

Revised Date: 09-09-2015

Supersedes: JUNE 1989

1. Identification

Product identifier	Floor Grip	
Other means of identification		
SDS number	19	
Synonyms	1007-X	
Recommended use	Not available.	
Recommended restrictions	Not available.	
Manufacturer/Importer/Supplier/Distributor information		
Manufacturer/Supplier	Farwest Paint Manufacturing Co.	
	4522 South 133rd Street,	
	Tukwila, Washington 98168	
General Assistance	(Farwest) (206) 244-8844	

Danger

E-Mail Contact Person Emergency Telephone ibutor 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 Emergency Assistance

2. Hazard(s) Identification

Physical hazards Health hazards

Flammable liquid	Category 3
Acute toxicity, inhalation	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1A
Reproductive toxicity	Category 2
Specific target organ toxicity, repeated	Category 2
exposure	
Aspiration hazard	Category 1

Label elements

Signal word

Unknown Toxicity

Hazard statement

11 % of the mixture consists of ingredient(s) of unknown toxicity.Flammable liquid and vapor. Harmful if inhaled. Causes skin

irritation. Causes serious eye irritation. May cause genetic defects. May cause cancer. Suspected of damaging fertility or the unborn child. May cause damage to organs through



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

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



67-56-1

141-43-5

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0.41

0.28

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	

4. First-aid measures

Methanol

M-Amine

Inhalation	Remove victim to fresh air. If respiratory symptoms develop, seek medical attention at once.
Skin contact	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 needed	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.
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	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.
Methods and materials for containment and cleaning up	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. Handling and storage	

Precautions for safe handlingDo 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 incompatibilitiesKEEP 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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Talc

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8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) **Components** Type Value 15 mg/m^3 (total) 5 mg/m^3 (resp) PEL (TWA) Calcium carbonate 30 mg/m^3 Quartz PEL (TWA) 100 ppm (435 mg/m³) **Xvlene** PEL (TWA) Talc PEL (TWA) 20 mppcf $1000 \text{ ppm} (2400 \text{ mg/m}^3)$ Acetone PEL (TWA) 15 mg/m^3 (total) 5 mg/m^3 (resp) Barium sulfate PEL (TWA) PEL (TWA) $150 \text{ ppm} (700 \text{ mg/m}^3)$ Isobutyl acetate n-butyl acetate PEL (TWA) 150 ppm (710 mg/m3) 15 mg/m^3 Titanium dioxide PEL (TWA) $100 \text{ ppm} (435 \text{ mg/m}^3)$ 1,2-Dimethybenzene PEL (TWA) $100 \text{ ppm} (435 \text{ mg/m}^3)$ Ethyl benzene PEL (TWA) 5 mg/m^3 (fume) Zinc oxide PEL (TWA) 15 mg/m^3 (total dust) 5 mg/m^3 (resp dust) PEL (TWA) 260 mg/m^{3} Methanol M-amine PEL (TWA) $3 \text{ ppm} (6 \text{ mg/m}^3)$ US. OSHA Table Z-1 (29 CFR 1910.1000) Value **Components** Type Calcium carbonate TWA 15 mg/m^3 (total) 5 mg/m^3 (resp) $100 \text{ ppm} (435 \text{ mg/m}^3)$ TWA **Xylene** 1000 ppm (2400 mg/m³) Acetone TWA 15 mg/m^3 (total) 5 mg/m^3 (resp) Barium sulfate TWA $150 \text{ ppm} (700 \text{ mg/m}^3)$ Isobutyl acetate TWA 150 ppm (710 mg/m3) n-butyl acetate TWA 15 mg/m^3 (total dust) Titanium dioxide TWA Ethyl benzene TWA $100 \text{ ppm} (435 \text{ mg/m}^3)$ 5 mg/m^3 (fume) Zinc Oxide TWA 15mg/m^3 (total dust) 5 mg/m^3 (resp) $200 \text{ ppm}(260 \text{ mg/m}^3)$ Methanol TWA M-amine TWA $3 \text{ ppm} (6 \text{ mg/m}^3)$ US. OSHA Table Z-2 (29 CFR 1910.1000) None of the ingredients in this product is listed. US. OSHA Table Z-3 (29 CFR 1910.1000) **Components** Туре Value Quartz TWA (10 mg/m3) / (%SiO2+2)

TWA

20 mppcf



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US. ACGIH Threshold Limit Val	lues		
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/m ³)	
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 Chemical Hazards			
03. NIOSH: POCKEL GUIDE LO CI	nemical Hazards		
		Value	
Components Quartz	Type REL (TWA)	Value 0.05 mg/m ³	
Components	Туре		
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 Calcium carbonate	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) 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) 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) 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 Isobutyl acetate	Type 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)	
Components Quartz Calcium carbonate Xylene Talc Acetone Barium sulfate Isobutyl acetate n-butyl acetate	Type REL (TWA) REL (TWA) REL (TWA) REL (ST) 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 n-butyl acetate Ethyl benzene	Type 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 Ethyl benzene Zinc oxide	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 (TWA) REL (TWA) REL (TWA) REL (TWA) REL (TWA) REL (TWA) REL (TWA) REL (TWA) REL (ST) 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 Zinc oxide	Type REL (TWA) REL (ST) REL (ST) REL (TWA) REL (Ceiling) 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 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 (ST) REL (Ceiling) 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)	



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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	Clear thixotropic material.
Physical state	Liquid.
Form	Liquid.
Color	Clear or color of tint.
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 l	imits
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 (%)	37.53%
Volatile organic compounds (VOCs)	327 Grams/Liter (Less Water)
Density (Weight/Gallon)	14.12 lbs
Solubility(ies)	
Solubility (water)	Nil.
Partition coefficient (n-octanol/water)	Not available.



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Auto-ignition temperature
Decomposition temperature
Viscosity

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

are		
May be harmful if	swallowed.	
Harmful if inhaled.	May cause headad	che, dizziness, nausea, and
loss of consciousne	ess.	
May cause irritatio	n, sensitization, or	defatting of skin upon
repeated contact.		
Irritation of the eye	es.	
May cause irritatio	n, sensitization, or	defeating of skin upon
prolonged or repea	ated contact. Vapo	rs or spray mist can result
in headache, dizzin	ess, nausea and lo	ss of consciousness. Some
reports associated	with prolonged ex	posure results in
permanent brain a	nd nervous system	i damage.
Irritation, sensitiza	tion, or defeating o	of skin. Headache,
dizziness, nausea a	nd loss of consciou	usness. Prolonged
exposure results in	permanent brain	and nervous system
damage.		
Test	Species	Test Results
Oral LD ₅₀	Rat	3523 mg/kg
Dermal LD ₅₀	Rabbit	4300 mg/kg
Inhalation LC_{50}	Rat	6350 ppm,4h
Oral LD ₅₀	Rat	>2000 mg/kg
Oral LD ₅₀	Rat	5800 mg/kg
Dermal LD ₅₀	Rabbit	7400 mg/kg
	May be harmful if a Harmful if inhaled. loss of consciousne May cause irritatio repeated contact. Irritation of the eye May cause irritatio prolonged or repea in headache, dizzin reports associated permanent brain a Irritation, sensitiza dizziness, nausea a exposure results in damage. Test Oral LD ₅₀ Dermal LD ₅₀ Inhalation LC ₅₀ Oral LD ₅₀	May be harmful if swallowed.Harmful if inhaled. May cause headadeloss of consciousness.May cause irritation, sensitization, orrepeated contact.Irritation of the eyes.May cause irritation, sensitization, orprolonged or repeated contact. Vapoin headache, dizziness, nausea and loreports associated with prolonged expermanent brain and nervous systemIrritation, sensitization, or defeating ofdizziness, nausea and loss of consciouexposure results in permanent braindamage.TestSpeciesOral LD ₅₀ RatOral LD ₅₀ RatOral LD ₅₀ RatOral LD ₅₀ Rat



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N-Butyl acetate (CAS 123-86-4) Titanium dioxide (CAS 13463-67-7) Ethyl benzene (CAS 100-41-4) Light aromatic solvent (CAS 64742- 95-6)	Inhalation LC_{50} Oral LD_{50} Dermal LD_{50} Inhalation LC_{50} Oral LD_{50} Inhalation LC_{50} Oral LD_{50} Dermal LD_{50} Inhalation LC_{50} Dermal LD_{50} Inhalation LC_{50}	Rat Rat Rabbit Rat Rat Rat Rabbit Rat Rat Rabbit Rat	76 mg/l, 4h 13100 mg/kg >5000 mg/kg >21.0 mg/l,4h > 5000 mg/kg > 3.43 mg/l, 4h 3500 mg/kg 17800 mg/kg 9.6 mg/l,4h >14000 mg/kg >2000 mg/kg 6,000 - 10,000 mg/m ³ ,
Methanol (CAS 67-56-1)	Oral LD_{50} Dermal LD_{50} Inhalation LC_{50}	Rat Rabbit Rat	4h 300 mg/kg 1000 mg/kg 10 mg/l, 4h
Skin corrosion/irritation Serious eye damage/eye irritation Respiratory or skin sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overall Evalu Quartz (CAS 14808-60-7) Talc (CAS 14807-96-6) Titanium dioxide (CAS 13463-67-7) Ethyl benzene (CAS 100-41-4) NTP Report on Carcinogens Quartz (CAS 14808-60-7) US. OSHA Specifically Regulated Quartz (CAS 14808-60-7) Talc (CAS 14808-60-7) Talc (CAS 14807-96-6) Titanium dioxide (CAS 13463-6)	Causes skin irrit. Causes serious e No data availabl Based on availabl May cause gene May cause cance ation of Carcinogenic 1 "Carcinogenic 2B "Possibly Car 2B "Possibly Car 2B "Possibly Car (Known to be a Substances (29 CFR Not listed Not listed 57-7) Not listed	eye irritation. e. ole data, the clas tic defects. er. city to Humans". to Humans". cinogenic to Hu cinogenic to Hu Human Carcinog	ssification criteria are not met. mans". mans". gen".
Ethyl benzene (CAS 100-41-4) Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard	Based on a met. May cause repeated e	vailable data, th damage to orga xposure.	tility or the unborn child. e classification criteria are not ns through prolonged or and enters airways.



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12. Ecological information

Methanol (CAS 67-56-1)

Numerical measures of to	oxicity			
Components	Test		Species	Test Results
Xylene (CAS 1330-20-7)	Fish LC ₅₀		Fathead minnow (Pimephales promelas)	13.4 mg/l, 96h
	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)	4 C m a / 72h
	Algae EC ₅₀		Microalga	4.6 mg/l, 72h
Light aromatic columnt	Fich I C		(<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 04742-55-0)			(Oncomynenus mykiss)	
Persistence and degradat	oility	Not availal	ble.	
		Not availal	ble.	
Mobility in soil		Not availal	ble.	
Other adverse effects		Not availal	ble.	
13. Disposal consideration	ons			
Disposal instructions			d, this materials and containers s	
			waste based on the characteristi	e ,
			der Federal RCRA Regulations(40	
			terial or its containers requires co	•
		аррисаріе	labeling, packaging and record k	eeping standards.
Hazardous waste code				
US RCRA Hazardous Waste U List : Reference				
Xylene (CAS 1330 Acetone (CAS 67-			U239 U002	
1,2-Dimethybenz		17-6)	U239	
	-CC (CA3 33-4	47-07		

U154



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Waste from residues / unused products

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
- 3 Flammable liquid



Packing group
Environmental hazards
Marine pollutant
Special precautions for user

Yes

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

3 - Flammable liquid



Packing group Environmental hazards ERG Code Special precautions for user

3L 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) 3 Class Subsidiary risk _ Label(s) 3 - Flammable liquid Packing group Ш **Environmental hazards** Marine pollutant Yes EMS F-A, S-D Special precautions for user Read safety instructions, SDS and emergency procedures before handling. Not available.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

15. Regulatory information		
US federal regulations	Communica	ct is a "Hazardous Chemical" as defined by the OSHA Hazard ation Standard, 29 CFR 1910.1200. nents are on the U.S. EPA TSCA Inventory List.
TSCA Section 12(b) Export No None of the ingredient US. OSHA Specifically Regular Quartz (CAS 14808-60- Calcium carbonate (CA Xylene (CAS 1330-20-7 Talc (CAS 14807-96-6) Acetone (CAS 67-64-1 Barium sulfate (CAS 77 Isobutyl acetate (CAS 12 n-butyl acetate (CAS 12 Titanium dioxide (CAS 1,2-Dimethybenzene (CAS 10	tification (40 Cl s in this produc ed Substances 7) S 1317-65-3)) 27-43-7) .10-19-0) 23-86-4) 13463-67-7) CAS 95-47-6)	FR 707, Subpt. D) ct is listed.



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Zinc oxide (CAS 1314-13-	2)	Listed		
Methanol (CAS 67-56-1)	-	Listed		
M-amine (CAS 141-43-5)		Listed		
CERCLA Hazardous Substance Li	ist (40 CFR 30	2.4)		
Xylene (CAS 1330-20-7)		Listed		
Acetone (CAS 67-64-1)		Listed		
Isobutyl acetate (CAS 110-19-0) Listed				
n-butyl acetate (CAS 123-86-4) Liste				
1,2-Dimethybenzene (CAS 95-47-6) Liste		Listed		
Ethyl benzene (CAS 100-4	41-4)	Listed		
Methanol (CAS 67-56-1)		Listed		
Superfund Amendments and Reauthorization Act of 1986 (SARA)				
Hazard categories	Immediate I	Hazard	-	Yes
	Delayed Haz	ard	-	Yes
	Fire Hazard		-	Yes
	Pressure Ha	zard	-	No
	Reactivity H	azard	-	No
SARA 302/304 Extremely bazar	dous substand	~ o		

SARA 302/304 Extremely hazardous substance

None of the ingredient in this product is listed.

Yes

SARA 313 (TRI reporting)

SARA 311/312 Hazardous chemical

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)



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Talc (CAS 14807-96-6)

Supersedes: JUNE 1989

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) **European List of Notified Chemical** Yes Europe Substances (ELINCS) **United States &** Toxic Substances Control Act (TSCA) Yes Puerto Rico Inventory



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*A "Yes" indicates this product complies 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 Revision date Version # NFPA Ratings	JUNE 1989 09-09-2015 01
References	ACGIH
	NLM: Hazardous Substances Data Base
	US. IARC Monographs on Occupational Exposures to Chemical Agents
	HSDB - Hazardous Substances Data Bank
	IARC Monographs. Overall Evaluation of Carcinogenicity
	National Toxicology Program (NTP) Report on Carcinogens

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.