

Revised Date: 09-09-2015

Supersedes: JUNE 1989

1. Identification

Product identifier Other means of identification SDS number Synonyms Recommended use Recommended restrictions	Floor Grip 19LG 222 Light Gray Floor Grip Not available. Not available.	
Manufacturer/Importer/Supplier/Dist Manufacturer/Supplier General Assistance E-Mail Contact Person Emergency Telephone	ributor information Farwest Paint Manufacturing Co. 4522 South 133rd Street, Tukwila, Washington 98168 (Farwest) (206) 244-8844 Not available. Not available. (Chemtrec) (800)424-9300 24 Hour Eme	ergency Assistance
2. Hazard(s) Identification		
Physical hazards Health hazards	Flammable liquid Acute toxicity, inhalation Skin corrosion/irritation Serious eye damage/eye irritation Germ cell mutagenicity Carcinogenicity Reproductive toxicity Specific target organ toxicity, repeated exposure Aspiration hazard	Category 3 Category 4 Category 2 Category 2A Category 1B Category 1A Category 2 Category 2 Category 1
Label elements		
Signal word	Danger	
Unknown Toxicity Hazard statement	11 % of the mixture consists of ingredien toxicity. Flammable liquid and vapor. Harmful if i irritation. Causes serious eye irritation. I defects. May cause cancer. Suspected of the unborn child. May cause damage to	inhaled. Causes skin May cause genetic f damaging fertility or



Precautionary statement	prolonged or repeated exposure. May be fatal if swallowed and enters airways.
Prevention	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take action to prevent static discharges. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Wash skin thoroughly after handling. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.
Response	IF ON SKIN (or hair): Take off Immediately all contaminated clothing. Rinse SKIN with water/shower. In case of fire: Use foam, CO ₂ , dry chemical, or water fog for extinction. IF INHALED: Remove person to fresh air and Keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: wash with plenty of soap and water. IF SKIN irritation occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF eye irritation persists: Get medical advice/attention. IF exposed or concerned: Get medical advice/attention. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.
Storage	Store in a well-ventilated place. Keep cool. Store locked up. Keep container tightly closed.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None known.

3. Composition/information on ingredients

Mixtures

<u>Chemical name</u>	<u>CAS number</u>	<u>%</u>
Natural mineral quartz (Sand)	14808-60-7	36
Calcium carbonate (Limestone)	1317-65-3	29



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Xylene	1330-20-7	13.3
Talc	14807-96-6	
Acetone	67-64-1	
Barium sulfate	7727-43-7	
Isobutyl acetate	110-19-0	
n-butyl acetate	123-86-4	
Titanium dioxide	13463-67-7	1.11
Zinc Phosphate	7779-90-0	
1,2-Dimethybenzene	95-47-6	
Ethyl benzene	100-41-4	
Light aromatic solvent	64742-95-6	
Zinc oxide	1314-13-2	
Methanol	67-56-1	0.41
M-Amine	141-43-5	0.28

4. First-aid measures

Inhalation Skin contact	Remove victim to fresh air. If respiratory symptoms develop, seek medical attention at once. Promptly wash with soap and water. Remove and wash any contaminated clothing before reuse.
Eye contact	Flush with large quantities of water for 15 minutes and seek medical attention.
Ingestion	If ingested do not induce vomiting; keep person warm and quiet and get medical attention. Aspiration of material into lungs can cause chemical pneumonitis which can be fatal.
Most important symptoms/effects, acute and delayed	Excessive exposure to vapors, spray mist may lead to headache, dizziness, nausea and loss of consciousness. Some reports have associated prolonged occupational over exposure to solvents with permanent brain and nervous system damage. Can cause irritation sensitization or defatting of the skin of upon prolonged contact.
Indication of immediate medical attention and special treatment	All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be
needed	given to the possibility that overexposure to materials other than this product may have occurred.
General information	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.



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5. Fire-fighting measures

Suitable extinguishing media Unsuitable extinguishing media Specific hazards arising from the chemical Special protective equipment and precautions for firefighters	 Foam, CO₂, Dry Chemical, or Water Fog. Water may be unsuitable as an extinguishing medium, but helpful in keeping adjacent containers cool. Vapors may form an explosive mixture in air and may be ignited by sparks, pilot lights etc. Closed containers may rupture when exposed to extreme heat. Firefighters and others exposed to vapors or products of combustion should wear self-contained breathing apparatus. Evacuate area of unprotected personnel. Wear protective clothing.
6. Accidental release measures	
Personal precautions, protective equipment and emergency procedures Methods and materials for containment and cleaning up	Keep unnecessary and unprotected personnel from entering. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. See Section 8 of the SDS for Personal Protective Equipment. Remove all sources of ignition. Ventilate area .Absorb spill with an absorbent material such as saw dust, vermiculate or sand and place material into closed container.
	If large spill, dike area to prevent this material from entering water system or sewers. Wear protective equipment during cleanup.

7. Ha	andling	and sto	orage
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Precautions for safe handling	Do not get in eyes, on skin or clothing. Do not allow contaminated clothing to contact skin. Wear suitable protective equipment. Refer to section 8 for "Exposure controls / personal protection."
Conditions for safe storage, including any incompatibilities	KEEP OUT OF THE REACH OF CHILDREN. Keep away from heat and flame. This material may cause sensitization. Do not weld on full or empty containers. Keep containers closed when not in use, and properly labeled.



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8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)		
Components	Туре	Value
Calcium carbonate	PEL (TWA)	15 mg/m ³ (total) 5 mg/m ³ (resp)
Quartz	PEL (TWA)	30 mg/m ³
Xylene	PEL (TWA)	100 ppm (435 mg/m ³)
Talc	PEL (TWA)	20 mppcf
Acetone	PEL (TWA)	$1000 \text{ ppm} (2400 \text{ mg/m}^3)$
Barium sulfate	PEL (TWA)	15 mg/m^3 (total) 5 mg/m^3 (resp)
Isobutyl acetate	PEL (TWA)	150 ppm (700 mg/m 3)
n-butyl acetate	PEL (TWA)	150 ppm (710 mg/m3)
Titanium dioxide	PEL (TWA)	15 mg/m ³
1,2-Dimethybenzene	PEL (TWA)	100 ppm (435 mg/m ³)
Ethyl benzene	PEL (TWA)	100 ppm (435 mg/m ³)
Zinc oxide	PEL (TWA)	5 mg/m ³ (fume)
		15 mg/m ³ (total dust)
		5 mg/m ³ (resp dust)
Methanol	PEL (TWA)	260 mg/m ³
M-amine	PEL (TWA)	3 ppm (6 mg/m ³)
US. OSHA Table Z-1 (29 CFR 1910	.1000)	
Components	Туре	Value
Components Calcium carbonate	Type TWA	Value 15 mg/m ³ (total) 5 mg/m ³ (resp)
-		
Calcium carbonate	TWA	15 mg/m ³ (total) 5 mg/m ³ (resp) 100 ppm (435 mg/m ³) 1000 ppm (2400 mg/m ³)
Calcium carbonate Xylene	TWA TWA	15 mg/m ³ (total) 5 mg/m ³ (resp) 100 ppm (435 mg/m ³)
Calcium carbonate Xylene Acetone	TWA TWA TWA	15 mg/m ³ (total) 5 mg/m ³ (resp) 100 ppm (435 mg/m ³) 1000 ppm (2400 mg/m ³) 15 mg/m ³ (total) 5 mg/m ³ (resp) 150 ppm (700 mg/m ³)
Calcium carbonate Xylene Acetone Barium sulfate Isobutyl acetate n-butyl acetate	TWA TWA TWA TWA	15 mg/m ³ (total) 5 mg/m ³ (resp) 100 ppm (435 mg/m ³) 1000 ppm (2400 mg/m ³) 15 mg/m ³ (total) 5 mg/m ³ (resp) 150 ppm (700 mg/m ³) 150 ppm (710 mg/m3)
Calcium carbonate Xylene Acetone Barium sulfate Isobutyl acetate	TWA TWA TWA TWA	15 mg/m ³ (total) 5 mg/m ³ (resp) 100 ppm (435 mg/m ³) 1000 ppm (2400 mg/m ³) 15 mg/m ³ (total) 5 mg/m ³ (resp) 150 ppm (700 mg/m ³) 150 ppm (710 mg/m3) 15 mg/m ³ (total dust)
Calcium carbonate Xylene Acetone Barium sulfate Isobutyl acetate n-butyl acetate Titanium dioxide Ethyl benzene	TWA TWA TWA TWA TWA	15 mg/m ³ (total) 5 mg/m ³ (resp) 100 ppm (435 mg/m ³) 1000 ppm (2400 mg/m ³) 15 mg/m ³ (total) 5 mg/m ³ (resp) 150 ppm (700 mg/m ³) 150 ppm (710 mg/m ³) 15 mg/m ³ (total dust) 100 ppm (435 mg/m ³)
Calcium carbonate Xylene Acetone Barium sulfate Isobutyl acetate n-butyl acetate Titanium dioxide	TWA TWA TWA TWA TWA TWA	15 mg/m ³ (total) 5 mg/m ³ (resp) 100 ppm (435 mg/m ³) 1000 ppm (2400 mg/m ³) 15 mg/m ³ (total) 5 mg/m ³ (resp) 150 ppm (700 mg/m ³) 150 ppm (710 mg/m3) 15 mg/m ³ (total dust) 100 ppm (435 mg/m ³) 5 mg/m ³ (fume)
Calcium carbonate Xylene Acetone Barium sulfate Isobutyl acetate n-butyl acetate Titanium dioxide Ethyl benzene	TWA TWA TWA TWA TWA TWA	15 mg/m ³ (total) 5 mg/m ³ (resp) 100 ppm (435 mg/m ³) 1000 ppm (2400 mg/m ³) 15 mg/m ³ (total) 5 mg/m ³ (resp) 150 ppm (700 mg/m ³) 150 ppm (710 mg/m ³) 15 mg/m ³ (total dust) 100 ppm (435 mg/m ³) 5 mg/m ³ (fume) 15mg/m ³ (total dust)
Calcium carbonate Xylene Acetone Barium sulfate Isobutyl acetate n-butyl acetate Titanium dioxide Ethyl benzene Zinc Oxide	TWA TWA TWA TWA TWA TWA	15 mg/m ³ (total) 5 mg/m ³ (resp) 100 ppm (435 mg/m ³) 1000 ppm (2400 mg/m ³) 15 mg/m ³ (total) 5 mg/m ³ (resp) 150 ppm (700 mg/m ³) 150 ppm (710 mg/m ³) 150 ppm (710 mg/m ³) 15 mg/m ³ (total dust) 100 ppm (435 mg/m ³) 5 mg/m ³ (total dust) 5 mg/m ³ (total dust) 5 mg/m ³ (resp)
Calcium carbonate Xylene Acetone Barium sulfate Isobutyl acetate n-butyl acetate Titanium dioxide Ethyl benzene	TWA TWA TWA TWA TWA TWA	15 mg/m ³ (total) 5 mg/m ³ (resp) 100 ppm (435 mg/m ³) 1000 ppm (2400 mg/m ³) 15 mg/m ³ (total) 5 mg/m ³ (resp) 150 ppm (700 mg/m ³) 150 ppm (710 mg/m ³) 15 mg/m ³ (total dust) 100 ppm (435 mg/m ³) 5 mg/m ³ (fume) 15mg/m ³ (total dust) 5 mg/m ³ (resp) 200 ppm(260 mg/m ³)
Calcium carbonate Xylene Acetone Barium sulfate Isobutyl acetate n-butyl acetate Titanium dioxide Ethyl benzene Zinc Oxide Methanol M-amine	TWA TWA TWA TWA TWA TWA TWA TWA	15 mg/m ³ (total) 5 mg/m ³ (resp) 100 ppm (435 mg/m ³) 1000 ppm (2400 mg/m ³) 15 mg/m ³ (total) 5 mg/m ³ (resp) 150 ppm (700 mg/m ³) 150 ppm (710 mg/m ³) 150 ppm (710 mg/m ³) 15 mg/m ³ (total dust) 100 ppm (435 mg/m ³) 5 mg/m ³ (total dust) 5 mg/m ³ (total dust) 5 mg/m ³ (resp)
Calcium carbonate Xylene Acetone Barium sulfate Isobutyl acetate n-butyl acetate Titanium dioxide Ethyl benzene Zinc Oxide Methanol M-amine US. OSHA Table Z-2 (29 CFR 1910	TWA TWA TWA TWA TWA TWA TWA TWA TWA TWA	15 mg/m ³ (total) 5 mg/m ³ (resp) 100 ppm (435 mg/m ³) 1000 ppm (2400 mg/m ³) 15 mg/m ³ (total) 5 mg/m ³ (resp) 150 ppm (700 mg/m ³) 150 ppm (710 mg/m ³) 15 mg/m ³ (total dust) 100 ppm (435 mg/m ³) 5 mg/m ³ (fume) 15mg/m ³ (total dust) 5 mg/m ³ (resp) 200 ppm(260 mg/m ³)
Calcium carbonate Xylene Acetone Barium sulfate Isobutyl acetate n-butyl acetate Titanium dioxide Ethyl benzene Zinc Oxide Methanol M-amine US. OSHA Table Z-2 (29 CFR 1910 None of the ingredients in	TWA TWA TWA TWA TWA TWA TWA TWA TWA TWA	15 mg/m ³ (total) 5 mg/m ³ (resp) 100 ppm (435 mg/m ³) 1000 ppm (2400 mg/m ³) 15 mg/m ³ (total) 5 mg/m ³ (resp) 150 ppm (700 mg/m ³) 150 ppm (710 mg/m ³) 15 mg/m ³ (total dust) 100 ppm (435 mg/m ³) 5 mg/m ³ (fume) 15mg/m ³ (total dust) 5 mg/m ³ (resp) 200 ppm(260 mg/m ³)
Calcium carbonate Xylene Acetone Barium sulfate Isobutyl acetate n-butyl acetate Titanium dioxide Ethyl benzene Zinc Oxide Methanol M-amine US. OSHA Table Z-2 (29 CFR 1910 None of the ingredients in US. OSHA Table Z-3 (29 CFR 1910	TWA TWA TWA TWA TWA TWA TWA TWA TWA TWA	15 mg/m ³ (total) 5 mg/m ³ (resp) 100 ppm (435 mg/m ³) 1000 ppm (2400 mg/m ³) 15 mg/m ³ (total) 5 mg/m ³ (resp) 150 ppm (700 mg/m ³) 150 ppm (710 mg/m3) 15 mg/m ³ (total dust) 100 ppm (435 mg/m ³) 5 mg/m ³ (fume) 15mg/m ³ (total dust) 5 mg/m ³ (resp) 200 ppm(260 mg/m ³) 3 ppm (6 mg/m ³)
Calcium carbonate Xylene Acetone Barium sulfate Isobutyl acetate n-butyl acetate Titanium dioxide Ethyl benzene Zinc Oxide Methanol M-amine US. OSHA Table Z-2 (29 CFR 1910 None of the ingredients in	TWA TWA TWA TWA TWA TWA TWA TWA TWA TWA	15 mg/m ³ (total) 5 mg/m ³ (resp) 100 ppm (435 mg/m ³) 1000 ppm (2400 mg/m ³) 15 mg/m ³ (total) 5 mg/m ³ (resp) 150 ppm (700 mg/m ³) 150 ppm (710 mg/m ³) 15 mg/m ³ (total dust) 100 ppm (435 mg/m ³) 5 mg/m ³ (fume) 15mg/m ³ (total dust) 5 mg/m ³ (resp) 200 ppm(260 mg/m ³)



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Talc	TWA	20 mppcf	
US. ACGIH Threshold Limit Values			
Components	Туре	Value	
Quartz	TLV (TWA)	(10 mg/m3) / (%SiO2+2)	
Xylene	TLV (TWA)	100ppm	
	TLV (ST)	150ppm	
Acetone	TLV (TWA)	250 ppm	
	TLV (ST)	500 ppm	
Barium sulfate	TLV (TWA)	5 mg/m^3 (no asbestos and $< 1\%$	
		crystalline silica)	
Isobutyl acetate	TLV (TWA)	150 ppm	
n-butyl acetate	TLV (TWA)	150 ppm (710 mg/m3),	
	TLV (ST)	200 ppm (950 mg/m3)	
Titanium dioxide (TiO ₂)	TLV (TWA)	10 mg/m^3	
1,2-Dimethylbenzene	TLV (TWA)	100 ppm (435 mg/m ³)	
	TLV (ST)	150 ppm (655 mg/m³)	
Ethyl benzene	TLV (TWA)	20 ppm	
Methanol	TLV (TWA)	200ppm	
	TLV (ST)	250ppm	
M-amine	TLV (TWA)	3 ppm	
	TLV (ST)	6 ppm	
US. NIOSH: Pocket Guide to Cl	hemical Hazards		
US. NIOSH: Pocket Guide to Cl Components	hemical Hazards Type	Value	
Components Quartz	Type REL (TWA)	0.05 mg/m ³	
Components Quartz Calcium carbonate	Type REL (TWA) REL (TWA)	0.05 mg/m ³ 10 mg/m ³ (total) 5 mg/m ³ (resp)	
Components Quartz	Type REL (TWA) REL (TWA) REL (TWA)	0.05 mg/m ³ 10 mg/m ³ (total) 5 mg/m ³ (resp) 100 ppm (435 mg/m ³)	
Components Quartz Calcium carbonate Xylene	Type REL (TWA) REL (TWA) REL (TWA) REL (ST)	0.05 mg/m ³ 10 mg/m ³ (total) 5 mg/m ³ (resp) 100 ppm (435 mg/m ³) 150 ppm (655 mg/m ³)	
Components Quartz Calcium carbonate Xylene Talc	Type REL (TWA) REL (TWA) REL (TWA) REL (ST) REL (TWA)	0.05 mg/m ³ 10 mg/m ³ (total) 5 mg/m ³ (resp) 100 ppm (435 mg/m ³) 150 ppm (655 mg/m ³) 2 mg/m ³	
Components Quartz Calcium carbonate Xylene Talc Acetone	Type REL (TWA) REL (TWA) REL (TWA) REL (TWA) REL (TWA)	0.05 mg/m ³ 10 mg/m ³ (total) 5 mg/m ³ (resp) 100 ppm (435 mg/m ³) 150 ppm (655 mg/m ³) 2 mg/m ³ 250 ppm (590 mg/m ³)	
Components Quartz Calcium carbonate Xylene Talc Acetone Barium sulfate	Type REL (TWA) REL (TWA) REL (TWA) REL (ST) REL (TWA) REL (TWA)	0.05 mg/m ³ 10 mg/m ³ (total) 5 mg/m ³ (resp) 100 ppm (435 mg/m ³) 150 ppm (655 mg/m ³) 2 mg/m ³ 250 ppm (590 mg/m ³) 10 mg/m ³ (total) 5 mg/m ³ (resp)	
Components Quartz Calcium carbonate Xylene Talc Acetone Barium sulfate Isobutyl acetate	Type REL (TWA) REL (TWA) REL (TWA) REL (ST) REL (TWA) REL (TWA) REL (TWA)	0.05 mg/m ³ 10 mg/m ³ (total) 5 mg/m ³ (resp) 100 ppm (435 mg/m ³) 150 ppm (655 mg/m ³) 2 mg/m ³ 250 ppm (590 mg/m ³) 10 mg/m ³ (total) 5 mg/m ³ (resp) 150 ppm (700 mg/m3)	
Components Quartz Calcium carbonate Xylene Talc Acetone Barium sulfate	Type REL (TWA) REL (TWA) REL (TWA) REL (ST) REL (TWA) REL (TWA) REL (TWA) REL (TWA)	0.05 mg/m ³ 10 mg/m ³ (total) 5 mg/m ³ (resp) 100 ppm (435 mg/m ³) 150 ppm (655 mg/m ³) 2 mg/m ³ 250 ppm (590 mg/m ³) 10 mg/m ³ (total) 5 mg/m ³ (resp) 150 ppm (700 mg/m3) 150 ppm (710 mg/m3)	
Components Quartz Calcium carbonate Xylene Talc Acetone Barium sulfate Isobutyl acetate n-butyl acetate	Type REL (TWA) REL (TWA) REL (TWA) REL (TWA) REL (TWA) REL (TWA) REL (TWA) REL (TWA) REL (TWA) REL (TWA)	0.05 mg/m ³ 10 mg/m ³ (total) 5 mg/m ³ (resp) 100 ppm (435 mg/m ³) 150 ppm (655 mg/m ³) 2 mg/m ³ 250 ppm (590 mg/m ³) 10 mg/m ³ (total) 5 mg/m ³ (resp) 150 ppm (700 mg/m3) 150 ppm (710 mg/m3) 200 ppm (950 mg/m3)	
Components Quartz Calcium carbonate Xylene Talc Acetone Barium sulfate Isobutyl acetate	Type REL (TWA) REL (TWA) REL (TWA) REL (TWA) REL (TWA) REL (TWA) REL (TWA) REL (TWA) REL (TWA) REL (TWA)	0.05 mg/m ³ 10 mg/m ³ (total) 5 mg/m ³ (resp) 100 ppm (435 mg/m ³) 150 ppm (655 mg/m ³) 2 mg/m ³ 250 ppm (590 mg/m ³) 10 mg/m ³ (total) 5 mg/m ³ (resp) 150 ppm (700 mg/m3) 150 ppm (710 mg/m3) 200 ppm (950 mg/m3) 100 ppm (435 mg/m ³)	
Components Quartz Calcium carbonate Xylene Talc Acetone Barium sulfate Isobutyl acetate n-butyl acetate	Type REL (TWA) REL (ST) REL (ST)	0.05 mg/m ³ 10 mg/m ³ (total) 5 mg/m ³ (resp) 100 ppm (435 mg/m ³) 150 ppm (655 mg/m ³) 2 mg/m ³ 250 ppm (590 mg/m ³) 10 mg/m ³ (total) 5 mg/m ³ (resp) 150 ppm (700 mg/m3) 150 ppm (710 mg/m3) 200 ppm (950 mg/m3) 100 ppm (435 mg/m ³) 125 ppm (545 mg/m ³)	
Components Quartz Calcium carbonate Xylene Talc Acetone Barium sulfate Isobutyl acetate n-butyl acetate Ethyl benzene	Type REL (TWA) REL (ST) REL (TWA)	0.05 mg/m ³ 10 mg/m ³ (total) 5 mg/m ³ (resp) 100 ppm (435 mg/m ³) 150 ppm (655 mg/m ³) 2 mg/m ³ 250 ppm (590 mg/m ³) 10 mg/m ³ (total) 5 mg/m ³ (resp) 150 ppm (700 mg/m3) 150 ppm (710 mg/m3) 200 ppm (950 mg/m3) 100 ppm (435 mg/m ³) 125 ppm (545 mg/m ³) 5 mg/m ³ (dust), 5 mg/m ³ (fume)	
Components Quartz Calcium carbonate Xylene Talc Acetone Barium sulfate Isobutyl acetate n-butyl acetate	Type REL (TWA) REL (TWA) REL (TWA) REL (TWA) REL (TWA) REL (TWA) REL (TWA) REL (TWA) REL (TWA) REL (ST) REL (TWA) REL (ST) REL (TWA) REL (Ceiling)	0.05 mg/m ³ 10 mg/m ³ (total) 5 mg/m ³ (resp) 100 ppm (435 mg/m ³) 150 ppm (655 mg/m ³) 2 mg/m ³ 250 ppm (590 mg/m ³) 10 mg/m ³ (total) 5 mg/m ³ (resp) 150 ppm (700 mg/m3) 150 ppm (710 mg/m3) 200 ppm (950 mg/m3) 100 ppm (435 mg/m ³) 125 ppm (545 mg/m ³) 5 mg/m ³ (dust), 5 mg/m ³ (fume) 15 mg/m ³	
Components Quartz Calcium carbonate Xylene Talc Acetone Barium sulfate Isobutyl acetate n-butyl acetate Ethyl benzene	Type REL (TWA) REL (ST) REL (TWA) REL (Ceiling) REL (ST)	0.05 mg/m ³ 10 mg/m ³ (total) 5 mg/m ³ (resp) 100 ppm (435 mg/m ³) 150 ppm (655 mg/m ³) 2 mg/m ³ 250 ppm (590 mg/m ³) 10 mg/m ³ (total) 5 mg/m ³ (resp) 150 ppm (700 mg/m3) 150 ppm (710 mg/m3) 200 ppm (950 mg/m3) 100 ppm (435 mg/m ³) 125 ppm (545 mg/m ³) 5 mg/m ³ (dust), 5 mg/m ³ (fume) 15 mg/m ³ 10 mg/m ³	
Components Quartz Calcium carbonate Xylene Talc Acetone Barium sulfate Isobutyl acetate n-butyl acetate Ethyl benzene	Type REL (TWA) REL (ST) REL (TWA) REL (Ceiling) REL (ST) REL (ST) REL (ST) REL (ST)	0.05 mg/m ³ 10 mg/m ³ (total) 5 mg/m ³ (resp) 100 ppm (435 mg/m ³) 150 ppm (655 mg/m ³) 2 mg/m ³ 250 ppm (590 mg/m ³) 10 mg/m ³ (total) 5 mg/m ³ (resp) 150 ppm (700 mg/m3) 150 ppm (710 mg/m3) 200 ppm (950 mg/m3) 100 ppm (435 mg/m ³) 125 ppm (545 mg/m ³) 5 mg/m ³ (dust), 5 mg/m ³ (fume) 15 mg/m ³ 10 mg/m ³ 200ppm(260 mg/m ³)	
Components Quartz Calcium carbonate Xylene Talc Acetone Barium sulfate Isobutyl acetate n-butyl acetate Ethyl benzene Zinc oxide	Type REL (TWA) REL (ST) REL (TWA) REL (Ceiling) REL (ST) REL (TWA) REL (ST) REL (ST) REL (ST) REL (TWA) REL (ST)	0.05 mg/m ³ 10 mg/m ³ (total) 5 mg/m ³ (resp) 100 ppm (435 mg/m ³) 150 ppm (655 mg/m ³) 2 mg/m ³ 250 ppm (590 mg/m ³) 10 mg/m ³ (total) 5 mg/m ³ (resp) 150 ppm (700 mg/m3) 150 ppm (710 mg/m3) 200 ppm (950 mg/m3) 100 ppm (435 mg/m ³) 125 ppm (545 mg/m ³) 5 mg/m ³ (dust), 5 mg/m ³ (fume) 15 mg/m ³ 200ppm(260 mg/m ³) 250ppm(325 mg/m ³)	
Components Quartz Calcium carbonate Xylene Talc Acetone Barium sulfate Isobutyl acetate n-butyl acetate Ethyl benzene Zinc oxide	Type REL (TWA) REL (ST) REL (TWA) REL (Ceiling) REL (ST) REL (ST) REL (ST)	0.05 mg/m ³ 10 mg/m ³ (total) 5 mg/m ³ (resp) 100 ppm (435 mg/m ³) 150 ppm (655 mg/m ³) 2 mg/m ³ 250 ppm (590 mg/m ³) 10 mg/m ³ (total) 5 mg/m ³ (resp) 150 ppm (700 mg/m3) 150 ppm (710 mg/m3) 200 ppm (950 mg/m3) 100 ppm (435 mg/m ³) 125 ppm (545 mg/m ³) 5 mg/m ³ (dust), 5 mg/m ³ (fume) 15 mg/m ³ 10 mg/m ³ 200ppm(260 mg/m ³)	



Appropriate engineering controls	General ventilation is required during normal use. Local ventilation may be required during certain operations to keep exposure level below the limits.
Individual protection measures, s	uch as personal protective equipment
Eye/face protection	Wear face shield or chemical goggles.
Skin protection	
Hand protection	Wear chemical resistant nitrile, neoprene or rubber gloves.
Other	Wear protective clothing to prevent skin contact. Eye wash station and safety shower should be available.
Respiratory protection	A canister-type respirator must be worn to prevent the inhalation of vapors or spray mist when the TLV are PEL is exceeded.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	Keep work area clean and free from spills and leaks. Always wash hands thoroughly with soap and water before handling food, drink or smoking.

9. Physical and chemical properties

Appearance	Gray thixotropic material.
Physical state	Liquid.
Form	Liquid.
Color	Gray
Odor	Sweet aromatic odor.
Odor threshold	Not available.
рН	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	281-284 °F
Flash point	80 °F TCC
Evaporation rate	Slower than ether.
Flammability (solid, liquid, gas)	Flammable liquid and vapor.
Upper/lower flammability or explosive	limits
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Explosive limit - lower (%)	1.5
Explosive limit - upper (%)	7
Vapor pressure	9.5 mm Hg at 20 °C
Vapor density	Heavier than air.
Volatile by volume (%)	40%
Volatile organic compounds (VOCs)	354 Grams/Liter (Less Water)
Density (Weight/Gallon)	14.12 lbs
Solubility(ies)	



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Solubility (water)
Partition coefficient (n-octanol/water)
Auto-ignition temperature
Decomposition temperature
Viscosity

Nil. Not available. Not available. Not available. Not available.

10. Stability and reactivity

Reactivity	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	Stable under normal storage conditions.
Possibility of hazardous reactions	Hazardous polymerization reaction will not occur.
Conditions to avoid	Heat, sparks and open flame. If product contains aluminum, moisture in closed containers will generate hydrogen gas.
Incompatible materials	Strong oxidants, acids, bases and epoxy hardeners under uncontrolled conditions.
Hazardous decomposition Products	Incomplete combustion can yield carbon monoxide and toxic vapors.

11. Toxicological information

Information on likely routes of exposure

Ingestion	May be harmful if s	wallowed.	
Inhalation			che, dizziness, nausea, and
	loss of consciousne		
Skin contact	May cause irritation repeated contact.	n, sensitization, or	defatting of skin upon
Eye contact	Irritation of the eye	25.	
Symptoms related to the physical,	May cause irritation	n, sensitization, or	defeating of skin upon
chemical and toxicological	prolonged or repea	ted contact. Vapo	rs or spray mist can result
characteristics	in headache, dizzin reports associated		ss of consciousness. Some posure results in
	permanent brain a		-
Delayed and immediate effects and	Irritation, sensitizat		
also chronic effects from short- and	dizziness, nausea a	-	
long-term exposure			and nervous system
	damage.		
Numerical measures of toxicity			
Components	Test	Species	Test Results
Xylene (CAS 1330-20-7)	Oral LD ₅₀	Rat	3523 mg/kg
	Dermal LD ₅₀	Rabbit	4300 mg/kg
	Inhalation LC ₅₀	Rat	6350 ppm,4h
Crystalline silica (CAS 14808-60-7)	Oral LD ₅₀	Rat	>2000 mg/kg



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Acetone (CAS 67-64-1)	Oral LD ₅₀	Rat	5800 mg/kg
	Dermal LD ₅₀	Rabbit	7400 mg/kg
	Inhalation LC ₅₀	Rat	76 mg/l, 4h
N-Butyl acetate (CAS 123-86-4)	Oral LD ₅₀	Rat	13100 mg/kg
	Dermal LD ₅₀	Rabbit	>5000 mg/kg
	Inhalation LC_{50}	Rat	>21.0 mg/l,4h
Titanium dioxide (CAS 13463-67-7)	Oral LD ₅₀	Rat	> 5000 mg/kg
	Inhalation LC_{50}	Rat	> 3.43 mg/l, 4h
Ethyl benzene (CAS 100-41-4)	Oral LD ₅₀	Rat	3500 mg/kg
	Dermal LD ₅₀	Rabbit	17800 mg/kg
	Inhalation LC ₅₀	Rat	9.6 mg/l,4h
Light aromatic solvent (CAS	Oral LD ₅₀	Rat	>14000 mg/kg
64742-95-6)	Dermal LD ₅₀	Rabbit	>2000 mg/kg
	Inhalation LC_{50}	Rat	6,000 - 10,000 mg/m³, 4h
Methanol (CAS 67-56-1)	Oral LD ₅₀	Rat	300 mg/kg
	Dermal LD ₅₀	Rabbit	1000 mg/kg
	Inhalation LC_{50}	Rat	10 mg/l, 4h
Skin corrosion/irritation	Causes skin irrit	ation.	
Serious eye damage/eye irritation	Causes serious e	eye irritation.	
Respiratory or skin sensitization			
Respiratory sensitization	No data availab	le.	
Skin sensitization	Based on availa	ble data, the cla	ssification criteria are not met.
Germ cell mutagenicity	May cause gene	tic defects.	
Carcinogenicity	May cause canc	er.	
IARC Monographs. Overall Evalu	ation of Carcinogeni	city	
Quartz (CAS 14808-60-7)	1 "Carcinogenic	to Humans".	
Talc (CAS 14807-96-6)	1 "Carcinogenic	to Humans".	
Titanium dioxide	2B "Possibly Car	cinogenic to Hu	ımans".
(CAS 13463-67-7)			
Ethyl benzene (CAS 100-41-4)	2B "Possibly Car	cinogenic to Hu	ımans".
NTP Report on Carcinogens			
Quartz (CAS 14808-60-7)	"Known to be a		-
US. OSHA Specifically Regulated	-	1910.1001-105	0)
Quartz (CAS 14808-60-7)	Not listed		
Talc (CAS 14807-96-6)	Not listed		
Titanium dioxide (CAS 13463-			
Ethyl benzene (CAS 100-41-4)	Not listed		
Reproductive toxicity	•		rtility or the unborn child.
Specific target organ toxicity -	Based on a	vailable data, tl	ne classification criteria are not
single exposure	met.		
Specific target organ toxicity -	•		ans through prolonged or
repeated exposure	repeated e	xposure.	



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Aspiration hazard

May be fatal if swallowed and enters airways.

12. Ecological information

Numerical measures of to	oxicity			
Components	Test		Species	Test Results
Xylene (CAS 1330-20-7)	Fish LC ₅₀		Fathead minnow	13.4 mg/l, 96h
			(Pimephales promelas)	
	Crustacea E	C ₅₀	Water flea	> 3.4 mg/l, 48h
			(Ceriodaphnia dubia)	
	Algae EC ₅₀		Microalga	4.9 mg/l,72h
			(Selenastrum capricornutum)	
Acetone (CAS 67-64-1)	Fish LC ₅₀		Fathead minnow	96 mg/l, 96h
			(Pimephales promelas)	
	Crustacea E	C ₅₀	Water flea	10 mg/l, 48h
			(Daphnia magna)	
Titanium dioxide (CAS	Crustacea E	C ₅₀	Water flea	>100 mg/l, 48h
13463-67-7)			(Daphnia magna)	
Ethylbenzene	Fish LC ₅₀		Rainbow trout	4.2 mg/l, 96h
(CAS 100-41-4)		-	(Oncorhynchus mykiss)	
	Crustacea E	C ₅₀	Water flea	1.81 mg/l , 48h
			(Daphnia magna)	
	Algae EC ₅₀		Microalga	4.6 mg/l, 72h
Light aromatic columnt	Fich IC		(<i>Selenastrum capricornutum</i>) Rainbow trout	$0.2 mg/l_0 Ch$
Light aromatic solvent (CAS 64742-95-6)	Fish LC ₅₀		(Oncorhynchus mykiss)	9.2 mg/l, 96h
(CAS 04742-95-0)			(Oncomynenus mykiss)	
Persistence and degrada	bility	Not availa	ble.	
Bioaccumulative potentia	-	Not availa	ble.	
Mobility in soil		Not availa	ble.	
Other adverse effects		Not availa	ble.	
13. Disposal consideration	ons			
Disposal instructions		If discarde	ed, this materials and containers s	hould be treated as
		hazardous	waste based on the characterist	ic of ignitability as
		defined ur	nder Federal RCRA Regulations(40) CFR 261). Disposal
		of this ma	terial or its containers requires co	ompliance with
		applicable	labeling, packaging and record k	eeping standards.
Hazardous waste code				
US RCRA Hazardous	Waste U List	Reference		

Xylene (CAS 1330-20-7)	U239
Acetone (CAS 67-64-1)	U002



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1,2-Dimethybenzene (CAS 95-47-6)
Methanol (CAS 67-56-1)
Waste from residues / unused products

U239 U154

Dispose in accordance with local, state, and federal agencies. Ground handling equipment to prevent sparks. Do not reuse empty containers.

Contaminated packaging

14. Transport information

DOT

UN number UN proper shipping name Transport hazard class(es) Class Subsidiary risk Label(s)

UN 1263 PAINT RELATED MATERIAL

3



Packing group Environmental hazards Marine pollutant Special precautions for user

Yes

Ш

Read safety instructions, SDS and emergency procedures before handling.

IATA

UN number UN proper shipping name Transport hazard class(es) Class Subsidiary risk Label(s) UN 1263 Paint Related Material

3

Yes

3L

3 - Flammable liquid



Packing group Environmental hazards ERG Code Special precautions for user

Read safety instructions, SDS and emergency procedures before handling.

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IMDG	
UN number	UN 1263
UN proper shipping name	PAINT RELATED MATERIAL
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Label(s)	3 - Flammable liquid
Packing group	III
Environmental hazards	
Marine pollutant	Yes
EMS	F-A, S-D
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC	Not available.

Code

15. Regulatory information				
US federal regulations	•	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.		
	All compon	nents are on the U.S. EPA TSCA Inventory List.		
TSCA Section 12(b) Export N None of the ingredier		• •		
US. OSHA Specifically Regula	ated Substances	s (29 CFR 1910.1001-1050)		
Quartz (CAS 14808-60)-7)	Listed		
Calcium carbonate (C	AS 1317-65-3)	Listed		
Xylene (CAS 1330-20-	7)	Listed		
Talc (CAS 14807-96-6)		Listed		
Acetone (CAS 67-64-1)	Listed		
Barium sulfate (CAS 7	727-43-7)	Listed		
Isobutyl acetate (CAS	110-19-0)	Listed		
n-butyl acetate (CAS 1	L23-86-4)	Listed		
Titanium dioxide (CAS	13463-67-7)	Listed		
1,2-Dimethybenzene	•	Listed		
Ethyl benzene (CAS 10	. ,	Listed		
Zinc oxide (CAS 1314-		Listed		



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Methanol (CAS 67-56-1)		Listed			
M-amine (CAS 141-43-5		Listed			
CERCLA Hazardous Substance	List (40 CFR 30	2.4)			
Xylene (CAS 1330-20-7)		Listed			
Acetone (CAS 67-64-1)		Listed			
Isobutyl acetate (CAS 11	LO-19-0)	Listed			
n-butyl acetate (CAS 12	3-86-4)	Listed			
1,2-Dimethybenzene (C	AS 95-47-6)	Listed			
Ethyl benzene (CAS 100	-41-4)	Listed			
Methanol (CAS 67-56-1)		Listed			
Superfund Amendments and F	Reauthorizatio	n Act of 1	986 (SAR	A)
Hazard categories	Immediate	Hazard		-	Yes
	Delayed Ha	zard		-	Yes
	Fire Hazard			-	Yes
	Pressure Ha	zard		-	No
	Reactivity H	azard		-	No
SARA 302/304 Extremely haza	rdous substan	ce			
None of the ingredient	in this product	is listed.			
SARA 311/312 Hazardous cher	nical		Yes		

SARA 313 (TRI reporting)

Chemical Name	CAS number	% by wt.	
Xylene	1330-20-7	13.3	
1,2-Dimethybenzene	95-47-6	<1.11	
Ethyl benzene	100-41-4	<1.11	
Methanol	67-56-1	0.41	

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Xylene (CAS 1330-20-7) 1,2-Dimethybenzene (CAS 95-47-6) Ethyl benzene (CAS 100-41-4) Methanol (CAS 67-56-1)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) None of the ingredient in this product is listed.

Safe Drinking Water Act (SDWA)

Methanol (CAS 67-56-1)

US State regulations

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

US. New Jersey Worker and Community Right-to-Know Act

Quartz (CAS 14808-60-7) Calcium carbonate (CAS 1317-65-3) Xylene (CAS 1330-20-7) Talc (CAS 14807-96-6)



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Acetone (CAS 67-64-1) Barium sulfate (CAS 7727-43-7) Isobutyl acetate (CAS 110-19-0) n-butyl acetate (CAS 123-86-4) Titanium dioxide (CAS 13463-67-7) 1,2-Dimethybenzene (CAS 95-47-6) Ethyl benzene (CAS 100-41-4) Zinc oxide (CAS 1314-13-2) Methanol (CAS 67-56-1) M-amine (CAS 141-43-5) US. Pennsylvania Worker and Community Right-to-Know Law Quartz (CAS 14808-60-7) Calcium carbonate (CAS 1317-65-3) Xylene (CAS 1330-20-7) Talc (CAS 14807-96-6) Acetone (CAS 67-64-1) Barium sulfate (CAS 7727-43-7) Isobutyl acetate (CAS 110-19-0) n-butyl acetate (CAS 123-86-4) Titanium dioxide (CAS 13463-67-7) 1,2-Dimethybenzene (CAS 95-47-6) Ethyl benzene (CAS 100-41-4) Zinc oxide (CAS 1314-13-2) Methanol (CAS 67-56-1) M-amine (CAS 141-43-5) **US. California Proposition 65** US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance Quartz (CAS 14808-60-7) Talc (CAS 14807-96-6) Titanium dioxide (CAS 13463-67-7) Ethyl benzene (CAS 100-41-4) Methanol (CAS 67-56-1) **International Inventories** On inventory (yes/no) Country(s) or region Inventory name Canada Domestic Substances List (DSL) No Canada Non- Domestic Substances List (NDSL) No Europe European Inventory of Existing Commercial Yes Chemical Substances (EINECS) Europe European List of Notified Chemical Yes Substances (ELINCS) **United States &** Toxic Substances Control Act (TSCA) Yes Puerto Rico Inventory *A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

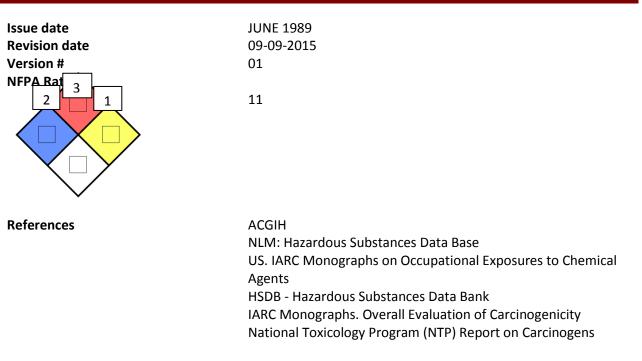


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A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

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



Disclaimer

The information, recommendations, and suggestions presented in this SDS are based upon test results and data believed to be reliable. The end user of the product has the responsibility for evaluating the adequacy of the data under the conditions of use, determining the safety, toxicity and suitability of the product under these conditions, and obtaining additional or clarifying information where uncertainty exists. No guarantee expressed or implied is made as to the effects of such use, the results to be obtained, or the safety and toxicity of the product in any specific application. Furthermore, the information herein is not represented as absolutely complete, since it is not practicable to provide all the scientific and study information in the format of this document, plus additional information may be necessary under exceptional conditions of use, or because of applicable laws or government regulations. All materials may present unknown hazards and should be used with caution.