

SAFETY DATA SHEET



1. Identification

Product identifier	Style 3200
Other means of identification	
Product code	39002, 39102
Recommended use	Gasket Material
Recommended restrictions	None known.
Manufacturer/Importer/Supplier	/Distributor information
Manufacturer	
Company name Address	Garlock Sealing Technologies, LLC 1666 Division Street Palmyra, NY 14522 United States
Telephone	M-F 9:00AM-4:00PM 315-597-4811 FAX 315-597-3039
E-mail	GSTSDS@garlock.com
Emergency phone number	315-597-4811
2. Hazard(s) identification	
Physical hazards	Not classified.
Health hazards	Not classified.
Environmental hazards	Not classified.
OSHA defined hazards	Not classified.
Label elements	
Hazard symbol	None.
Signal word	None.
Hazard statement	In its manufactured and shipped state, this product is considered to present low hazard.
Precautionary statement	
Prevention	Observe good industrial hygiene practices.
Response	Wash hands after handling.
Storage	Store away from incompatible materials.
Disposal	Dispose of waste and residues in accordance with local authority requirements.
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	OSHA Hazard Communication Standard (29 CFR 1910.1200) requirements for Safety Data Sheets do not apply to the product(s) described in this document. This product is excluded in the regulation as an Article.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Kaolin		1332-58-7	- < 60
p-Aramid Fiber		26125-61-1	- < 20
Styrene-butadiene Rubber		9003-55-8	- < 15
suzorite		12001-26-2	3 - < 5
Rubber, Natural		9006-04-6	- < 5
Titanium Dioxide		13463-67-7	< 1
2, 2'-Dibenzothiazyl disulfide		120-78-5	< 0.5
Silica - Crystalline, Quartz		14808-60-7	< 0.5

Chemical name	Common name and synonyms	CAS number	%
Tetramethyl thiuram disulfide		137-26-8	< 0.5
Toluene		108-88-3	0< 0.5
Zinc Oxide		1314-13-2	< 0.5
Tertiary Butyl Acetate		540-88-5	< 0.3
Diethyl Phthalate		84-66-2	0.08
Benzaldehyde		100-52-7	< 0.1
Other components below reportat	le levels		5 - < 10

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation	No specific intervention is indicated as the product is not likely to be hazardous by inhalation. Consult a physician if necessary. If exposed to fumes from overheating or combustion, move to fresh air. Consult physician if symptoms persist.
Skin contact	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact	Rinse with water. Get medical attention if irritation develops and persists.
Ingestion	No specific intervention is indicated, as product is not likely to be hazardous by ingestion. Consult a physician if necessary.
Most important symptoms/effects, acute and delayed	Direct contact with eyes may cause temporary irritation.
Indication of immediate medical attention and special treatment needed	Treat symptomatically.
General information	Get medical attention if symptoms occur.
5. Fire-fighting measures	
Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	None known.
Specific hazards arising from	During fire, gases hazardous to health may be formed.

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Use standard firefighting procedures and consider the hazards of other involved materials.

Use standard firefighting procedures and consider the hazards of other involved materials. No unusual fire or explosion hazards noted.

6. Accidental release measures

Special protective equipment and precautions for firefighters

equipment/instructions Specific methods

General fire hazards

the chemical

Fire fighting

Personal precautions, protective equipment and emergency procedures	See Section 8 of the SDS for Personal Protective Equipment.
Methods and materials for containment and cleaning up	No special methods normally required. If dust is generated see Section 7.
Environmental precautions	None known.
7. Handling and storage	

Precautions for safe handling

Avoid grinding, abrading or other mechanical actions that could release particulates. Dust generated from this material must be managed by wet wiping or vacuuming with HEPA filtration equipped vacuum cleaners. Do not dry sweep or blow dust with compressed air. Avoid breathing dust.

Room temperature - normal conditions.

Conditions for safe storage, including any incompatibilities

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Туре	Value	Form
aolin (CAS 1332-58-7)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
Silica - Crystalline, Quartz	PEL	0.05 mg/m3	Respirable dust.
CAS 14808-60-7)			
Tertiary Butyl Acetate (CAS	PEL	950 mg/m3	
540-88-5)		200 ppm	
Fetramethyl thiuram	PEL	5 mg/m3	
disulfide (CAS 137-26-8)		e mg/me	
Fitanium Dioxide (CAS	PEL	15 mg/m3	Total dust.
13463-67-7)		F / 0	
Zinc Oxide (CAS 1314-13-2)	PEL	5 mg/m3	Respirable fraction.
1014 10 2)		5 mg/m3	Fume.
		15 mg/m3	Total dust.
JS. OSHA Table Z-2 (29 CFR 1910.100	0)	-	
Components	Туре	Value	
Foluene (CAS 108-88-3)	Ceiling	300 ppm	
· · · · /	TWA	200 ppm	
JS. OSHA Table Z-3 (29 CFR 1910.100	0)		
Components	Туре	Value	Form
(aolin (CAS 1332-58-7)	TWA	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
		50 mppcf	Total dust.
		15 mppcf	Respirable fraction.
Silica - Crystalline, Quartz	TWA	0.1 mg/m3	Respirable.
CAS 14808-60-7)		-	
		2.4 mppcf	Respirable.
suzorite (CAS 12001-26-2)	TWA	20 mppcf	
Fitanium Dioxide (CAS	TWA	5 mg/m3	Respirable fraction.
13463-67-7)		15 mg/m3	Total dust.
		50 mppcf	Total dust.
		15 mppcf	Respirable fraction.
JS. ACGIH Threshold Limit Values			
Components	Туре	Value	Form
Diethyl Phthalate (CAS	TWA	5 mg/m3	
34-66-2)		o mg/mo	
Kaolin (CAS 1332-58-7)	TWA	2 mg/m3	Respirable fraction.
Rubber, Natural (CAS	TWA	0.0001 mg/m3	Inhalable fraction.
9006-04-6) Silica - Crystalline, Quartz	TWA	0.025 mg/m3	Respirable fraction.
CAS 14808-60-7)		0.020 mg/mo	
suzorite (CAS 12001-26-2)	TWA	3 mg/m3	Respirable fraction.
Tertiary Butyl Acetate (CAS	STEL	150 ppm	
540-88-5)	T 14/ A	50	
	TWA	50 ppm	
Tetramethyl thiuram disulfide (CAS 137-26-8)	TWA	0.05 mg/m3	Inhalable fraction and vapor.
Fitanium Dioxide (CAS	TWA	10 mg/m3	vapoi.
		10 mg/mo	
13463-67-7)			
13463-67-7) Foluene (CAS 108-88-3)	TWA	20 ppm	
Γoluene (CAS 108-88-3) Zinc Oxide (CAS	TWA STEL	20 ppm 10 mg/m3	Respirable fraction.
			Respirable fraction. Respirable fraction.

US NIOSH: Pocket Guide to Chemical Hazards

94-66:2) Xaolin (CAS 1332-58-7) TWA 5 mg/m3 Respirable. 10 mg/m3 Total p-Aramid Fiber (CAS TWA 3 fibers/cm3 Fibrous dust. 26125-61-1) 3 fibers/cm3 Fiber. 5 mg/m3 Fiber. 5 mg/m3 Fiber. 10 mg/m3 Silica - Crystalline, Quartz TWA 3 mg/m3 Respirable. 5 mg/m3 Fiber. total 5 mg/m3 Silica - Crystalline, Quartz TWA 3 mg/m3 Respirable. Silica - Crystalline, Quartz TWA 5 mg/m3 Twa Silica - Crystalline Silica - Crystall	US. NIOSH: Pocket Guide Components		pe	Va	alue	Form
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p-Aramid Fiber (CAS 2012-62) TWA 5 fibers/cm3 Fiber, 1201 5 mg/m3 7 fiber, 1201 7	Kaolin (CAS 1332-58-7)	ΤV	VA	5	mg/m3	Respirable.
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1314-13-2) STEL 10 mg/m3 Fume. TWA 5 mg/m3 Fume. 5 mg/m3 Dust. US. Workplace Environmental Exposure Level (WEEL) Guides Components Type Value Benzaldehyde (CAS STEL 17.4 mg/m3 100-52-7) 4 ppm TWA 8.7 mg/m3 2 ppm ogical limit values ACGIH Biological Exposure Indices 2 ppm Components Value Determinant Specimen Sampling Time Toluene (CAS 108-88-3) 0.3 mg/g o-Cresol, with Creatinine in * 0.03 mg/l Toluene Urine * • 0.03 mg/l Toluene Urine * • 0.02 mg/l Toluene Blood * * * - For sampling details, please see the source document. Occupational exposure to nuisance dust (total and respirable) and respirable crystalline silica should be monitored and controlled. US - California OELs: Skin designation Toluene (CAS 108-88-3) Can be absorbed through the skin. US - Galifornia CoLs: Skin designation applies Skin designation applies. </td <td>Zina Ovida (CAC</td> <td>~</td> <td>ling</td> <td></td> <td>••</td> <td>Dust</td>	Zina Ovida (CAC	~	ling		••	Dust
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TWA 5 mg/m3 Fume. 5 mg/m3 Dust. US. Workplace Environmental Exposure Level (WEEL) Guides Components Value Benzaldehyde (CAS STEL 17.4 mg/m3 100-52-7) 4 ppm Benzaldehyde (CAS STEL 17.4 mg/m3 Ogical limit values ACGIH Biological Exposure Indices Components Value Sampling Time Toluene (CAS 108-88-3) 0.3 mg/g o-Creesol, with hydrolysis creational myosure to nuisance dust (total and respirable) and respirable crystalline silica should be monitored and controlled. Toluene (CAS 108-88-3) Osi mg/g Creational exposure to nuisance dust (total and respirable) and respirable crystalline silica should be monitored and controlled. US - California OELs: Skin designation Toluene (CAS 108-88-3) Can be absorbed through the skin. US - California OELs: Skin designation applies. US - California OELs: Skin designation applies. Tol		ST	EL	10) mg/m3	Fume.
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Eye/face protection As generally good practice, safety glasses with side shields are recommended when handling	vidual protection measur	es, such as personal	protective equin	oment		
	Eye/face protection	As generally goo	d practice, safety	glasses with side s		ommended when handling

Skin protection Hand protection Protective gloves are recommended.

Other	Not normally needed.
Respiratory protection	Use a particulate filter respirator for particulate concentrations exceeding the Occupational Exposure Limit.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance	
Physical state	Solid.
Form	Sheets or Gaskets
Color	Off-white.
Odor	Slight fruity or hydracarbon odor.
Odor threshold	Not available.
рН	Not Applicable
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not Applicable
Flash point	Not Applicable
Evaporation rate	Not Applicable
Flammability (solid, gas)	Not available.
Upper/lower flammability or exp	losive limits
Flammability limit - lower (%)	Not Applicable
Flammability limit - lower (%) temperature	Not Applicable
Flammability limit - upper (%)	Not Applicable
Flammability limit - upper (%) temperature	Not Applicable
Explosive limit - lower (%)	Not Applicable
Explosive limit - lower (%) temperature	Not Applicable
Explosive limit - upper (%)	Not Applicable
Explosive limit - upper (%) temperature	Not Applicable
Vapor pressure	Not Applicable
Vapor density	Not Applicable
Relative density	1.6 g/cm3
Solubility(ies)	
Solubility (water)	Not Soluble
Partition coefficient (n-octanol/water)	Not Applicable
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not Applicable
Other information	
Density	100.00 lb/ft ³
Explosive limit	Not Applicable
Flash point class	Not Applicable

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Keep away from heat, sparks and open flame.
Incompatible materials	Strong mineral acids. Strong oxidizing agents. Strong bases.
Hazardous decomposition products	Composition of by-products from the result of a fire will vary depending on the specific conditions. Possible decomposition products include smoke, carbon monoxide, carbon dioxide, acrylonitrile monomer and hydrogen cyanide. There may be others unknown to us.

11. Toxicological information

Information on likely routes of exposure

Inhalation	No adverse effects due to inhalation are expected.
Skin contact	May cause sensitization by skin contact.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	Expected to be a low ingestion hazard.
Symptoms related to the physical, chemical and toxicological characteristics	Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Acute toxicity

Harmful and / or toxic vapors may be produced in the event of thermal decomposition. This product contains constituents that can cause lung and respiratory tract disorders, including irritation, pneumoconiosis and cancer. These substances however are encapsulated in polymeric binders and therefore not bioavailable from the product as supplied. Physical actions such as cutting or grinding may disrupt the matrix producing dust and particulates.

Oral LD50 F Tetramethyl thiuram disulfide (CAS 137 Acute Dermal LD50 F Inhalation LC50 F Oral	łabbit łat '-26-8)		> 1250 mg/kg
Dermal LD50 F Oral LD50 F Tetramethyl thiuram disulfide (CAS 137 Acute Dermal LD50 F Inhalation LC50 F Oral	Rat		> 1250 mg/kg
LD50 F Oral LD50 F Tetramethyl thiuram disulfide (CAS 137 Acute Dermal LD50 F Inhalation LC50 F Oral	Rat		> 1250 mg/kg
Oral LD50 F Tetramethyl thiuram disulfide (CAS 137 <u>Acute</u> Dermal LD50 F Inhalation LC50 F Oral	Rat		> 1250 mg/kg
LD50 F Tetramethyl thiuram disulfide (CAS 137 Acute Dermal LD50 F Inhalation LC50 F Oral		1	
Tetramethyl thiuram disulfide (CAS 137 Acute Dermal LD50 F Inhalation LC50 F Oral		1	
Acute Dermal LD50 F Inhalation LC50 F Oral	/-26-8)		1300 mg/kg
Dermal LD50 F Inhalation LC50 F Oral			
LD50 F Inhalation LC50 F Oral			
Inhalation LC50 F Oral			
LC50 F Oral	Rat	>	> 2000 mg/kg
Oral			
	Rat	(0.5 mg/l, 4 Hours
LD50 F			
	Rat	ξ	560 mg/kg
* Estimates for product may be bas	sed on additional compone	nt data not shown.	
Skin corrosion/irritation Pro	longed skin contact may c	ause temporary irritation.	
Serious eye damage/eye Dir irritation	ect contact with eyes may	cause temporary irritation	1.
Respiratory or skin sensitization			
ACGIH sensitization			
NATURAL RUBBER LATEX, A ALLERGENIC PROTEINS (CA		Dermal sensitization	
		Respiratory sensitizatio	on
THIRAM, INHALABLE FRACT 137-26-8)	ION AND VAPOR (CAS	Dermal sensitization	
Respiratory sensitization No	t a respiratory sensitizer.		
Skin sensitization Ma			
Material name: Style 3200	y cause sensitization by sl	in contact.	

Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.			
Carcinogenicity	mutagenic or genotoxic. In 1997, IARC (the International Agency for Research on Cancer) concluded that crystalline silica inhaled from occupational sources can cause lung cancer in humans. However in making the overall evaluation, IARC noted that "carcinogenicity was not detected in all industrial circumstances studied. Carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution of its polymorphs." (IARC Monographs on the evaluation of the carcinogenic risks of chemicals to humans, Silica, silicates dust and organic fibres, 1997, Vol. 68, IARC, Lyon, France.) In June 2003, SCOEL (the EU Scientific Committee on Occupational Exposure Limits) concluded that the main effect in humans of the inhalation of respirable crystalline silica dust is silicosis. "There is sufficient information to conclude that the relative risk of lung cancer is increased in persons with silicosis (and, apparently, not in employees without silicosis exposed to silica dust in quarries and in the ceramic industry). Therefore, preventing the onset of silicosis will also reduce the cancer risk" (SCOEL SUM Doc 94-final, June 2003) According to the current state of the art, worker protection against silicosis can be consistently assured by respecting the existing regulatory occupational exposure limits. Occupational exposure to respirable dust and respirable crystalline silica should be monitored and controlled.			
IARC Monographs. Overall E	Evaluation of C	arcinogenicity		
p-Aramid Fiber (CAS 26125-61-1)3 Not classifiable as to carcinogenicity to humans.Silica - Crystalline, Quartz (CAS 14808-60-7)1 Carcinogenic to humans.Styrene-butadiene Rubber (CAS 9003-55-8)3 Not classifiable as to carcinogenicity to humans.Tetramethyl thiuram disulfide (CAS 137-26-8)3 Not classifiable as to carcinogenicity to humans.Titanium Dioxide (CAS 13463-67-7)2B Possibly carcinogenic to humans.Toluene (CAS 108-88-3)3 Not classifiable as to carcinogenicity to humans.OSHA Specifically Regulated Substances (29 CFR 1910.101-1052)Silica - Crystalline, Quartz (CAS 14808-60-7)CancerUS. National Toxicology Program (NTP) Report on Carcinogens			ns. carcinogenicity to humans. carcinogenicity to humans. ic to humans. carcinogenicity to humans.	
p-Aramid Fiber (CAS 261 Silica - Crystalline, Quartz				
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.		evelopmental effects.	
Specific target organ toxicity - single exposure	Not classified.			
Specific target organ toxicity - repeated exposure	Not classified.			
Aspiration hazard	Not an aspiration hazard.			
12. Ecological information	1			
Ecotoxicity				ous. However, this does not exclude the ul or damaging effect on the environment.
Product		Species		Test Results
Style 3200				
Aquatic				
	EC50	Daphnia		3623.6646 mg/l, 48 hours estimated
	LC50	Fish		51.1412 mg/l, 96 hours estimated
Components		Species		Test Results
Benzaldehyde (CAS 100-52-7	·)			
Aquatic Fish	LC50	Bluegill (Lepor	nis macrochirus)	0.8 - 1.44 mg/l, 96 hours
Diethyl Phthalate (CAS 84-66-	-2)			
Aquatic				
^ .	E050		1 1 3	

Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	12 mg/l, 96 hours
Tertiary Butyl Acetat	e (CAS 540-88-5)		
Aquatic			
Fish	LC50	Fathead minnow (Pimephales prom	elas) 296 - 362 mg/l, 96 hours

Water flea (Daphnia magna)

EC50

Crustacea

86 mg/l, 48 hours

Components		Species	Test Results	
Tetramethyl thiuram disulfide	(CAS 137-26-8	•		
Aquatic	,	,		
Fish	LC50	Striped catfish (Mystus vittatus)	0.0007 mg/l, 96 hours	
			0.0007 mg/l, 96 hours	
Titanium Dioxide (CAS 13463	3-67-7)			
Aquatic				
Crustacea	EC50	Water flea (Daphnia magna)	> 1000 mg/l, 48 hours	
Fish	LC50	Mummichog (Fundulus heteroclitus)	> 1000 mg/l, 96 hours	
Toluene (CAS 108-88-3)				
Aquatic				
Crustacea	EC50	Water flea (Daphnia magna)	5.46 - 9.83 mg/l, 48 hours	
Fish	LC50	Coho salmon,silver salmon (Oncorhynchus kisutch)	8.11 mg/l, 96 hours	
Zinc Oxide (CAS 1314-13-2)				
Aquatic				
Fish	LC50	Fathead minnow (Pimephales promelas	s) 2246 mg/l, 96 hours	
* Estimates for product may b	be based on add	ditional component data not shown.		
rsistence and degradability	No data is av	ailable on the degradability of this product		
paccumulative potential	No data avail	able.		
Partition coefficient n-octar Benzaldehyde Diethyl Phthalate Tertiary Butyl Acetate Toluene	nol / water (log	Kow) 1.48 2.47 1.76 2.73		
bility in soil	No data avail	able.		
her adverse effects		No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.		
. Disposal consideratio	ns			
sposal instructions	Not available	Not available.		
cal disposal regulations	Dispose in accordance with all applicable regulations.			
zardous waste code		The waste code should be assigned in discussion between the user, the producer and the waste disposal company.		
aste from residues / unused oducts	Dispose of in	accordance with local regulations.		
ntaminated packaging	Not available			
. Transport information				

DOT

Not regulated as dangerous goods.

ΙΑΤΑ

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code

15. Regulatory information

US federal regulations

All components are on the U.S. EPA TSCA Inventory List. This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

TSCA Chemical Action Plans, Chemicals of Concern			
Diethyl Phthalate (CAS 84-66-2)	Phthalates Action Plan		
CERCLA Hazardous Substance List (40 CFR 302.4)			
Diethyl Phthalate (CAS 84-66-2) Tertiary Butyl Acetate (CAS 540-88-5)	Listed. Listed.		
Tetramethyl thiuram disulfide (CAS 137-26-8)	Listed.		
Toluene (CAS 108-88-3)	Listed.		
Zinc Oxide (CAS 1314-13-2)	Listed.		
SARA 304 Emergency release notification			
Not regulated. OSHA Specifically Regulated Substances (29 CFR 1910.	1001 1052)		
Silica - Crystalline, Quartz (CAS 14808-60-7)	Cancer		
$\frac{1}{2} \frac{1}{2} \frac{1}$	lung effects		
	immune system effects		
	kidney effects		
Superfund Amendments and Reauthorization Act of 1986 (Sa SARA 302 Extremely hazardous substance	ARA)		
Not listed.			
SARA 311/312 Hazardous No (Exempt)			
chemical			
SARA 313 (TRI reporting)			
Not regulated.			
Other federal regulations			
Clean Air Act (CAA) Section 112 Hazardous Air Pollutant	ts (HAPs) List		
Toluene (CAS 108-88-3)			
Clean Air Act (CAA) Section 112(r) Accidental Release P	revention (40 CFR 68.130)		
Not regulated.			
Safe Drinking Water Act Not regulated. (SDWA)			
Drug Enforcement Administration (DEA). List 2, Ess Chemical Code Number	ential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and		
Toluene (CAS 108-88-3)	6594		
Drug Enforcement Administration (DEA). List 1 & 2 I	• • • • • • • •		
Benzaldehyde (CAS 100-52-7) Toluene (CAS 108-88-3)	50 %WV 35 %WV		
DEA Exempt Chemical Mixtures Code Number			
Benzaldehyde (CAS 100-52-7)	8256		
Toluene (CAS 108-88-3)	594		
FEMA Priority Substances Respiratory Health and S			
Benzaldehyde (CAS 100-52-7)	High priority		
US state regulations			
California Proposition 65			
	er and Toxic Enforcement Act of 2016 (Proposition 65): This product to the State of California to cause cancer, birth defects or other		
California Proposition 65 - CRT: Listed date/Carcino	genic substance		
p-Aramid Fiber (CAS 26125-61-1)	Listed: July 1, 1990		
Silica - Crystalline, Quartz (CAS 14808-60-7)	Listed: October 1, 1988		
Titanium Dioxide (CAS 13463-67-7)	Listed: September 2, 2011		
California Proposition 65 - CRT: Listed date/Develop			
Toluene (CAS 108-88-3) US. California. Candidate Chemicals List. Safer Con	Listed: January 1, 1991 sumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3,		
subd. (a))			
Diethyl Phthalate (CAS 84-66-2)			
p-Aramid Fiber (CAS 26125-61-1)			
Silica - Crystalline, Quartz (CAS 14808-60-7) Tetramethyl thiuram disulfide (CAS 137-26-8)			
Titanium Dioxide (CAS 13463-67-7)			

Toluene (CAS 108-88-3)

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Toxic Chemical Substances (TCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date	08-19-2015
Revision date	03-26-2018
Version #	02
Further information	This SDS supersedes the SDS dated: August 19, 2015
Disclaimer	The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.