Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 02.11.2025

1K ACRYLIC SEALER GREY

SECTION 1: Identification

Product Identifier

Product Name: 1K ACRYLIC SEALER GREY
Product code: SMR-267

Recommended Use of the Product and Restriction on Use

Relevant Identified Uses: Not determined or not applicable.
Uses Advised Against: Not determined or not applicable.
Reasons Why Uses Advised Against: Not determined or not applicable.

Manufacturer or Supplier Details

Manufacturer:
United States
SpeedoKote LLC.
5565 N. Webster St.
Dayton, OH 45414
937-280-0091
www.speedokote.com

Emergency Telephone Number:

United States
Chemtrec
800-424-9300 (24 hours)

SECTION 2: Hazard(s) Identification

GHS Classification:

Flammable liquids, category 3
Eye irritation, category 2A
Carcinogenicity, category 1B
Reproductive toxicity, category 1B
Specific target organ toxicity - single exposure, category 3, narcotic effects
Specific target organ toxicity - repeated exposure, category 2

Label elements

Hazard Pictograms:

Signal Word: Danger

Hazard statements:

H226 Flammable liquid and vapor
H319 Causes serious eye irritation
H350 May cause cancer.
H360 May damage fertility.

H336 May cause drowsiness or dizziness
H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements:

P210 Keep away from sparks, open flames and hot surfaces. No smoking.
P233 Keep container tightly closed
P240 Ground/bond container and receiving equipment
P241 Use explosion-proof electrical, ventilating, and lighting equipment.
P242 Use only non-sparking tools
P243 Take precautionary measures against static discharge
P280 Wear protective gloves/protective clothing/eye protection/face protection
P264 Wash hands thoroughly after handling.
P201 Obtain special instructions before use
P202 Do not handle until all safety precautions have been read and understood
P261 Do not breathe mist, vapors or spray.
P271 Use only outdoors or in a well-ventilated area
P260 Do not breathe dust/fume/gas/mist/vapors/spray
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P370+P378 In case of fire: Use agents recommended in Section 5 to extinguish.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337+P313 If eye irritation persists: Get medical advice or attention.
P308+P313 If exposed or concerned: Get medical advice or attention.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P312 Call a POISON CENTER if you feel unwell.
P314 Get medical advice or attention if you feel unwell.
P403+P235 Store in a well-ventilated place. Keep cool
P405 Store locked up
P403+P233 Store in a well-ventilated place. Keep container tightly closed
P501 Dispose of contents and container in accordance with federal, state and local regulations.

Hazards Not Otherwise Classified: None

SECTION 3: Composition/Information on Ingredients

Identification	Name	Weight %
CAS Number: 79-20-9	Methyl acetate	25-50
CAS Number: 67-64-1	Acetone	20-40
CAS Number: 110-43-0	Heptan-2-one	15-30
CAS Number: 14807-96-6	Talc (non-asbestiform)	5-15
CAS Number: 13463-67-7	Titanium Dioxide	5-10
CAS Number: 108-88-3	Toluene	5-10

CAS Number: 25551-13-7	Trimethylbenzene	5-10
CAS Number: 95-63-6	1, 2, 4-Trimethylbenzene	5-10
CAS Number: 84-74-2	Dibutyl phthalate	1-3
CAS Number: 108-65-6	1-Methoxy-2-propanol acetate	1-3
CAS Number: 112945-52-5	Silica, amorphous, fumed, cryst.-free	1-3
CAS Number: 1330-20-7	Xylene	1-3
CAS Number: 21645-51-2	Aluminum hydroxide	1-3
CAS Number: 7631-86-9	Silicon dioxide (amorphous)	1-3
CAS Number: 98-82-8	Cumene	1-3
CAS Number: 1318-59-8	Chlorite-group minerals	1-3
CAS Number: 169117-72-0	2,5,8,11 tetramethyl 6 dodecyn-5,8 diol ethoxylate	1-2
CAS Number: 1333-86-4	Bound Carbon Black	1-2
CAS Number: 25155-15-1	Cymene	1-2
CAS Number: 872-50-4	1-methyl-2-pyrrolidone	1-2
CAS Number: 14808-60-7	Silica, crystalline quartz (respirable)	1-2

Additional Information: None

SECTION 4: First Aid Measures

Description of First Aid Measures

General Notes:

Show this Safety Data Sheet to the doctor in attendance.

After Inhalation:

If inhaled, remove person to fresh air and place in a position comfortable for breathing. Keep person at rest. If breathing is difficult, administer oxygen. If breathing has stopped, provide artificial respiration. If symptoms develop or persist, seek medical advice/attention.

If inhaled, remove person to fresh air and place in a position comfortable for breathing. Keep person at rest. If breathing is difficult, administer oxygen. If breathing has stopped, provide artificial respiration. If experiencing respiratory symptoms, seek medical advice/attention.

After Skin Contact:

Remove contaminated clothing and shoes. Rinse skin with copious amounts of water [shower] for several minutes. Launder contaminated clothing before reuse. If symptoms develop or persist, seek medical advice/attention.

After Eye Contact:

Rinse eyes with plenty of water for several minutes. Remove contact lenses if present and easy to do so. Protect unexposed eye. If symptoms develop or persist, seek medical advice/attention.

Rinse eyes with plenty of gently flowing lukewarm water for 15 minutes. Remove contact lenses if present and easy to do so. Protect unexposed eye. If symptoms develop or persist, seek medical advice/attention.

After Swallowing:

If swallowed, DO NOT induce vomiting unless told to do so by a physician or poison control center. Rinse mouth with water. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs, place on the left side with head down to prevent aspiration of liquid into the lungs. If symptoms develop or persist, seek medical advice/attention.

Most Important Symptoms and Effects, Both Acute and Delayed

Acute Symptoms and Effects:

Product is flammable. Exposure to sources of ignition may cause physical injury.

Eye contact may result in irritation, redness, pain, inflammation, itching, burning and tearing.

Inhalation may have adverse effects on the central nervous system. Symptoms may include drowsiness, dizziness, headache, nausea and lowering of consciousness. Acute overexposure via inhalation may result in respiratory distress, confusion and unconsciousness.

Delayed Symptoms and Effects:

Effects are dependent on exposure (dose, concentration, contact time).

Exposure may cause cancer. Effects are dependent on exposure (dose, concentration, contact time).

Long term exposure may affect fertility. Symptoms include, but are not limited to: menstrual problems, altered sexual behavior/fertility/ and pregnancy outcome. Long term exposure may also affect development of the unborn child. Symptoms include, but are not limited to: intrauterine growth retardation, pre-term birth, birth defects and postnatal death.

May cause damage to organs through prolonged or repeated exposure. Effects are dependent on exposure (dose, concentration, contact time).

Immediate Medical Attention and Special Treatment

Specific Treatment:

Skin/eye burns require immediate treatment.

Overexposure via inhalation requires urgent medical treatment.

Notes for the Doctor:

Treat symptomatically.

SECTION 5: Firefighting Measures

Extinguishing Media

Suitable Extinguishing Media:

Dry chemical, CO2, water spray or alcohol-resistant foam.

Water mist/fog, carbon dioxide, dry chemical or alcohol resistant foam.

Unsuitable Extinguishing Media:

Do not use water jet.

Specific Hazards During Fire-Fighting:

Flammable liquid. Will be easily ignitable by heat, sparks or flames. Vapors may form explosive mixtures

with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard. Containers may explode when heated. Inhalation or contact with material may irritate or burn skin and eyes. Fire may produce irritating, corrosive and/or toxic gases. Vapors may cause dizziness or suffocation.

Thermal decomposition may produce irritating/toxic fumes/gases.

Special Protective Equipment for Firefighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-face piece operated in positive pressure mode.

Special precautions:

Evacuate non-essential personnel. Ventilate closed spaces before entering. Consider initial evacuation for 300 meters in all directions. If tank/rail car is involved in the fire, ISOLATE for 800 meters in all directions. Fight fire from a maximum distance. Move containers from fire area if you can do it without risk. Use water spray/fog for cooling fire exposed containers. Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank. Always stay away from tanks engulfed in fire. For massive fire, use unmanned hose holders or monitor nozzles. If this is impossible, withdraw from area and let fire burn. Stand by, at a safe distance, with extinguisher ready for possible re-ignition. A vapor-suppressing foam may be used to reduce vapors. Avoid unnecessary run-off of extinguishing media which may cause pollution. Do not handle damaged containers unless specialized to do so.

Avoid contact with skin, eyes, hair and clothing. Do not breathe fumes/gas/mists/aerosols/vapors/dusts. Move containers from fire area if safe to do so. Use water spray/fog for cooling fire exposed containers. Avoid unnecessary run-off of extinguishing media which may cause pollution.

SECTION 6: Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures:

Evacuate unnecessary personnel. Ventilate area. Extinguish any sources of ignition. All equipment used when handling the product must be grounded. Wear recommended personal protective equipment (see Section 8). Avoid contact with skin, eyes and clothing. Avoid breathing mist, vapor, dust, fume and spray. Do not walk through spilled material. Wash thoroughly after handling.

Evacuate unnecessary personnel. Ventilate area. Extinguish any sources of ignition. Wear recommended personal protective equipment (see Section 8). Avoid contact with skin, eyes and clothing. Avoid breathing mist, vapor, dust, fume and spray. Do not walk through spilled material. Wash thoroughly after handling.

Evacuate unnecessary personnel. Ventilate area. Extinguish any sources of ignition. Wear recommended personal protective equipment (see Section 8). Do not get on skin, eyes or on clothing. Avoid breathing mist, vapor, dust, fume and spray. Do not walk through spilled material. Wash thoroughly after handling. Remove contaminated clothing and launder before reuse.

Environmental Precautions:

Prevent further leakage or spillage if safe to do so. Prevent from reaching drains, sewers and waterways. Discharge into the environment must be avoided.

Methods and Material for Containment and Cleaning Up:

Do not touch damaged containers or spilled material unless wearing appropriate personal protective clothing. Stop leak if you can do it without risk. A vapor-suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers for future disposal. Dispose of in accordance with all applicable regulations (see Section 13).

Do not touch damaged containers or spilled material unless wearing appropriate personal protective clothing. Stop leak if you can do it without risk. Contain and collect spillage and place in suitable container for future disposal. Dispose of in accordance with all applicable regulations (see Section 13).

Do not touch damaged containers or spilled material unless wearing appropriate personal protective clothing. Avoid breathing dust, mist, fumes, vapors or spray. Stop leak if you can do it without risk. Contain

and collect spillage and place in suitable container for future disposal. Dispose of in accordance with all applicable regulations (see Section 13).

Reference to Other Sections:

For personal protective equipment see Section 8. For disposal see Section 13.

SECTION 7: Handling and Storage

Precautions for Safe Handling:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating and lighting equipment. Take action to prevent static discharges. Handle containers with caution. Use appropriate personal protective equipment (see Section 8). Use only with adequate ventilation. Avoid breathing mist/vapor/spray/dust. Do not eat, drink, smoke, or use personal products when handling chemical substances. Avoid contact with skin, eyes and clothing. Wash affected areas thoroughly after handling. Keep away from incompatible materials (See Section 10). Keep containers tightly closed when not in use.

Use appropriate personal protective equipment (see Section 8). Use only with adequate ventilation. Avoid breathing mist/vapor/spray/dust. Do not eat, drink, smoke, or use personal products when handling chemical substances. Avoid contact with skin, eyes and clothing. Wash affected areas thoroughly after handling. Keep away from incompatible materials (See Section 10). Keep containers tightly closed when not in use.

Conditions for Safe Storage, Including Any Incompatibilities:

Store in cool, dry, well-ventilated location out of direct sunlight. Keep away from food and beverages. Protect from freezing and physical damage. Store away from heat, open flames and other sources of ignition. Keep container tightly sealed. Store away from incompatible materials (See Section 10).

SECTION 8: Exposure Controls/Personal Protection

Only those substances with limit values have been included below.

Occupational Exposure Limit Values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
United States(California)	1-Methoxy-2-propanol acetate	108-65-6	8-Hour TWA-PEL: 541 mg/m³ (100 ppm)
	1-Methoxy-2-propanol acetate	108-65-6	PEL-STEL: 811 mg/m³ (150 ppm)
	Toluene	108-88-3	8-Hour TWA-PEL: 37 mg/m³ (10 ppm)
	Toluene	108-88-3	15-Minute STEL: 560 mg/m³ (150 ppm)
	Toluene	108-88-3	Ceiling Limit: 500 ppm
	Heptan-2-one	110-43-0	8-Hour TWA-PEL: 235 mg/m³ (50 ppm)
	Silica, amorphous, fumed, cryst.-free	112945-52-5	8-Hour TWA: 10 mg/m³ (Particulates not otherwise regulated, total dust)
	Silica, amorphous, fumed, cryst.-free	112945-52-5	8-Hour TWA: 5 mg/m³ (Particulates not otherwise regulated, respirable fraction)
	Xylene	1330-20-7	Ceiling Limit: 300 ppm
	Xylene	1330-20-7	15-Minute STEL: 655 mg/m³ (150 ppm)
	Xylene	1330-20-7	8-Hour TWA-PEL: 435 mg/m³ (100 ppm)

Country (Legal Basis)	Substance	Identifier	Permissible concentration
	Xylene	1330-20-7	PEL Ceiling: 300 ppm
	Bound Carbon Black	1333-86-4	8-Hour TWA-PEL: 3.5 mg/m³
	Titanium Dioxide	13463-67-7	8-Hour TWA-PEL: 10 mg/m³ (particles not otherwise regulated, total dust)
	Titanium Dioxide	13463-67-7	8-Hour TWA-PEL: 5 mg/m³ (particles not otherwise regulated, respirable fraction)
	Talc (non-asbestiform)	14807-96-6	8-Hour TWA-PEL: 2 mg/m³ (containing no asbestos fibers, <1% crystalline silica, respirable dust)
	Silica, crystalline quartz (respirable)	14808-60-7	8-Hour TWA-PEL: 0.05 mg/m³ (respirable dust)
	Aluminum hydroxide	21645-51-2	8-Hour TWA: 10 mg/m³ (Particulates not otherwise regulated, Total dust)
	Aluminum hydroxide	21645-51-2	8-Hour TWA-PEL: 5 mg/m³ (Particulates not otherwise regulated, Respirable fraction)
	Trimethylbenzene	25551-13-7	8-Hour TWA-PEL: 125 mg/m³ (25 ppm)
	Acetone	67-64-1	8-Hour TWA-PEL: 1200 mg/m³ (500 ppm)
	Acetone	67-64-1	Ceiling Limit: 3000 ppm
	Acetone	67-64-1	15-Minute STEL: 1780 mg/m³ (750 ppm)
	Silicon dioxide (amorphous)	7631-86-9	8-Hour TWA-PEL: 6 mg/m³ (total dust)
	Silicon dioxide (amorphous)	7631-86-9	8-Hour TWA-PEL: 3 mg/m³ (respirable dust)
	Methyl acetate	79-20-9	8-Hour TWA: 610 mg/m³ (200 ppm)
	Methyl acetate	79-20-9	15-Minute STEL: 760 mg/m³ (250 ppm)
	Dibutyl phthalate	84-74-2	8-Hour TWA-PEL: 5 mg/m³
	1-methyl-2-pyrrolidone	872-50-4	8-Hour TWA-PEL: 4 mg/m³ (1 ppm)
	1, 2, 4-Trimethylbenzene	95-63-6	8-Hour TWA-PEL: 125 mg/m³ (25 ppm)
	Cumene	98-82-8	8-Hour TWA: 245 mg/m³ (50 ppm)
ACGIH	Toluene	108-88-3	8-Hour TWA: 20 ppm
	Heptan-2-one	110-43-0	8-Hour TWA: 50 ppm
	Silica, amorphous, fumed, cryst.-free	112945-52-5	8-Hour TWA: 3 mg/m³ (Particles, insoluble or poorly soluble, N.O.S, respirable)
	Silica, amorphous, fumed, cryst.-free	112945-52-5	8-Hour TWA: 10 mg/m³ (Particles, insoluble or poorly soluble, N.O.S, inhalable)
	Xylene	1330-20-7	8-Hour TWA: 20 ppm
	Bound Carbon Black	1333-86-4	8-Hour TWA: 3 mg/m³ (inhalable particulate matter)

Country (Legal Basis)	Substance	Identifier	Permissible concentration
	Titanium Dioxide	13463-67-7	TLV-TWA: 2.5 mg/m³ (8 hr [finescale particles, respirable fraction])
	Titanium Dioxide	13463-67-7	TLV-TWA: 0.2 mg/m³ (8 hr [nanoscale particles, respirable fraction])
	Talc (non-asbestiform)	14807-96-6	8-Hour TWA: 2 mg/m³ (containing no asbestos fibers, respirable)
	Silica, crystalline quartz (respirable)	14808-60-7	8-Hour TWA: 0.025 mg/m³ (respirable particulate matter)
	Aluminum hydroxide	21645-51-2	8-Hour TWA: 1 mg/m³ (Aluminum metal and insoluble compounds, respirable fraction)
	Aluminum hydroxide	21645-51-2	8-Hour TWA: 10 mg/m³ (Particles (insoluble or poorly soluble) not otherwise specified, inhalable particles (en-US))
	Aluminum hydroxide	21645-51-2	8-Hour TWA: 3 mg/m³ (Particles (insoluble or poorly soluble) not otherwise specified, respirable particles (en-US))
	Trimethylbenzene	25551-13-7	TLV-TWA: 10 ppm (8 hr)
	Acetone	67-64-1	8-Hour TWA: 250 ppm
	Acetone	67-64-1	15-Minute STEL: 500 ppm
	Silicon dioxide (amorphous)	7631-86-9	8-Hour TWA: 10 mg/m³ (Particles (insoluble or poorly soluble) not otherwise specified, inhalable)
	Silicon dioxide (amorphous)	7631-86-9	8-Hour TWA: 3 mg/m³ (Particles (insoluble or poorly soluble) not otherwise specified, respirable)
	Methyl acetate	79-20-9	TLV-TWA: 200 ppm (8 hr)
	Methyl acetate	79-20-9	15-Minute STEL: 250 ppm
	Dibutyl phthalate	84-74-2	8-Hour TWA: 5 mg/m³
	1, 2, 4-Trimethylbenzene	95-63-6	8-Hour TWA: 10 ppm
	Cumene	98-82-8	TLV-TWA: 5 ppm (8 hr)
NIOSH	Toluene	108-88-3	REL-TWA: 375 mg/m³ (100 ppm [up to 10 hr])
	Toluene	108-88-3	15-Minute STEL: 560 mg/m³ (150 ppm)
	Toluene	108-88-3	IDLH: 500 ppm
	Heptan-2-one	110-43-0	REL-TWA: 465 mg/m³ (100 ppm [up to 10 hr])
	Heptan-2-one	110-43-0	IDLH: 800 ppm
	Silica, amorphous, fumed, cryst.-free	112945-52-5	REL-TWA: 6 mg/m³ (Silica, amorphous [up to 19 hr])
	Silica, amorphous, fumed, cryst.-free	112945-52-5	IDLH: 3000 mg/m³ (Silica, amorphous)

Country (Legal Basis)	Substance	Identifier	Permissible concentration
	Xylene	1330-20-7	IDLH: 900 ppm
	Xylene	1330-20-7	15-Minute STEL: 655 mg/m³ (150 ppm)
	Xylene	1330-20-7	REL-TWA: 435 mg/m³ (100 ppm [up to 10 hr])
	Bound Carbon Black	1333-86-4	IDLH: 1750 mg/m³
	Bound Carbon Black	1333-86-4	REL-TWA: 0.1 mg/m³ (in the presence of polycyclic aromatic hydrocarbons [up to 10 hr])
	Bound Carbon Black	1333-86-4	REL-TWA: 3.5 mg/m³ (up to 10 hr)
	Titanium Dioxide	13463-67-7	TWA: 0.3 mg/m³ (ultrafine, including engineered nanoscale)
	Titanium Dioxide	13463-67-7	IDLH: 5000 mg/m³
	Titanium Dioxide	13463-67-7	TWA: 2.4 mg/m³ (fine)
	Talc (non-asbestiform)	14807-96-6	REL-TWA: 2 mg/m³ ([up to 10 hr] containing no asbestos and less than 1% quartz, respirable)
	Talc (non-asbestiform)	14807-96-6	IDLH: 1000 mg/m³ (containing no asbestos and <1% quartz, respirable)
	Silica, crystalline quartz (respirable)	14808-60-7	REL-TWA: 0.05 mg/m³ (up to 10 hr)
	Silica, crystalline quartz (respirable)	14808-60-7	IDLH: 50 mg/m³
	Trimethylbenzene	25551-13-7	REL-TWA: 125 mg/m³ (25 ppm; [for up to a 10-hour workday)
	Acetone	67-64-1	REL-TWA: 590 mg/m³ (250 ppm [up to 10-hr])
	Acetone	67-64-1	IDLH: 2500 ppm
	Silicon dioxide (amorphous)	7631-86-9	REL-TWA: 6 mg/m³ (up to 10 hrs.)
	Silicon dioxide (amorphous)	7631-86-9	IDLH: 3000 mg/m³
	Methyl acetate	79-20-9	REL-TWA: 610 mg/m³ (200 ppm [up to 10 hr])
	Methyl acetate	79-20-9	STEL: 760 mg/m³ (250 ppm)
	Methyl acetate	79-20-9	IDLH: 3100 ppm
	Dibutyl phthalate	84-74-2	IDLH: 4000 mg/m³
	Dibutyl phthalate	84-74-2	REL-TWA: 5 mg/m³ ([up to 10 hr])
	1, 2, 4-Trimethylbenzene	95-63-6	REL-TWA: 125 mg/m³ (25 ppm [up to 10 hr])
	Cumene	98-82-8	REL-TWA: 245 mg/m³ (50 ppm [10-hour workday])
	Cumene	98-82-8	IDLH: 900 ppm
OSHA	Toluene	108-88-3	8-Hour TWA-PEL: 200 ppm
	Toluene	108-88-3	Ceiling Limit: 300 ppm

Country (Legal Basis)	Substance	Identifier	Permissible concentration
	Toluene	108-88-3	Peak Exposure Limit Value: 500 ppm (for an 8 hr shift; duration: 10 minutes [Table Z-2])
	Heptan-2-one	110-43-0	8-Hour TWA-PEL: 465 mg/m³ (100 ppm)
	Silica, amorphous, fumed, cryst.-free	112945-52-5	8-Hour TWA: 0.8 mg/m³ (Silica: Amorphous, including natural diatomaceous earth)
	Xylene	1330-20-7	8-Hour TWA: 435 mg/m³ (100 ppm)
	Bound Carbon Black	1333-86-4	8-Hour TWA-PEL: 3.5 mg/m³
	Titanium Dioxide	13463-67-7	8-Hour TWA-PEL: 15 mg/m³ (total dust)
	Talc (non-asbestiform)	14807-96-6	8-Hour TWA-PEL: 2 mg/m³ (containing no asbestos, respirable dust)
	Talc (non-asbestiform)	14807-96-6	8-Hour TWA-PEL: 0.1 mg/m³ (not containing asbestos, 1% or more crystalline silica, respirable)
	Silica, crystalline quartz (respirable)	14808-60-7	8-Hour TWA-PEL: 0.05 mg/m³
	Silica, crystalline quartz (respirable)	14808-60-7	8-Hour TWA-PEL: 0.025 mg/m³ (Action level)
	Aluminum hydroxide	21645-51-2	8-Hour TWA: 5 mg/m³ (Inert or nuisance dust, respirable fraction)
	Aluminum hydroxide	21645-51-2	8-Hour TWA: 15 mg/m³ (Inert or nuisance dust, total dust)
	Acetone	67-64-1	8-Hour TWA-PEL: 2400 mg/m³ (1000 ppm)
	Silicon dioxide (amorphous)	7631-86-9	8-Hour TWA-PEL: 0.8 mg/m³
	Methyl acetate	79-20-9	8-Hour TWA-PEL: 610 mg/m³ (200 ppm)
	Methyl acetate	79-20-9	STEL: 760 mg/m³ (250 ppm)
	Dibutyl phthalate	84-74-2	8-Hour TWA-PEL: 5 mg/m³
	1, 2, 4-Trimethylbenzene	95-63-6	8-Hour TWA-PEL: 120 mg/m³ (25 ppm [Construction and Maritime Industries Only])
	Cumene	98-82-8	8-Hour TWA-PEL: 245 mg/m³ (50 ppm)
United States	Silicon dioxide (amorphous)	7631-86-9	8-Hour TWA-PEL: 6 mg/m³ (precipitated and gel)
WEEL	1-methyl-2-pyrrolidone	872-50-4	8-Hour TWA: 60 mg/m³ (15 ppm)
	1-methyl-2-pyrrolidone	872-50-4	STEL: 120 mg/m³ (30 ppm)

Biological Limit Values:

Country (Legal Basis)	Substance	Identifier	Determinant	Specimen	Sampling time	Permissible limits
ACGIH	Toluene	108-88-3	Toluene	Blood	Prior to last shift of work week	0.02 mg/L
	Toluene	108-88-3	o-Cresol, with hydrolysis	Creatinine in urine	End of shift	0.3 mg/g
	Toluene	108-88-3	Toluene	Urine	End of shift	0.03 mg/L
	Xylene	1330-20-7	Methylhippuric acids	Creatinine in urine	End of shift.	1.5 g/g
	Acetone	67-64-1	Acetone	Urine	End of shift	25 mg/L
	1-methyl-2-pyrrolidone	872-50-4	5-Hydroxy-N-methyl-2-pyrrolidone	Urine	End of shift	100 mg/L

Information on Monitoring Procedures:

Not determined or not applicable.

Appropriate Engineering Controls:

Emergency eye wash stations and safety showers should be available in the immediate vicinity of use or handling. Provide adequate ventilation to maintain the airborne concentrations of vapor, mists, and/or dusts below the applicable workplace exposure limits, while observing recognized national standards (or equivalent).

Personal Protection Equipment

Eye and Face Protection:

Safety glasses or goggles. Use eye protection equipment that has been tested and approved by recognized national standards (or equivalent).

Skin and Body Protection:

Chemical resistant, impervious gloves approved by the appropriate standards. Gloves must be inspected prior to use. Avoid skin contact with used gloves. Appropriate techniques should be used to remove used gloves and contaminated clothing. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Ensure that all personal protective equipment is approved by recognized national standards (or equivalent).

Respiratory Protection:

If engineering controls do not maintain airborne concentrations below the applicable workplace exposure limits, or to an acceptable level (if exposure limits have not been established), a respirator approved by recognized national standards (or equivalent) must be worn.

If engineering controls do not maintain airborne concentrations below the applicable workplace exposure limits, or to an acceptable level (if exposure limits have not been established), a respirator approved by recognized national standards (or equivalent) must be worn. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

General Hygienic Measures:

When handling chemical products, do not eat, drink or smoke. Wash hands after handling, before breaks, and at the end of the workday. Avoid contact with skin, eyes and clothing. Wash contaminated clothing before reuse. Perform routine housekeeping.

SECTION 9: Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

Appearance	Not determined or not available.

Odor	Not determined or not available.
Odor threshold	Not determined or not available.
pH	Not determined or not available.
Melting point/freezing point	Not determined or not available.
Initial boiling point/range	Not determined or not available.
Flash point (closed cup)	Not determined or not available.
Evaporation rate	Not determined or not available.
Flammability (solid, gas)	Not determined or not available.
Upper flammability/explosive limit	Not determined or not available.
Lower flammability/explosive limit	Not determined or not available.
Vapor pressure	Not determined or not available.
Vapor density	Not determined or not available.
Density	Not determined or not available.
Relative density	Not determined or not available.
Solubilities	Not determined or not available.
Partition coefficient (n-octanol/water)	Not determined or not available.
Auto/Self-ignition temperature	Not determined or not available.
Decomposition temperature	Not determined or not available.
Dynamic viscosity	Not determined or not available.
Kinematic viscosity	Not determined or not available.
Explosive properties	Not determined or not available.
Oxidizing properties	Not determined or not available.

SECTION 10: Stability and Reactivity

Reactivity:
Not reactive under recommended handling and storage conditions.

Chemical Stability:
Stable under recommended handling and storage conditions.

Possibility of Hazardous Reactions:
Hazardous reactions are not anticipated under recommended conditions of handling and storage.

Conditions to Avoid:
Extreme heat, open flames, hot surfaces, sparks, ignition sources, static electricity and incompatible materials. Vapor accumulation in low or confined areas.
Extreme heat, open flames, hot surfaces, sparks, ignition sources and incompatible materials.

Incompatible Materials:
None known.

Hazardous Decomposition Products:
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological Information

Acute Toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data: No data available.

Substance Data:

Name	Route	Result
1-Methoxy-2-propanol acetate	oral	LD50 Rat: 6190 mg/kg
	dermal	LD50 Rabbit: > 5000 mg/kg
Toluene	oral	LD50 Rat: >5000 mg/kg
	dermal	LD50 Rabbit: >5000 mg/kg
	inhalation	LC50 Rat: 25.7 mg/L (4 hr [Vapour])
Heptan-2-one	inhalation	LC50 Rat: 16.7 mg/L (4 hr [Vapor])
	oral	LD50 Rat: 1600 mg/kg
	dermal	LD50 Rabbit: > 2000 mg/kg
Silica, amorphous, fumed, cryst.-free	oral	LD50 rat: 3160 mg/kg
Xylene	Dermal ATE	LD50 Rabbit: 1100 mg/kg
	Inhalation ATE	LC50 Rat: 11 mg/L (4 h [vapor])
	oral	LD50 Rat: 3523 mg/kg
Bound Carbon Black	oral	LD50 Rat: > 2000 mg/kg
	dermal	LD50 Rabbit: > 2000 mg/kg
	inhalation	LC50 Rat: >= 4.6 mg/L (4 hr [dust])
Titanium Dioxide	oral	LD50 Rat: > 5000 mg/kg
	inhalation	LC50 Rat: 5.09 mg/L (4 hr [aerosol])
	dermal	LD50 Rat: > 2000 mg/kg
Talc (non-asbestiform)	oral	LD50 Rat: > 5000 mg/kg
	dermal	LD50 Rat: > 2000 mg/kg ([Read-across substance data])
	inhalation	LC50 Rat: > 2.1 mg/L (4hr [aerosol, Read-across substance data])
Aluminum hydroxide	oral	LD50 Rat: > 2000 mg/kg
	inhalation	LC50 Rat: 1.9 mg/L (4 hr [aerosol, Read-across substance data])
Trimethylbenzene	Oral ATE	LD50 Rat: 500 mg/kg
	Dermal ATE	LD50 Rabbit: 1100 mg/kg
Acetone	oral	LD50 Rat: 5800 mg/kg
	inhalation	LC50 Rat: 76 mg/L (4 hr [Vapor])
	dermal	LD50 Rabbit: > 7426 mg/kg
Silicon dioxide (amorphous)	oral	LD50 Rat: > 5000 mg/kg
	dermal	LD50 Rabbit: > 2000 mg/kg
	inhalation	LC50 rat: > 5.01 mg/L (4hr [Aerosol])
Methyl acetate	oral	LD50 Rabbit: 6482 mg/kg
	dermal	LD50 Rabbit: >2000 mg/kg
	inhalation	LC50 Rabbit: >49.2 mg/L (4 hr [Vapor])
Dibutyl phthalate	oral	LD50 Rat: 6279 mg/kg
	dermal	LD50 Rabbit: >20,000 mg/kg
	inhalation	LC50 Rat: >= 15.68 mg/L (4 hr [Aerosol])
1-methyl-2-pyrrolidone	oral	LD50 Rat: 4150 mg/kg
	inhalation	LC50 Rat: >5.1 mg/L (4 hr [aerosol])
	dermal	LD50 Rat: >5000 mg/kg

Name	Route	Result
1, 2, 4-Trimethylbenzene	inhalation	LC50 Rat: 10.2 mg/L (4 hr [vapor, Read-across substance data])
	oral	LD50 Rat: 6000 mg/kg
	dermal	LD50 Rat: >3440 mg/kg ([Read-across substance data])
Cumene	oral	LD50 Rat: 2700 mg/kg
	dermal	LD50 Rabbit: > 3160 mg/kg
	inhalation	LC50 Rat: 10 mg/L (7 hr [Vapour])

Skin Corrosion/Irritation

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data:

Name	Result
Toluene	Causes skin irritation.
Silica, amorphous, fumed, cryst.-free	Causes skin irritation.
Xylene	Causes skin irritation.
Trimethylbenzene	Causes skin irritation.
1-methyl-2-pyrrolidone	Causes skin irritation.
1, 2, 4-Trimethylbenzene	Causes skin irritation.

Serious Eye Damage/Irritation

Assessment:

Causes serious eye irritation.

Product Data:

No data available.

Substance Data:

Name	Result
Silica, amorphous, fumed, cryst.-free	Causes serious eye irritation.
2,5,8,11 tetramethyl 6 dodecyn-5,8 diol ethoxylate	Causes serious eye damage.
Trimethylbenzene	Causes serious eye irritation.
Acetone	Causes serious eye irritation.
Methyl acetate	Causes serious eye irritation.
1-methyl-2-pyrrolidone	Causes serious eye irritation.
1, 2, 4-Trimethylbenzene	Causes serious eye irritation.

Respiratory or Skin Sensitization

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Carcinogenicity

Assessment:

May cause cancer.

Product Data: No data available.

Substance Data:

Name	Species	Result
Bound Carbon Black	Not applicable.	The carcinogenic classification only applies to airborne, unbound particles of respirable size.
Talc (non-asbestiform)		Talc containing asbestos is carcinogenic to humans.
Silica, crystalline quartz (respirable)		May cause cancer via inhalation.
Cumene		May cause cancer.

International Agency for Research on Cancer (IARC):

Name	Classification
1-Methoxy-2-propanol acetate	Not Applicable
Toluene	Group 3
Heptan-2-one	Not Applicable
Silica, amorphous, fumed, cryst.-free	Group 3
Chlorite-group minerals	Not Applicable
Xylene	Group 3
Bound Carbon Black	Group 2B
Titanium Dioxide	Group 2B
Talc (non-asbestiform)	Group 3
Silica, crystalline quartz (respirable)	Group 1
2,5,8,11 tetramethyl 6 dodecyn-5,8 diol ethoxylate	Not Applicable
Aluminum hydroxide	Not Applicable
Cymene	Not Applicable
Trimethylbenzene	Not Applicable
Acetone	Not Applicable
Silicon dioxide (amorphous)	Group 3
Methyl acetate	Not Applicable
Dibutyl phthalate	Not Applicable
1-methyl-2-pyrrolidone	Not Applicable
1, 2, 4-Trimethylbenzene	Not Applicable
Cumene	Group 2B

National Toxicology Program (NTP):

Name	Classification
1-Methoxy-2-propanol acetate	Not Applicable
Toluene	Not Applicable
Heptan-2-one	Not Applicable
Silica, amorphous, fumed, cryst.-free	Not Applicable

Name	Classification
Chlorite-group minerals	Not Applicable
Xylene	Not Applicable
Bound Carbon Black	Not Applicable
Titanium Dioxide	Not Applicable
Talc (non-asbestiform)	Not Applicable
Silica, crystalline quartz (respirable)	Known to be human carcinogens
2,5,8,11 tetramethyl 6 dodecyn-5,8 diol ethoxylate	Not Applicable
Aluminum hydroxide	Not Applicable
Cymene	Not Applicable
Trimethylbenzene	Not Applicable
Acetone	Not Applicable
Silicon dioxide (amorphous)	Not Applicable
Methyl acetate	Not Applicable
Dibutyl phthalate	Not Applicable
1-methyl-2-pyrrolidone	Not Applicable
1, 2, 4-Trimethylbenzene	Not Applicable
Cumene	Reasonably anticipated to be human carcinogens

OSHA Carcinogens:

Ingredient Name	CAS	OSHA Carcinogens Status
Titanium Dioxide	13463-67-7	Yes
Silica, crystalline quartz (respirable)	14808-60-7	Yes

Germ Cell Mutagenicity

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Reproductive Toxicity

Assessment:

May damage fertility or the unborn child.

Product Data:

No data available.

Substance Data:

Name	Result
Toluene	Suspected of damaging the unborn child .
Dibutyl phthalate	May damage fertility or the unborn child.
1-methyl-2-pyrrolidone	May damage fertility or the unborn child.

Specific Target Organ Toxicity (Single Exposure)

Assessment:

May cause drowsiness or dizziness.

Product Data:

No data available.

Substance Data:

Name	Result
1-Methoxy-2-propanol acetate	May cause drowsiness or dizziness.
Toluene	May cause drowsiness or dizziness.
Heptan-2-one	May cause drowsiness or dizziness.
Silica, amorphous, fumed, cryst.-free	May cause respiratory irritation.
Acetone	May cause drowsiness or dizziness.
Methyl acetate	May cause drowsiness or dizziness.
1-methyl-2-pyrrolidone	May cause respiratory irritation.
1, 2, 4-Trimethylbenzene	May cause respiratory irritation.
Cumene	May cause respiratory irritation.

Specific Target Organ Toxicity (Repeated Exposure)

Assessment:

May cause damage to organs through prolonged or repeated exposure.

Product Data:

No data available.

Substance Data:

Name	Result
Toluene	May cause damage to organs (central nervous system; kidneys; liver) through prolonged or repeated exposure. Exposure to the substance may increase noise-induced hearing loss and adversely affect color vision.
Silica, crystalline quartz (respirable)	Causes damage to organs (lungs; kidneys; immune system) through prolonged or repeated exposure via inhalation.

Aspiration toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data:

Name	Result
Toluene	May be fatal if swallowed and enters airways.
Xylene	May be fatal if swallowed and enters airways.
Cymene	May be fatal if swallowed and enters airways.
1, 2, 4-Trimethylbenzene	May be fatal if swallowed and enters airways.
Cumene	May be fatal if swallowed and enters airways.

Information on Likely Routes of Exposure:

No data available.

Symptoms Related to the Physical, Chemical, and Toxicological Characteristics:

No data available.

Other Information:

No data available.

SECTION 12: Ecological Information

Acute (Short-Term) Toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data: No data available.

Substance Data:

Name	Result
1-Methoxy-2-propanol acetate	Fish LC50 Oncorhynchus mykiss: 100-180 mg/L (96 hr [mortality])
	Aquatic Invertebrates EC50 Daphnia magna: >500 mg/L (48 hr [mobility])
	Aquatic Plants EC50 Raphidocelis subcapitata: >1000 mg/L (72 hr [growth rate])
Toluene	Fish LC50 Oncorhynchus kisutch: 5.5 mg/L (96 hr [mortality])
	Aquatic Invertebrates EC50 Ceriodaphnia dubia: 3.78 mg/L (48 hr [mortality])
Heptan-2-one	Fish LC50 Pimephales promelas: 131 mg/L (96 hr)
	Aquatic Invertebrates EC50 Daphnia magna: > 90.1 mg/L (48 hr [mobility])
	Aquatic Plants EC50 Raphidocelis subcapitata: 75.5 mg/L (72 hr [biomass])
Xylene	Fish LC50 Oncorhynchus mykiss: 2.6 mg/L (96 hr [mortality; Read-across substance data])
	Aquatic Plants EC50 Raphidocelis subcapitata: 4.9 mg/L (72 hr [growth inhibition, Read-across substance data])
	Aquatic Invertebrates EC50 Daphnia magna: 1 mg/L (48 hr)
Bound Carbon Black	Fish LC50 Danio rerio: > 1000 mg/L (96 hr [mortality])
	Aquatic Plants EC50 Raphidocelis subcapitata: > 100 mg/L (72 hr [growth rate and cell number])
	Aquatic Invertebrates EC50 Daphnia magna: >100 mg/L (48 hr [immobilisation and toxicity])
Titanium Dioxide	Aquatic Invertebrates EC50 Daphnia magna: > 100 mg/L (48 hr [moblity])
	Aquatic Plants EC50 Raphidocelis subcapitata: >100 mg/L (72 hr [growth rate])
	Fish LC50 Pimephales promelas: >1000 mg/L (96 hr)
Talc (non-asbestiform)	Fish LC50 Fish species: 89581 mg/L (96 hr [QSAR substance data])
	Aquatic Plants EC50 Green algae: 7203 mg/L (96 hr [QSAR substance data])
Aluminum hydroxide	Fish LC50 Pimephales promelas: 1.16 mg/L (96 hr [Read-across substance data])
	Aquatic Invertebrates EC50 Ceriodaphnia dubia: 1.9 mg/L (48 hr [immobilisation, Read-across substance data])
Acetone	Fish LC50 Pimephales promelas: 6210 mg/L (96 hr)
	Aquatic Invertebrates LC50 Daphnia pulex: 8800 mg/L (48 hr [mortality])
Silicon dioxide (amorphous)	Fish LC50 Pimephales promelas: > 5000 mg/L (96 hr)
	Aquatic Invertebrates EC50 Daphnia magna: > 5000 mg/L (48 hr [mobility])
	Aquatic Plants EC50 Desmodesmus subspicatus: >173.1 mg/L (72 hr [growth rate])

Name	Result
Methyl acetate	Fish LC50 Danio rerio: 250 - 350 mg/L (96 hr)
	Aquatic Invertebrates EC50 Daphnia magna: 1026.7 mg/L (48 hr [mobility])
	Aquatic Plants EC50 Desmodesmus subspicatus: > 120 mg/L (72 hr [growth rate])
Dibutyl phthalate	Fish LC50 Fathead minnow: 0.92 mg/L (96 hr [mortality])
	Aquatic Invertebrates EC50 Daphnia magna: 2.99 mg/L (48 hr [mortality])
	Aquatic Plants EC50 Raphidocelis subcapitata: 2.12 mg/L (72 hr [biomass])
1-methyl-2-pyrrolidone	Fish LC50 Oncorhynchus mykiss: >500 mg/L (96 hr [mortality])
	Aquatic Plants EC50 Desmodesmus subspicatus: 600.5 mg/L (72 hr [growth rate])
1, 2, 4-Trimethylbenzene	Fish LC50 Pimephales promelas: 7.72 mg/L (96 hr)
	Aquatic Plants EC50 Green algae: 2.356 mg/L (96 hr [QSAR substance data])
Cumene	Fish LC50 Cyprinodon variegatus: 4.7 mg/L (96 hr)
	Aquatic Invertebrates EC50 Daphnia magna: 2.14 mg/L (48 hr [mobility])
	Aquatic Plants EC50 Desmodesmus subspicatus: 2.01 mg/L (72 hr [growth rate])

Chronic (Long-Term) Toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data: No data available.

Substance Data:

Name	Result
1-Methoxy-2-propanol acetate	Aquatic Invertebrates NOEC Daphnia magna: ≥100 mg/L (21 d [reproduction])
	Aquatic Plants NOEC Raphidocelis subcapitata: >=1000 mg/L (72 hr [growth rate])
Toluene	Aquatic Invertebrates NOEC Ceriodaphnia dubia: 0.74 mg/L (7 d [reproduction])
Xylene	Fish NOEC Danio rerio: 0.714 mg/L (35 d [post hatch survival and overall survival Read-across substance data])
	Aquatic Invertebrates NOEC Daphnia magna: 1.57 mg/L (21 d [reproduction, Read-across substance data])
Titanium Dioxide	Aquatic Invertebrates NOEC Daphnia magna: >= 10 mg/L (21 d [population and growth rate])
	Fish NOEC Freshwater fish: >= 80 mg/L (6 d [time to hatch])
Talc (non-asbestiform)	Fish NOEC Freshwater fish: 5980 mg/L (30 d [QSAR substance data])
	Aquatic Invertebrates NOEC Daphnid species: 1460 mg/L (30 d [QSAR substance data])
Aluminum hydroxide	Fish NOEC Pimephales promelas: 7.1 mg/L (28 d [mortality, Read-across substance data])
	Aquatic Invertebrates NOEC Daphnia magna: 1.89 mg/L (21 d [reproduction, Read-across substance data])
Acetone	Aquatic Invertebrates NOEC Daphnia magna: >1106 - < 2212 mg/L (28 d [mortality])

Name	Result
Silicon dioxide (amorphous)	Aquatic Invertebrates NOEC Daphnia magna: 68 mg/L (21 d [mortality])
Dibutyl phthalate	Aquatic Invertebrates NOEC Daphnia magna: 0.158 mg/L (21 d [reproduction])
	Aquatic Plants NOEC Raphidocelis subcapitata: 5 mg/L (72 hr [growth rate])
1-methyl-2-pyrrolidone	Aquatic Invertebrates NOEC Daphnia magna: 12.5 mg/L (21 d [reproduction & mortality])
Cumene	Fish NOEC Danio rerio and Pimephales promelas: 0.38 mg/L (28 d [QSAR substance data])
	Aquatic Invertebrates NOEC Daphnia magna: 0.35 mg/L (21 d [reproduction and survival of parent animals])

Persistence and Degradability

Product Data: No data available.

Substance Data:

Name	Result
1-Methoxy-2-propanol acetate	The substance is readily biodegradable. 90% degradation in water, measured by CO2 evolution, after 28 days.
Toluene	The substance is readily biodegradable. 86% degradation in water, measured by BOD/ThOD, after 20 days.
Heptan-2-one	The substance is Readily biodegradable. 69% degradation in water, measured by inorganic carbon analysis, after 28 days.
Xylene	The substance is readily biodegradable .94% degradation in water, measured by O2 consumption, after 28 days (Read-across substance data).
Bound Carbon Black	Persistence assessment based on biodegradability is not relevant for inorganic compounds such as this substance.
Titanium Dioxide	Persistence assessment based on biodegradability is not relevant for inorganic compounds such as this substance.
Talc (non-asbestiform)	Persistence assessment based on biodegradability is not relevant for inorganic compounds such as this substance.
Aluminum hydroxide	Persistence assessment based on biodegradability is not relevant for inorganic compounds such as this substance.
Acetone	The substance is readily biodegradable. 90.9% degradation, measured by CO2 evolution, after 28 days.
Silicon dioxide (amorphous)	The substance is inorganic hence study does not need to be conducted.
Methyl acetate	The substance is readily biodegradable (70% degradation measured by O2 consumption after 28 days).
Dibutyl phthalate	The substance is readily biodegradable .81% degradation in water, measured by O2 consumption, after 28 days.
1-methyl-2-pyrrolidone	The substance is readily biodegradable. 73% degradation in water, measured by O2 consumption, after 28 days.
Cumene	The substance is readily biodegradable.70% degradation in water, measured by O2 consumption, after 20 days.

Bioaccumulative Potential

Product Data: No data available.

Substance Data:

Name	Result
1-Methoxy-2-propanol acetate	The substance is not expected to bioaccumulate (Log Pow= 1.2 at 20 °C).
Toluene	The substance is not expected to bioaccumulate (BCF: 90).
Heptan-2-one	The substance is not expected to bioaccumulate (log Pow: 2.26)
Xylene	The substance is not expected to bioaccumulate (BCF=25.9 dimensionless).
Bound Carbon Black	Bioaccumulation assessment using a classic BCF assessment is not considered relevant for inorganic compounds such as this substance.
Titanium Dioxide	Bioaccumulation assessment using a classic BCF assessment is not considered relevant for inorganic compounds such as this substance.
Talc (non-asbestiform)	Bioaccumulation assessment using a classic BCF assessment is not considered relevant for inorganic compounds such as this substance.
Aluminum hydroxide	Bioaccumulation assessment using a classic BCF assessment is not considered relevant for inorganic compounds such as this substance.
Acetone	The substance is not expected to bioaccumulate (log Pow= -0.23, QSAR).
Silicon dioxide (amorphous)	The substance is inorganic hence study does not need to be conducted.
Methyl acetate	The substance has low potential to bioaccumulate (log Kow = 0.18).
Dibutyl phthalate	The substance is not expected to bioaccumulate (BCF: 1.8 L/kg ww, species :Cyprinus carpio).
1-methyl-2-pyrrolidone	The substance is not expected to bioaccumulate (Log Kow: -0.46).
1, 2, 4-Trimethylbenzene	The substance has the potential to bioaccumulate (BCF: 243, specie: fish, QSAR substance data).
Cumene	The substance is not expected to bioaccumulate (BCF: 94.69 L/kg, aquatic species : fish).

Mobility in Soil

Product Data: No data available.

Substance Data:

Name	Result
Toluene	The substance is moderately mobile, therefore, there is moderate potential for adsorption to soil and Sediment (Koc: 205) [calculation].
Heptan-2-one	The substance is mobile; therefore, adsorption to soil is not expected (log Koc=1.45).
Xylene	The substance is moderately mobile, therefore, slight adsorption to soil is expected (log Koc=2.73 dimensionless, Read-across substance data).
Bound Carbon Black	Mobility in soil assessment based on KOC/Kd values are not relevant for inorganic compounds such as this substance.
Titanium Dioxide	Mobility in soil assessment based on KOC/Kd values are not relevant for inorganic compounds such as this substance.
Talc (non-asbestiform)	Mobility in soil assessment based on KOC/Kd values are not relevant for inorganic compounds such as this substance.
Aluminum hydroxide	Mobility in soil assessment based on KOC/Kd values are not relevant for inorganic compounds such as this substance.
Methyl acetate	The substance is highly mobile in soil then it has a low potential for adsorption to soil and sediment (log Koc: 0.18).
Dibutyl phthalate	The substance is slightly mobile, therefore, adsorption to soil and sediment is expected (log Koc: 1157, QSAR substance data).

Name	Result
1-methyl-2-pyrrolidone	The substance is highly mobile, therefore, adsorption to soil and sediment is not expected (log Koc = 0.87 dimensionless; (Q)SAR substance data).
1, 2, 4-Trimethylbenzene	The substance is slightly mobile, therefore, adsorption to soil and sediment is expected (log Koc: 3.04).
Cumene	The substance is moderately mobile, therefore, there is moderate potential for adsorption to soil and sediment (log Koc: 2.946).

Results of PBT and vPvB assessment

Product Data:

PBT assessment: This product does not contain any substances that are assessed to be a PBT.

vPvB assessment: This product does not contain any substances that are assessed to be a vPvB.

Substance Data:

PBT assessment:

1-Methoxy-2-propanol acetate	The substance is not PBT.
Toluene	The substance is not PBT.
Heptan-2-one	The substance is not PBT.
Xylene	The substance is not PBT.
Bound Carbon Black	PBT assessment does not apply to inorganic compounds such as this substance.
Titanium Dioxide	PBT assessment does not apply to inorganic compounds such as this substance.
Talc (non-asbestiform)	PBT assessment does not apply to inorganic compounds such as this substance.
Aluminum hydroxide	PBT assessment does not apply to inorganic compounds such as this substance.
Acetone	The substance is not PBT.
Silicon dioxide (amorphous)	The substance is not PBT.
Methyl acetate	The substance is not PBT.
Dibutyl phthalate	Under assessment as Persistent, Bioaccumulative and Toxic (PBT list).
1-methyl-2-pyrrolidone	The substance is not PBT.
1, 2, 4-Trimethylbenzene	The substance is not PBT.
Cumene	The substance is not PBT.

vPvB assessment:

1-Methoxy-2-propanol acetate	The substance is not vPvB.
Toluene	The substance is not vPvB.
Heptan-2-one	The substance is not vPvB.
Xylene	The substance is not vPvB.
Bound Carbon Black	vPvB assessment does not apply to inorganic compounds such as this substance.
Titanium Dioxide	vPvB assessment does not apply to inorganic compounds such as this substance.
Talc (non-asbestiform)	vPvB assessment does not apply to inorganic compounds such as this substance.
Aluminum hydroxide	vPvB assessment does not apply to inorganic compounds such as this substance.
Acetone	The substance is not vPvB.

Silicon dioxide (amorphous)	The substance is not vPvB.
Methyl acetate	The substance is not vPvB.
Dibutyl phthalate	The substance is not vPvB.
1-methyl-2-pyrrolidone	The substance is not vPvB.
1, 2, 4-Trimethylbenzene	The substance is not vPvB.
Cumene	The substance is not vPvB.

Other Adverse Effects: No data available.

SECTION 13: Disposal Considerations

Disposal Methods:

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities

Contaminated packages:

Not determined or not applicable.

SECTION 14: Transport Information

United States Transportation of Dangerous Goods (49 CFR DOT)

UN Number	UN-1263
UN Proper Shipping Name	Paint Related Material
UN Transport Hazard Class(es)	3 
Packing Group	II
Environmental Hazards	Marine Pollutant
Special Precautions for User	None

International Maritime Dangerous Goods (IMDG)

UN Number	UN-1263
UN Proper Shipping Name	Paint Related Material
UN Transport Hazard Class(es)	3 
Packing Group	II
Environmental Hazards	Marine Pollutant
Special Precautions for User	None

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN Number	Not regulated
UN Proper Shipping Name	Not regulated
UN Transport Hazard Class(es)	None
Packing Group	None
Environmental Hazards	None
Special Precautions for User	None

SECTION 15: Regulatory Information

United States Regulations

Inventory Listing (TSCA):

108-65-6	1-Methoxy-2-propanol acetate	Listed - Active
108-88-3	Toluene	Listed - Active
110-43-0	Heptan-2-one	Listed - Active
112945-52-5	Silica, amorphous, fumed, cryst.-free	Listed - Active
1318-59-8	Chlorite-group minerals	Not Listed
1330-20-7	Xylene	Listed - Active
1333-86-4	Bound Carbon Black	Listed - Active
13463-67-7	Titanium Dioxide	Listed - Active
14807-96-6	Talc (non-asbestiform)	Listed - Active
14808-60-7	Silica, crystalline quartz (respirable)	Listed - Active
169117-72-0	2,5,8,11 tetramethyl 6 dodecyn-5,8 diol ethoxylate	Not Listed
21645-51-2	Aluminum hydroxide	Listed - Active
25155-15-1	Cymene	Listed - Active
25551-13-7	Trimethylbenzene	Listed - Active
67-64-1	Acetone	Listed - Active
7631-86-9	Silicon dioxide (amorphous)	Listed - Active
79-20-9	Methyl acetate	Listed - Active
84-74-2	Dibutyl phthalate	Listed - Active
872-50-4	1-methyl-2-pyrrolidone	Listed - Active
95-63-6	1, 2, 4-Trimethylbenzene	Listed - Active
98-82-8	Cumene	Listed - Active

Significant New Use Rule (TSCA Section 5): None of the ingredients are listed.

Export Notification under TSCA Section 12(b):

108-65-6	1-Methoxy-2-propanol acetate	Not Listed
108-88-3	Toluene	Not Listed
110-43-0	Heptan-2-one	Not Listed
112945-52-5	Silica, amorphous, fumed, cryst.-free	Not Listed
1318-59-8	Chlorite-group minerals	Not Listed
1330-20-7	Xylene	Not Listed
1333-86-4	Bound Carbon Black	Not Listed
13463-67-7	Titanium Dioxide	Not Listed
14807-96-6	Talc (non-asbestiform)	Not Listed
14808-60-7	Silica, crystalline quartz (respirable)	Not Listed
169117-72-0	2,5,8,11 tetramethyl 6 dodecyn-5,8 diol ethoxylate	Not Listed
21645-51-2	Aluminum hydroxide	Not Listed
25155-15-1	Cymene	Not Listed
25551-13-7	Trimethylbenzene	Not Listed
67-64-1	Acetone	Not Listed
7631-86-9	Silicon dioxide (amorphous)	Not Listed
79-20-9	Methyl acetate	Not Listed
84-74-2	Dibutyl phthalate	Not Listed
872-50-4	1-methyl-2-pyrrolidone	Listed
95-63-6	1, 2, 4-Trimethylbenzene	Not Listed
98-82-8	Cumene	Not Listed

SARA Section 302 Extremely Hazardous Substances: None of the ingredients are listed.

SARA Section 313 Toxic Chemicals:

108-88-3	Toluene	Listed
1330-20-7	Xylene	Listed
84-74-2	Dibutyl phthalate	Listed
872-50-4	1-methyl-2-pyrrolidone	Listed
95-63-6	1, 2, 4-Trimethylbenzene	Listed

98-82-8	Cumene	Listed

CERCLA:

108-65-6	1-Methoxy-2-propanol acetate	Listed	100 lbs
108-88-3	Toluene	Listed	1000 lbs
1330-20-7	Xylene	Listed	100 lbs
25155-15-1	Cymene	Listed	100 lbs for RCRA D001
67-64-1	Acetone	Listed	5000 lb
79-20-9	Methyl acetate	Listed	100 lb
84-74-2	Dibutyl phthalate	Listed	10 lbs
95-63-6	1, 2, 4-Trimethylbenzene	Listed	100 lbs for RCRA D001
98-82-8	Cumene	Listed	5000 lb

RCRA:

108-65-6	1-Methoxy-2-propanol acetate	Listed	D001
108-88-3	Toluene	Listed	U220
1330-20-7	Xylene	Listed	U239
25155-15-1	Cymene	Listed	D001
67-64-1	Acetone	Listed	U002
79-20-9	Methyl acetate	Listed	D001
84-74-2	Dibutyl phthalate	Listed	U069
95-63-6	1, 2, 4-Trimethylbenzene	Listed	D001
98-82-8	Cumene	Listed	U055

Section 112(r) of the Clean Air Act (CAA): None of the ingredients are listed.

Massachusetts Right to Know:

108-88-3	Toluene	Listed
110-43-0	Heptan-2-one	Listed
1330-20-7	Xylene	Listed
1333-86-4	Bound Carbon Black	Listed
13463-67-7	Titanium Dioxide	Listed
14807-96-6	Talc (non-asbestiform)	Listed
14808-60-7	Silica, crystalline quartz (respirable)	Listed
25551-13-7	Trimethylbenzene	Listed
67-64-1	Acetone	Listed
7631-86-9	Silicon dioxide (amorphous)	Listed
79-20-9	Methyl acetate	Listed
84-74-2	Dibutyl phthalate	Listed
872-50-4	1-methyl-2-pyrrolidone	Listed
95-63-6	1, 2, 4-Trimethylbenzene	Listed
98-82-8	Cumene	Listed

New Jersey Right to Know:

108-88-3	Toluene	Listed

110-43-0	Heptan-2-one	Listed
1330-20-7	Xylene	Listed
1333-86-4	Bound Carbon Black	Listed
13463-67-7	Titanium Dioxide	Listed
14807-96-6	Talc (non-asbestiform)	Listed
14808-60-7	Silica, crystalline quartz (respirable)	Listed
25155-15-1	Cymene	Listed
25551-13-7	Trimethylbenzene	Listed
67-64-1	Acetone	Listed
79-20-9	Methyl acetate	Listed
84-74-2	Dibutyl phthalate	Listed
872-50-4	1-methyl-2-pyrrolidone	Listed
95-63-6	1, 2, 4-Trimethylbenzene	Listed
98-82-8	Cumene	Listed

New York Right to Know:

108-88-3	Toluene	Listed
110-43-0	Heptan-2-one	Listed
1318-59-8	Chlorite-group minerals	Listed
1330-20-7	Xylene	Listed
13463-67-7	Titanium Dioxide	Listed
25155-15-1	Cymene	Listed
25551-13-7	Trimethylbenzene	Listed
67-64-1	Acetone	Listed
79-20-9	Methyl acetate	Listed
84-74-2	Dibutyl phthalate	Listed
95-63-6	1, 2, 4-Trimethylbenzene	Listed
98-82-8	Cumene	Listed

Pennsylvania Right to Know:

108-88-3	Toluene	Listed
110-43-0	Heptan-2-one	Listed
1330-20-7	Xylene	Listed
1333-86-4	Bound Carbon Black	Listed
13463-67-7	Titanium Dioxide	Listed
14807-96-6	Talc (non-asbestiform)	Listed
14808-60-7	Silica, crystalline quartz (respirable)	Listed
25551-13-7	Trimethylbenzene	Listed
67-64-1	Acetone	Listed
7631-86-9	Silicon dioxide (amorphous)	Listed
79-20-9	Methyl acetate	Listed
84-74-2	Dibutyl phthalate	Listed
872-50-4	1-methyl-2-pyrrolidone	Listed
95-63-6	1, 2, 4-Trimethylbenzene	Listed
98-82-8	Cumene	Listed

California Proposition 65:

⚠**WARNING:** This product can expose you to chemicals including Titanium dioxide (airborne, unbound particles of respirable size), Silica, crystalline quartz (respirable), Silica, crystalline (airborne particles of respirable size) and Cumene; which are known to the State of California to cause cancer; and Toluene, Di-n-butyl phthalate (DBP) and 1-methyl-2-pyrrolidone, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Additional information: Not determined.

SECTION 16: Other Information

Abbreviations and Acronyms: None

Disclaimer:

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal 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, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

Initial Preparation Date: 02.11.2025

End of Safety Data Sheet