration: Fibrosis, focal (pneumoconiosis) Blood: Changes in spleen Immunological Including Allergic: Decrease in cellular immune response <u>Inhalation-Rat TCLo • 58 mg/m 13 Week(s)-Intermittent</u> Lungs, Thorax, or Respiration: Other changes Endocrine: Changes in thymus weight Blood: Changes in leukocyte (WBC) count</p> <p>Mutagen: Micronucleus test • Unreported Route-Hamster • Lung (Somatic cell) • 160 •g/cm DNA damage • Unreported Route-Human • Other Cell Type • 120 mg/L 24 Hour(s) Micronucleus test • Unreported Route-Human •Lung (Somatic cell) • 40 •g/cm</p> <p>Tumorigen / Carcinogen: <u>Inhalation-Rat TCLo • 50 mg/m 6 Hour(s) 71 Week(s)-Intermittent</u> Tumorigenic: Carcinogenic by RTECS criteria; Liver: Tumors</p>
Talc (0.5% to 7%)	14807-96-6	<p>Irritation: Skin-Human • 300 g 3 Day(s)-Intermittent • Mild irritation</p> <p>Tumorigen / Carcinogen: <u>Inhalation-Rat •11 mg/m 1 Year(s)-Intermittent</u> Tumorigenic: Equivocal tumorigenic agent by RTECS criteria; Lungs, Thorax, or Respiration: Tumors; <u>Inhalation-Rat TCLo • 18 mg/m 6 Hour(s) 2 Year(s)-Intermittent</u> Tumorigenic: Carcinogenic by RTECS criteria; Lungs, Thorax, or Respiration: Bronchiogenic carcinoma; Endocrine: Tumors</p>
Dolomite (0% to 3%)	16389-88-1	<p>Reproductive: <u>Ingestion/Oral-Rat TDLo • 15000 mg/kg (6-15D preg)</u> Reproductive Effects: Effects on Embryo or Fetus: Other effects on embryo</p>

Table 4: Components

Hydrotreated heavy paraffinic petroleum distillate (highly refined) (1.8% to 2%)	64742-54-7	Acute Toxicity: <u>Ingestion-Oral-Rat LD50 • >15 g/kg</u> <u>Skin-Rabbit LD50 • >5 g/kg</u> Multi-dose Toxicity: <u>Inhalation-Rat TCLo • 1000 mg/m 4 Week(s)-Intermittent</u> Lungs, Thorax, or Respiration: Changes in lung weight
--	------------	---

GHS Properties	Classification
Acute toxicity	OSHA HCS 2012: No Data Available
Skin corrosion/Irritation	OSHA HCS 2012: Skin Irritation 2
Serious eye damage/Irritation	OSHA HCS 2012: No Data Available
Skin sensitization	OSHA HCS 2012: No Data Available
Respiratory sensitization	OSHA HCS 2012: No Data Available
Aspiration hazard	OSHA HCS 2012: No Data Available
Carcinogenicity	OSHA HCS 2012: No Data Available
Germ Cell Mutagenicity	OSHA HCS 2012: No Data Available
Toxicity for Reproduction	OSHA HCS 2012: No Data Available
STOT-SE	OSHA HCS 2012: No Data Available
STOT-RE	OSHA HCS 2012: No Data Available

Potential Health Effects

Inhalation	
Acute (Immediate)	Under normal conditions of use, no health effects are expected.
Chronic (Delayed)	No data available.
Skin	
Acute (Immediate)	Causes skin irritation.
Chronic (Delayed)	No data available.
Eye	
Acute (Immediate)	May cause irritation.
Chronic (Delayed)	No data available.
Ingestion	
Acute (Immediate)	May cause gastrointestinal disturbances including diarrhea, nausea, and vomiting.
Chronic (Delayed)	No data available.

Key to Abbreviations

LD = Lethal Dose

TC = Toxic Concentration

TD = Toxic Dose

Section 12: Ecological Information

Toxicity Non-mandatory section. Information about this substance not compiled.

Persistence and degradability Non-mandatory section. Information about this substance not compiled.

Bioaccumulative potential Non-mandatory section. Information about this substance not compiled.

Mobility in soil Non-mandatory section. Information about this substance not compiled.

Other adverse effects Non-mandatory section. Information about this substance not compiled.

Section 13: Disposal Considerations

Product waste Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14: Transport Information

	UN Number	UN proper shipping name	Transport hazard class(es)	Packing group	Environmental hazards
DOT	Not applicable	Not regulated	Not applicable	Not applicable	NDA

Special precautions for user None specified.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No data available.

Section 15: Regulatory Information

Table 5: Inventory

Component	CAS	Canada DSL	Canada NDSL	EU EINECS	EU ELNICS	TSCA
1,6-Hexanediol	629-11-8	Yes	No	Yes	No	Yes
Ceramic materials and wares, chemicals	66402-68-4	Yes	No	Yes	No	Yes
Crystalline silica	14808-60-7	Yes	No	Yes	No	Yes
Dolomite	16389-88-1	No	Yes	Yes	No	Yes
Graphite	7782-42-5	Yes	No	Yes	No	Yes
Hydrotreated heavy naphthenic petroleum distillate (highly refined)	64742-52-5	Yes	No	Yes	No	Yes
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Yes	No	Yes	No	Yes

Table 5: Inventory

Component	CAS	Canada DSL	Canada NDSL	EU EINECS	EU ELNICS	TSCA
Naturally occurring mineral (inert ash)	999999-99-4	No	No	Yes	No	No
Propene, 2-methyl-polymers	9003-27-4	Yes	No	No	No	Yes
Talc	14807-96-6	Yes	No	Yes	No	Yes

Canada

Environment

Canada - CEPA - Priority Substances List

Ceramic materials and wares, chemicals	66402-68-4	Not Listed
1,6-Hexanediol	629-11-8	Not Listed
Dolomite	16389-88-1	Not Listed
Hydrotreated heavy naphthenic petroleum distillate (highly refined)	64742-52-5	Not Listed
Talc	14807-96-6	Not Listed
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
Propene, 2-methyl-, polymers	9003-27-4	Not Listed
Crystalline silica	14808-67-7	Not Listed
Crystalline silica as Silica, crystalline (general form)		Not Listed
Graphite	7782-42-5	Not Listed
Naturally occurring mineral (inert ash)	999999-99-4	Not Listed

United States

Labor

U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals

Ceramic materials and wares, chemicals	66402-68-4	Not Listed
1,6-Hexanediol	629-11-8	Not Listed
Dolomite	16389-88-1	Not Listed
Hydrotreated heavy naphthenic petroleum distillate (highly refined)	64742-52-5	Not Listed
Talc	14807-96-6	Not Listed
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
Propene, 2-methyl-, polymers	9003-27-4	Not Listed
Crystalline silica	14808-67-7	Not Listed
Crystalline silica as Silica, crystalline (general form)		Not Listed
Graphite	7782-42-5	Not Listed
Naturally occurring mineral (inert ash)	999999-99-4	Not Listed

U.S. - OSHA - Specifically Regulated Chemicals

Ceramic materials and wares, chemicals	66402-68-4	Not Listed
1,6-Hexanediol	629-11-8	Not Listed

U.S. - OSHA - Specifically Regulated Chemicals

Dolomite	16389-88-1	Not Listed
Hydrotreated heavy naphthenic petroleum distillate (highly refined)	64742-52-5	Not Listed
Talc	14807-96-6	Not Listed
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
Propene, 2-methyl-, polymers	9003-27-4	Not Listed
Crystalline silica	14808-67-7	Not Listed
Crystalline silica as Silica, crystalline (general form)		50 µg/m ³ TWA (See 29 CFR 1910.1053; 25µg/m ³ Action Level (See 29 CFR 1910.1053)
Graphite	7782-42-5	Not Listed
Naturally occurring mineral (inert ash)	999999-99-4	Not Listed

Environment

U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

Ceramic materials and wares, chemicals	66402-68-4	Not Listed
1,6-Hexanediol	629-11-8	Not Listed
Dolomite	16389-88-1	Not Listed
Hydrotreated heavy naphthenic petroleum distillate (highly refined)	64742-52-5	Not Listed
Talc	14807-96-6	Not Listed
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
Propene, 2-methyl-, polymers	9003-27-4	Not Listed
Crystalline silica	14808-67-7	Not Listed
Crystalline silica as Silica, crystalline (general form)		Not Listed
Graphite	7782-42-5	Not Listed
Naturally occurring mineral (inert ash)	999999-99-4	Not Listed

U.S. - CERCLA/SARA - Hazardous Substances and Their Reportable Quantities

Ceramic materials and wares, chemicals	66402-68-4	Not Listed
1,6-Hexanediol	629-11-8	Not Listed
Dolomite	16389-88-1	Not Listed
Hydrotreated heavy naphthenic petroleum distillate (highly refined)	64742-52-5 564742-52-5	Not Listed
Talc	14807-96-6	Not Listed
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
Propene, 2-methyl-, polymers	9003-27-4	Not Listed
Crystalline silica	14808-67-7	Not Listed
Crystalline silica as Silica, crystalline (general form)		Not Listed
Graphite	7782-42-5	Not Listed
Naturally occurring mineral (inert ash)	999999-99-4	Not Listed

U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities

Ceramic materials and wares, chemicals	66402-68-4	Not Listed
1,6-Hexanediol	629-11-8	Not Listed
Dolomite	16389-88-1	Not Listed
Hydrotreated heavy naphthenic petroleum distillate (highly refined)	64742-52-5	Not Listed
Talc	14807-96-6	Not Listed
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
Propene, 2-methyl-, polymers	9003-27-4	Not Listed
Crystalline silica	14808-67-7	Not Listed
Crystalline silica as Silica, crystalline (general form)		Not Listed
Graphite	7782-42-5	Not Listed
Naturally occurring mineral (inert ash)	999999-99-4	Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

Ceramic materials and wares, chemicals	66402-68-4	Not Listed
1,6-Hexanediol	629-11-8	Not Listed
Dolomite	16389-88-1	Not Listed
Hydrotreated heavy naphthenic petroleum distillate (highly refined)	64742-52-5	Not Listed
Talc	14807-96-6	Not Listed
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
Propene, 2-methyl-, polymers	9003-27-4	Not Listed
Crystalline silica	14808-67-7	Not Listed
Crystalline silica as Silica, crystalline (general form)		Not Listed
Graphite	7782-42-5	Not Listed
Naturally occurring mineral (inert ash)	999999-99-4	Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

Ceramic materials and wares, chemicals	66402-68-4	Not Listed
1,6-Hexanediol	629-11-8	Not Listed
Dolomite	16389-88-1	Not Listed
Hydrotreated heavy naphthenic petroleum distillate (highly refined)	64742-52-5	Not Listed
Talc	14807-96-6	Not Listed
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
Propene, 2-methyl-, polymers	9003-27-4	Not Listed
Crystalline silica	14808-67-7	Not Listed
Crystalline silica as Silica, crystalline (general form)		Not Listed
Graphite	7782-42-5	Not Listed
Naturally occurring mineral (inert ash)	999999-99-4	Not Listed

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

Ceramic materials and wares, chemicals	66402-68-4	Not Listed
--	------------	------------

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

1,6-Hexanediol	629-11-8	Not Listed
Dolomite	16389-88-1	Not Listed
Hydrotreated heavy naphthenic petroleum distillate (highly refined)	64742-52-5	Not Listed
Talc	14807-96-6	Not Listed
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
Propene, 2-methyl-, polymers	9003-27-4	Not Listed
Crystalline silica	14808-67-7	Not Listed
Crystalline silica as Silica, crystalline (general form)		Not Listed
Graphite	7782-42-5	Not Listed
Naturally occurring mineral (inert ash)	999999-99-4	Not Listed

U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing

Ceramic materials and wares, chemicals	66402-68-4	Not Listed
1,6-Hexanediol	629-11-8	Not Listed
Dolomite	16389-88-1	Not Listed
Hydrotreated heavy naphthenic petroleum distillate (highly refined)	64742-52-5	Not Listed
Talc	14807-96-6	Not Listed
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
Propene, 2-methyl-, polymers	9003-27-4	Not Listed
Crystalline silica	14808-67-7	Not Listed
Crystalline silica as Silica, crystalline (general form)		Not Listed
Graphite	7782-42-5	Not Listed
Naturally occurring mineral (inert ash)	999999-99-4	Not Listed

United States - California**U.S. - California - Proposition 65 - Carcinogens List**

Ceramic materials and wares, chemicals	66402-68-4	Not Listed
1,6-Hexanediol	629-11-8	Not Listed
Dolomite	16389-88-1	Not Listed
Hydrotreated heavy naphthenic petroleum distillate (highly refined)	64742-52-5	Not Listed
Talc	14807-96-6	Not Listed
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
Propene, 2-methyl-, polymers	9003-27-4	Not Listed
Crystalline silica	14808-67-7	Not Listed
Crystalline silica as Silica, crystalline (general form)		Carcinogen, 10/1/1988 (airborne particles of respirable size)
Graphite	7782-42-5	Not Listed
Naturally occurring mineral (inert ash)	999999-99-4	Not Listed

U.S. - California - Proposition 65 - Developmental Toxicity

Ceramic materials and wares, chemicals	66402-68-4	Not Listed
1,6-Hexanediol	629-11-8	Not Listed
Dolomite	16389-88-1	Not Listed
Hydrotreated heavy naphthenic petroleum distillate (highly refined)	64742-52-5	Not Listed
Talc	14807-96-6	Not Listed
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
Propene, 2-methyl-, polymers	9003-27-4	Not Listed
Crystalline silica	14808-67-7	Not Listed
Crystalline silica as Silica, crystalline (general form)		Not Listed
Graphite	7782-42-5	Not Listed
Naturally occurring mineral (inert ash)	999999-99-4	Not Listed

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

Ceramic materials and wares, chemicals	66402-68-4	Not Listed
1,6-Hexanediol	629-11-8	Not Listed
Dolomite	16389-88-1	Not Listed
Hydrotreated heavy naphthenic petroleum distillate (highly refined)	64742-52-5	Not Listed
Talc	14807-96-6	Not Listed
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
Propene, 2-methyl-, polymers	9003-27-4	Not Listed
Crystalline silica	14808-67-7	Not Listed
Crystalline silica as Silica, crystalline (general form)		Not Listed
Graphite	7782-42-5	Not Listed
Naturally occurring mineral (inert ash)	999999-99-4	Not Listed

U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)

Ceramic materials and wares, chemicals	66402-68-4	Not Listed
1,6-Hexanediol	629-11-8	Not Listed
Dolomite	16389-88-1	Not Listed
Hydrotreated heavy naphthenic petroleum distillate (highly refined)	64742-52-5	Not Listed
Talc	14807-96-6	Not Listed
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
Propene, 2-methyl-, polymers	9003-27-4	Not Listed
Crystalline silica	14808-67-7	Not Listed
Crystalline silica as Silica, crystalline (general form)		Not Listed
Graphite	7782-42-5	Not Listed
Naturally occurring mineral (inert ash)	999999-99-4	Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Female

Ceramic materials and wares, chemicals	66402-68-4	Not Listed
--	------------	------------

U.S. - California - Proposition 65 - Reproductive Toxicity - Female

1,6-Hexanediol	629-11-8	Not Listed
Dolomite	16389-88-1	Not Listed
Hydrotreated heavy naphthenic petroleum distillate (highly refined)	64742-52-5	Not Listed
Talc	14807-96-6	Not Listed
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
Propene, 2-methyl-, polymers	9003-27-4	Not Listed
Crystalline silica	14808-67-7	Not Listed
Crystalline silica as Silica, crystalline (general form)		Not Listed
Graphite	7782-42-5	Not Listed
Naturally occurring mineral (inert ash)	999999-99-4	Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Male

Ceramic materials and wares, chemicals	66402-68-4	Not Listed
1,6-Hexanediol	629-11-8	Not Listed
Dolomite	16389-88-1	Not Listed
Hydrotreated heavy naphthenic petroleum distillate (highly refined)	64742-52-5	Not Listed
Talc	14807-96-6	Not Listed
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
Propene, 2-methyl-, polymers	9003-27-4	Not Listed
Crystalline silica	14808-67-7	Not Listed
Crystalline silica as Silica, crystalline (general form)		Not Listed
Graphite	7782-42-5	Not Listed
Naturally occurring mineral (inert ash)	999999-99-4	Not Listed

Other Information

WARNING: This product contains a chemical known to the State of California to cause cancer.

Section 16: Other Information

Revision Date January 15, 2019

Disclaimer/Statement of Liability

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers and users of this product must comply with all applicable health and safety laws, regulations, and orders.

Key to Abbreviations

NDA = No Data Available