SAFETY DATA SHEET

N40A400

Section 1. Identification

Product name : MIL-PRF-24635, Type II, Class 2, Grade B LSA Enamel, Silicone Alkyd Copolymer

Haze Gray 26270

Product code : N40A400
Other means of : Not available.

identification

Product type : Liquid.

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

Paint or paint related material.

Manufacturer : THE SHERWIN-WILLIAMS COMPANY

101 W. Prospect Avenue Cleveland, OH 44115

Emergency telephone number of the company

: US / Canada: (800) 424-9300

Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

Product Information Telephone Number

: US / Canada: (800) 524-5979

Mexico: Not Available

Transportation Emergency Telephone Number

: US / Canada: (800) 424-9300

Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

Section 2. Hazards identification

OSHA/HCS status

: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture

: FLAMMABLE LIQUIDS - Category 3 SKIN SENSITIZATION - Category 1 CARCINOGENICITY - Category 2

TOXIC TO REPRODUCTION - Category 1B

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1

ASPIRATION HAZARD - Category 1

Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 7.8%

(oral), 10.4% (dermal), 7.8% (inhalation)

GHS label elements

Hazard pictograms







Signal word : Danger

Hazard statements: Flammable liquid and vapor.

May be fatal if swallowed and enters airways.

May cause an allergic skin reaction. Suspected of causing cancer.

May damage fertility or the unborn child.

Causes damage to organs through prolonged or repeated exposure. (lungs)

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Section 2. Hazards identification

Precautionary statements

Prevention

: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing, eye protection, face protection, or hearing protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not breathe vapor. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace.

Response

: IF exposed or concerned: Get medical advice or attention. IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. If skin irritation or rash occurs: Get medical advice or attention.

Storage Disposal

: Store locked up.

: Dispose of contents and container in accordance with all local, regional, national and international regulations.

Supplemental label elements

DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. FOR INDUSTRIAL USE ONLY. Adequate ventilation required when sanding or abrading the dried film. If Adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Abrading or sanding of the dry film may release Crystalline Silica which has been shown to cause lung damage and cancer under long term exposure.

Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.

Hazards not otherwise classified

: None known.

Section 3. Composition/information on ingredients

Substance/mixture
Other means of
identification

: Mixture : Not available.

CAS number/other identifiers

Ingredient name	% by weight	Identifiers	
Talc	≥10 - ≤25	14807-96-6	
Titanium Dioxide	≤10	13463-67-7	
Med. Aliphatic Hydrocarbon Solvent	≤10	64742-88-7	
Light Aromatic Hydrocarbons	≤10	64742-95-6	
trimethylbenzene	≤3	25551-13-7	
1,3,5-Trimethylbenzene	≤2.2	108-67-8	
1,2,4-Trimethylbenzene	≤2.2	95-63-6	
Xylene, mixed isomers	<1	1330-20-7	
Light Aliphatic Hydrocarbon	<1	64742-47-8	
Zirconium 2-Ethylhexanoate	≤1	22464-99-9	
Hydrotreated Heavy Petroleum Naphtha	≤1	64742-48-9	
Cumene	<1	98-82-8	
1,2,3-Trimethylbenzene	<1	526-73-8	
Ethylbenzene	≤0.3	100-41-4	
Methyl Ethyl Ketoxime	≤0.3	96-29-7	
Cobalt 2-Ethylhexanoate	≤0.3	136-52-7	

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

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Section 3. Composition/information on ingredients

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eve contact

: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

Inhalation

: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Skin contact

Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Ingestion

: Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contactInhalationNo known significant effects or critical hazards.No known significant effects or critical hazards.

Skin contact: May cause an allergic skin reaction.

Ingestion : May be fatal if swallowed and enters airways.

Over-exposure signs/symptoms

Eye contact : No specific data.

Inhalation : Adverse symptoms may include the following:

reduced fetal weight increase in fetal deaths skeletal malformations

Skin contact: Adverse symptoms may include the following:

irritation redness

reduced fetal weight increase in fetal deaths skeletal malformations

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Section 4. First aid measures

Ingestion

: Adverse symptoms may include the following:

nausea or vomiting reduced fetal weight increase in fetal deaths skeletal malformations

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician

: Treat symptomatically. Contact poison treatment specialist immediately if large

quantities have been ingested or inhaled.

Specific treatments

: No specific treatment.

Protection of first-aiders

No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing

media

: Use dry chemical, CO₂, water spray (fog) or foam.

Unsuitable extinguishing

media

: Do not use water jet.

Specific hazards arising from the chemical

: Flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.

Hazardous thermal decomposition products

: Decomposition products may include the following materials: carbon dioxide

carbon monoxide metal oxide/oxides

Special protective actions for fire-fighters

: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire-fighters

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

: Flammable liquid.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remark

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: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

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Section 6. Accidental release measures

For emergency responders: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For nonemergency personnel".

Environmental precautions

: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Small spill

: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill

: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Section 7. Handling and storage

Precautions for safe handling

Protective measures

: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not swallow. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities

: Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

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Control parameters

Occupational exposure limits (OSHA United States)

Ingredient name	CAS#	Exposure limits
Talc	14807-96-6	ACGIH TLV (United States, 1/2024) A4. TWA 8 hours: 2 mg/m³. Form: Respirable fraction. NIOSH REL (United States, 10/2020) TWA 10 hours: 2 mg/m³. Form: Respirable fraction.
Titanium Dioxide	13463-67-7	ACGIH TLV (United States, 1/2024) A3. TWA 8 hours: 2.5 mg/m³. Form: respirable fraction, finescale particles. NIOSH REL (United States, 10/2020) NIA. OSHA PEL (United States, 5/2018) TWA 8 hours: 15 mg/m³. Form: Total dust.
Med. Aliphatic Hydrocarbon Solvent	64742-88-7	OSHA PEL (United States, 5/2018) [Naphtha (Coal tar)] TWA 8 hours: 100 ppm. TWA 8 hours: 400 mg/m³.
Light Aromatic Hydrocarbons trimethylbenzene	64742-95-6 25551-13-7	None. ACGIH TLV (United States, 1/2024) [trimethyl benzene, isomers] TWA 8 hours: 10 ppm.
1,3,5-Trimethylbenzene	108-67-8	ACGIH TLV (United States, 1/2024) [trimethyl benzene, isomers] TWA 8 hours: 10 ppm. NIOSH REL (United States, 10/2020) TWA 10 hours: 25 ppm. TWA 10 hours: 125 mg/m³.
1,2,4-Trimethylbenzene	95-63-6	ACGIH TLV (United States, 1/2024) A4. TWA 8 hours: 10 ppm. NIOSH REL (United States, 10/2020) TWA 10 hours: 25 ppm. TWA 10 hours: 125 mg/m³.
Xylene, mixed isomers	1330-20-7	ACGIH TLV (United States, 1/2024) [p-xylene and mixtures containing p-xylene] A4. Ototoxicant. TWA 8 hours: 20 ppm. OSHA PEL (United States, 5/2018) [Xylenes] TWA 8 hours: 100 ppm. TWA 8 hours: 435 mg/m³.
Light Aliphatic Hydrocarbon	64742-47-8	ACGIH TLV (United States, 1/2024) [Kerosene] A3. Absorbed through skin. TWA 8 hours: 200 mg/m³ (as total hydrocarbon vapor).
Zirconium 2-Ethylhexanoate	22464-99-9	ACGIH TLV (United States, 1/2024) [Zirconium and compounds] A4. TWA 8 hours: 5 mg/m³ (as Zr). STEL 15 minutes: 10 mg/m³ (as Zr). NIOSH REL (United States, 10/2020) [zirconium compounds] TWA 10 hours: 5 mg/m³ (as Zr). STEL 15 minutes: 10 mg/m³ (as Zr). OSHA PEL (United States, 5/2018)

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		[Zirconium compounds] TWA 8 hours: 5 mg/m³ (as Zr).
Hydrotreated Heavy Petroleum Naphtha Cumene	64742-48-9 98-82-8	None. ACGIH TLV (United States, 1/2024) A3.
Cameria	00 02 0	TWA 8 hours: 5 ppm.
		NIOSH REL (United States, 10/2020) Absorbed through skin.
		TWA 10 hours: 50 ppm.
		TWA 10 hours: 245 mg/m³.
		OSHA PEL (United States, 5/2018) Absorbed through skin.
		TWA 8 hours: 50 ppm.
		TWA 8 hours: 245 mg/m³.
1,2,3-Trimethylbenzene	526-73-8	ACGIH TLV (United States, 1/2024)
		[trimethyl benzene, isomers] TWA 8 hours: 10 ppm.
		NIOSH REL (United States, 10/2020)
		TWA 10 hours: 25 ppm.
Ethylbenzene	100-41-4	TWA 10 hours: 125 mg/m³. ACGIH TLV (United States, 1/2024) A3.
Lutyberizerie	100-41-4	Ototoxicant.
		TWA 8 hours: 20 ppm.
		NIOSH REL (United States, 10/2020) TWA 10 hours: 100 ppm.
		TWA 10 hours: 100 ppm. TWA 10 hours: 435 mg/m³.
		STEL 15 minutes: 125 ppm.
		STEL 15 minutes: 545 mg/m³. OSHA PEL (United States, 5/2018)
		TWA 8 hours: 100 ppm.
		TWA 8 hours: 435 mg/m³.
Methyl Ethyl Ketoxime	96-29-7	OARS WEEL (United States, 6/2024) Skin
		sensitizer.
Cobalt 2-Ethylhexanoate	136-52-7	TWA 8 hours: 10 ppm. ACGIH TLV (United States, 1/2024) [cobalt
		and inorganic compounds] A3. Skin
		sensitizer , Inhalation sensitizer.
		TWA 8 hours: 0.02 mg/m³ (as Co).

Occupational exposure limits (Canada)

Ingredient name	CAS#	Exposure limits
talc (none asbestiform)	14807-96-6	CA Saskatchewan Provincial (Canada, 4/2021) TWA 8 hours: 2 mg/m³. Form: respirable fraction. CA British Columbia Provincial (Canada, 4/2024) TWA 8 hours: 2 mg/m³. Form: Respirable. Notes: the value is for particulate matter containing no asbestos and less than 1% crystalline silica. CA Ontario Provincial (Canada, 6/2019) TWA 8 hours: 2 mg/m³. Form: Respirable particulate matter TWA 8 hours: 2 fibers/cm³. CA Quebec Provincial (Canada, 2/2024) TWAEV 8 hours: 2 mg/m³. Form: respirable

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		aerosol fraction. CA Alberta Provincial (Canada, 3/2023) OEL 8 hours: 2 mg/m³. Form: Respirable particulate.
Medium aliphatic solvent naphtha (petroleum) C9-C12	64742-88-7	CA Ontario Provincial (Canada, 6/2019) [Mineral Spirits] TWA 8 hours: 525 mg/m³.
Trimethylbenzene	25551-13-7	CA Saskatchewan Provincial (Canada, 4/2021) [Trimethyl benzene] STEL 15 minutes: 30 ppm. TWA 8 hours: 25 ppm. CA British Columbia Provincial (Canada, 4/2024) [trimethyl benzene (mixed isomers)] TWA 8 hours: 25 ppm. CA Ontario Provincial (Canada, 6/2019) [Trimethyl benzene (mixed isomers)] TWA 8 hours: 25 ppm. CA Quebec Provincial (Canada, 2/2024) [Trimethyl benzene] Sensitizer. TWAEV 8 hours: 25 ppm. CA Alberta Provincial (Canada, 3/2023) [Trimethyl benzene] OEL 8 hours: 123 mg/m³. OEL 8 hours: 25 ppm.
Mesitylene	108-67-8	CA Saskatchewan Provincial (Canada, 4/2021) [Trimethyl benzene] STEL 15 minutes: 30 ppm. TWA 8 hours: 25 ppm. CA British Columbia Provincial (Canada, 4/2024) [trimethyl benzene (mixed isomers)] TWA 8 hours: 25 ppm. CA Ontario Provincial (Canada, 6/2019) [Trimethyl benzene (mixed isomers)] TWA 8 hours: 25 ppm. CA Quebec Provincial (Canada, 2/2024) [Trimethyl benzene] Sensitizer. TWAEV 8 hours: 25 ppm. CA Alberta Provincial (Canada, 3/2023) [Trimethyl benzene] OEL 8 hours: 123 mg/m³. OEL 8 hours: 25 ppm.
1,2,4-Trimethylbenzene	95-63-6	CA Saskatchewan Provincial (Canada, 4/2021) [Trimethyl benzene] STEL 15 minutes: 30 ppm. TWA 8 hours: 25 ppm. CA British Columbia Provincial (Canada, 4/2024) [trimethyl benzene (mixed isomers)] TWA 8 hours: 25 ppm. CA Ontario Provincial (Canada, 6/2019) [Trimethyl benzene (mixed isomers)] TWA 8 hours: 25 ppm. CA Quebec Provincial (Canada, 2/2024) [Trimethyl benzene] Sensitizer. TWAEV 8 hours: 25 ppm.

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		CA Alberta Provincial (Canada, 3/2023) [Trimethyl benzene] OEL 8 hours: 123 mg/m³. OEL 8 hours: 25 ppm.
Xylene	1330-20-7	CA Saskatchewan Provincial (Canada, 4/2021) [Xylene] STEL 15 minutes: 150 ppm. TWA 8 hours: 100 ppm. CA British Columbia Provincial (Canada, 4/2024) [xylene (o, m & p isomers)] TWA 8 hours: 100 ppm. STEL 15 minutes: 150 ppm. CA Ontario Provincial (Canada, 6/2019) [Xylene (o-, m-, p-isomers)] STEL 15 minutes: 150 ppm. TWA 8 hours: 100 ppm. CA Quebec Provincial (Canada, 2/2024) [Xylene] TWAEV 8 hours: 100 ppm. TWAEV 8 hours: 434 mg/m³. STEV 15 minutes: 651 mg/m³. CA Alberta Provincial (Canada, 3/2023) [Dimethylbenzene] OEL 8 hours: 100 ppm. OEL 15 minutes: 651 mg/m³. OEL 15 minutes: 651 mg/m³. OEL 15 minutes: 150 ppm.
Petroleum refining, hydrotreated light distillate	64742-47-8	CA British Columbia Provincial (Canada, 4/2024) [kerosene/jet fuels] Absorbed through skin. TWA 8 hours: 200 mg/m³ (as total hydrocarbon vapour). Notes: Application restricted to conditions in which there are negligible aerosol exposures. CA Ontario Provincial (Canada, 6/2019) Absorbed through skin. TWA 8 hours: 200 mg/m³ (as total hydrocarbon vapour). CA Quebec Provincial (Canada, 2/2024) [kerosene] C3. Absorbed through skin. TWAEV 8 hours: 200 mg/m³. CA Alberta Provincial (Canada, 3/2023) [Kerosene/Jet fuels] Absorbed through skin. OEL 8 hours: 200 mg/m³ (as total hydrocarbon vapour).
Zirconium 2-Ethylhexanoate	22464-99-9	CA British Columbia Provincial (Canada, 4/2024) [zirconium and compounds] TWA 8 hours: 5 mg/m³ (as Zr). STEL 15 minutes: 10 mg/m³ (as Zr). CA Ontario Provincial (Canada, 6/2019) [Zirconium and compounds] STEL 15 minutes: 10 mg/m³ (as Zr). TWA 8 hours: 5 mg/m³ (as Zr). CA Quebec Provincial (Canada, 2/2024) [Zirconium and compounds] TWAEV 8 hours: 5 mg/m³ (as Zr).

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Cumene	98-82-8	STEV 15 minutes: 10 mg/m³ (as Zr). CA Alberta Provincial (Canada, 3/2023) [Zirconium and compounds] OEL 8 hours: 5 mg/m³ (as Zr). OEL 15 minutes: 10 mg/m³ (as Zr). CA Saskatchewan Provincial (Canada, 4/2021) STEL 15 minutes: 74 ppm. TWA 8 hours: 50 ppm. CA British Columbia Provincial (Canada, 4/2024) Carc 2B. TWA 8 hours: 25 ppm.
		STEL 15 minutes: 75 ppm. CA Ontario Provincial (Canada, 6/2019) TWA 8 hours: 50 ppm. CA Quebec Provincial (Canada, 2/2024) C3. TWAEV 8 hours: 5 ppm. CA Alberta Provincial (Canada, 3/2023) OEL 8 hours: 50 ppm. OEL 8 hours: 246 mg/m³.
Ethylbenzene	100-41-4	CA Saskatchewan Provincial (Canada, 4/2021) STEL 15 minutes: 125 ppm. TWA 8 hours: 100 ppm. CA British Columbia Provincial (Canada, 4/2024) Carc 2B. TWA 8 hours: 20 ppm. CA Ontario Provincial (Canada, 6/2019) TWA 8 hours: 20 ppm. CA Quebec Provincial (Canada, 2/2024) C3. TWAEV 8 hours: 20 ppm. CA Alberta Provincial (Canada, 3/2023) OEL 8 hours: 100 ppm. OEL 8 hours: 434 mg/m³. OEL 15 minutes: 543 mg/m³. OEL 15 minutes: 125 ppm.
Methyl Ethyl Ketoxime	96-29-7	OARS WEEL (United States, 6/2024) Skin sensitizer. TWA 8 hours: 10 ppm.
Cobalt 2-Ethylhexanoate	136-52-7	CA Saskatchewan Provincial (Canada, 4/2021) [Cobalt and inorganic compounds] STEL 15 minutes: 0.06 mg/m³ (measured as Co). TWA 8 hours: 0.02 mg/m³ (measured as Co). CA British Columbia Provincial (Canada, 4/2024) [cobalt and inorganic compounds] Carc 2B. Skin sensitizer, Inhalation sensitizer. TWA 8 hours: 0.02 mg/m³ (as Co). Form: Total. CA British Columbia Provincial (Canada, 4/2024) [cobalt and inorganic compounds (inhalable)] Carc 2B. Skin sensitizer, Inhalation sensitizer. Notes: No British

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	1	Colombia Company Control of the Cont
		Columbia exposure limit at this time CA Ontario Provincial (Canada, 6/2019) [Cobalt and inorganic compounds] TWA 8 hours: 0.02 mg/m³ (as Co). CA Quebec Provincial (Canada, 2/2024) [Cobalt elemental, and inorganic compounds] C3. Skin sensitizer, Inhalation sensitizer. TWAEV 8 hours: 0.02 mg/m³ (as Co). Form: inhalable aerosol fraction.
2-Butoxyethanol	111-76-2	CA Saskatchewan Provincial (Canada, 4/2021) STEL 15 minutes: 30 ppm. TWA 8 hours: 20 ppm. CA British Columbia Provincial (Canada, 4/2024) TWA 8 hours: 20 ppm. CA Ontario Provincial (Canada, 6/2019) TWA 8 hours: 20 ppm. CA Quebec Provincial (Canada, 2/2024) C3. TWAEV 8 hours: 20 ppm. CA Alberta Provincial (Canada, 3/2023) OEL 8 hours: 97 mg/m³. OEL 8 hours: 20 ppm.

Occupational exposure limits (Mexico)

Ingredient name	CAS#	Exposure limits
trimethylbenzene	25551-13-7	NOM-010-STPS-2014 (Mexico, 4/2016) [Trimetil benceno, mezcla de Isómeros] TWA 8 hours: 25 ppm.
1,3,5-Trimethylbenzene	108-67-8	NOM-010-STPS-2014 (Mexico, 4/2016) [Trimetil benceno, mezcla de Isómeros] TWA 8 hours: 25 ppm.
1,2,4-Trimethylbenzene	95-63-6	NOM-010-STPS-2014 (Mexico, 4/2016) [Trimetil benceno, mezcla de Isómeros] TWA 8 hours: 25 ppm.
Zirconium 2-Ethylhexanoate	22464-99-9	NOM-010-STPS-2014 (Mexico, 4/2016) [Circonio y compuestos] A4. TWA 8 hours: 5 mg/m³ (as Zr). STEL 15 minutes: 10 mg/m³ (as Zr).
Cumene	98-82-8	NOM-010-STPS-2014 (Mexico, 4/2016) TWA 8 hours: 50 ppm.
Cobalt 2-Ethylhexanoate	136-52-7	NOM-010-STPS-2014 (Mexico, 4/2016) [Cobalto y compuestos inorgánicos] A3. TWA 8 hours: 0.02 mg/m³ (as Co).

Biological exposure indices (United States)

Ingredient name	Exposure indices
Xylene, mixed isomers	ACGIH BEI (United States, 1/2024) [xylenes (technical or commercial grades)] BEI: 0.3 g/g creatinine, methylhippuric acids [in urine]. Sampling time: end of shift.
Ethylbenzene	ACGIH BEI (United States, 1/2024) BEI: 150 mg/g creatinine, sum of mandelic acid and phenylglyoxylic acid [in urine]. Sampling time: end of shift.
Cobalt 2-Ethylhexanoate	ACGIH BEI (United States, 1/2024) [cobalt and inorganic compounds including cobalt oxides] BEI: 15 µg/l, not combined with tungsten carbide - cobalt [in urine]. Sampling time: end of shift at end of workweek. BEI: Nonquantitative: Biological monitoring should be considered for this compound based on the review; however, a specific BEI® could not be determined due to insufficient data., cobalt with tungsten carbide - cobalt [in urine]. Sampling time: end of shift at end of workweek.

Biological exposure indices (Canada)

No exposure indices known.

Biological exposure indices (Mexico)

Ingredient name	Exposure indices
Cobalt 2-Ethylhexanoate	Official Mexican STANDARD NOM- 047-SSA1-2011, Environmental Health- Biological exposure indices for personnel occupationally exposed to chemical substances. (Mexico, 6/2012) [cobalt and its compounds] BEI: 1 µg/I [Basal level.The determinant may be present in the biological sample obtained from subjects who have not been occupationally exposed, at a concentration that could affect the interpretation of the results. These background levels are included in the valu; semi-quantitative.The biological determinant is an indicator of chemical exposure, but the quantitative interpretation of the measure is ambiguous. These biological determinants should be used as a screening test if a quantitative test is not possible.], cobalt [in blood]. Sampling time: at the end of the shift at the end of the work week. BEI: 15 µg/I [Basal level.The determinant may be present in the biological sample obtained from subjects who have not been occupationally exposed, at a concentration that could affect the interpretation of the results. These background levels are included

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in the valu], cobalt [in urine]. Sampling time: at the end of the shift at the end of the work week.

Appropriate engineering controls

: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Environmental exposure controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with sideshields.

Skin protection

Hand protection

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body protection

: 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. When there is a risk of ignition from static electricity, wear antistatic protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

Other skin protection

: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection

: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

Appearance

Physical state : Liquid.
Color : Gray.

Odor : Not available.
Odor threshold : Not available.

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Section 9. Physical and chemical properties

pH : Not applicable.

Melting point/freezing point : Not available.

Boiling point or initial : 148°C (298.4°F)

boiling point and boiling range

Flash point : Closed cup: 38°C (100.4°F) [Pensky-Martens Closed Cup]

Evaporation rate : 0.23 (butyl acetate = 1)

Flammability : Flammable liquid.

Lower and upper explosion : Lower: 0.7%

limit/flammability limit : Upper: 7%

Vapor pressure : 0.51 kPa (3.8 mm Hg)

Relative vapor density : 4.1 [Air = 1]

Relative density : 1.36

Density : 1.36 g/cm³

Solubility(ies) :

 Media
 Result

 cold water
 Not soluble

Partition coefficient: n-

octanol/water

: Not applicable.

Auto-ignition temperature : Not available.

Decomposition temperature : Not available.

Viscosity : Dynamic (room temperature): Not available.

Kinematic (room temperature): Not available. Kinematic (40°C (104°F)): <20.5 mm²/s (<20.5 cSt)

Molecular weight : Not applicable.

Particle characteristics

Median particle size : Not applicable.

Heat of combustion : 9.394 kJ/g

Section 10. Stability and reactivity

Reactivity: No specific test data related to reactivity available for this product or its ingredients.

Chemical stability: The product is stable.

Possibility of hazardous reactions

: 0

: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld,

braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not

allow vapor to accumulate in low or confined areas.

Incompatible materials: Reactive or incompatible with the following materials:

oxidizing materials

Hazardous decomposition

products

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: Under normal conditions of storage and use, hazardous decomposition products should

not be produced.

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Information on toxicological effects

Acute toxicity

Product/ingredient name Result

Light Aromatic Hydrocarbons Rat - Oral - LD50

8400 mg/kg

<u>Toxic effects</u>: Behavioral - Somnolence (general depressed activity) Behavioral - Tremor Lung, Thorax, or Respiration - Other

changes

trimethylbenzene Rat - Oral - LD50

8970 mg/kg

1,3,5-Trimethylbenzene Rat - Oral - LD50

5000 mg/kg

Rat - Inhalation - LC50 Vapor

24000 mg/m³ [4 hours]

1,2,4-Trimethylbenzene Rat - Oral - LD50

5 g/kg

Rat - Inhalation - LC50 Vapor

18000 mg/m³ [4 hours]

Xylene, mixed isomers Rat - Oral - LD50

4300 mg/kg

<u>Toxic effects</u>: Liver - Other changes Kidney, Ureter, and Bladder -

Other changes

Rat - Inhalation - LC50 Gas.

6700 ppm [4 hours]

Toxic effects: Behavioral - Somnolence (general depressed

activity)

Zirconium 2-Ethylhexanoate Rabbit - Dermal - LD50

>5 g/kg

Rat - Oral - LD50

>5 g/kg

Toxic effects: Behavioral - Somnolence (general depressed

activity)

Hydrotreated Heavy Petroleum Naphtha Rat - Oral - LD50

>6 g/kg

Rat - Inhalation - LC50 Vapor

8500 mg/m³ [4 hours]

Toxic effects: Lung, Thorax, or Respiration - Other changes

Cumene Rat - Oral - LD50

1400 mg/kg

Toxic effects: Gastrointestinal - Gastritis

Rat - Inhalation - LC50 Vapor

39000 mg/m³ [4 hours] **Rat - Oral - LD50**

3500 mg/kg

Toxic effects: Liver - Other changes Kidney, Ureter, and Bladder -

Other changes

Rabbit - Dermal - LD50

>5000 mg/kg Rat - Oral - LD50

Methyl Ethyl Ketoxime Rat - Oral - LD50

930 mg/kg

Cobalt 2-Ethylhexanoate Rabbit - Dermal - LD50

>5 g/kg

<u>Toxic effects</u>: Skin After topical exposure - Primary irritation

Rat - Oral - LD50

1.22 g/kg

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Ethylbenzene

Toxic effects: Behavioral - Ataxia Behavioral - Coma

: Not available. **Conclusion/Summary [Product]**

Skin corrosion/irritation

Cumene

Product/ingredient name Result

Talc Human - Skin - Mild irritant

> Duration of treatment/exposure: 72 hours Amount/concentration applied: 300 ug I

Human - Skin - Mild irritant Titanium Dioxide

> Duration of treatment/exposure: 72 hours Amount/concentration applied: 300 ug I

Rabbit - Skin - Moderate irritant trimethylbenzene

> Duration of treatment/exposure: 24 hours Amount/concentration applied: 500 mg

Rabbit - Skin - Moderate irritant 1,3,5-Trimethylbenzene

> Duration of treatment/exposure: 24 hours Amount/concentration applied: 20 mg

Rat - Skin - Mild irritant Xylene, mixed isomers

> Duration of treatment/exposure: 8 hours Amount/concentration applied: 60 uL Rabbit - Skin - Moderate irritant Duration of treatment/exposure: 24 hours Amount/concentration applied: 500 mg Rabbit - Skin - Moderate irritant Amount/concentration applied: 100 %

Rabbit - Skin - Mild irritant

Duration of treatment/exposure: 24 hours Amount/concentration applied: 10 mg Rabbit - Skin - Moderate irritant Duration of treatment/exposure: 24 hours Amount/concentration applied: 100 mg

Ethylbenzene Rabbit - Skin - Mild irritant

> Duration of treatment/exposure: 24 hours Amount/concentration applied: 15 mg

: Not available. **Conclusion/Summary [Product]**

Serious eye damage/eye irritation

Product/ingredient name

Light Aromatic Hydrocarbons Rabbit - Eyes - Mild irritant

> Duration of treatment/exposure: 24 hours Amount/concentration applied: 100 uL

trimethylbenzene Rabbit - Eyes - Mild irritant

> Duration of treatment/exposure: 24 hours Amount/concentration applied: 500 mg

Rabbit - Eyes - Mild irritant 1,3,5-Trimethylbenzene

> Duration of treatment/exposure: 24 hours Amount/concentration applied: 500 mg

Xylene, mixed isomers Rabbit - Eyes - Mild irritant

> Amount/concentration applied: 87 mg Rabbit - Eyes - Severe irritant

Duration of treatment/exposure: 24 hours Amount/concentration applied: 5 mg

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Cumene Rabbit - Eyes - Mild irritant

<u>Duration of treatment/exposure</u>: 24 hours <u>Amount/concentration applied</u>: 500 mg

Rabbit - Eyes - Mild irritant

Amount/concentration applied: 86 mg

Ethylbenzene Rabbit - Eyes - Severe irritant

Amount/concentration applied: 500 mg

Rabbit - Eyes - Severe irritant

Amount/concentration applied: 100 uL

Conclusion/Summary [Product] : Not available.

Respiratory corrosion/irritation

Methyl Ethyl Ketoxime

Not available.

Conclusion/Summary [Product] : Not available.

Respiratory or skin sensitization

Not available.

Skin

Conclusion/Summary [Product]: Not available.

Respiratory

Conclusion/Summary [Product] : Not available.

Germ cell mutagenicity

Not available.

Conclusion/Summary [Product] : Not available.

Carcinogenicity

Not available.

Conclusion/Summary [Product]: Not available.

Classification

Product/ingredient name	OSHA	IARC	NTP
Talc	-	3	-
Titanium Dioxide	-	2B	-
Xylene, mixed isomers	-	3	-
Cumene	-	2B	Reasonably anticipated to be a human carcinogen.
Ethylbenzene	-	2B	-
Cobalt 2-Ethylhexanoate	-	2B	Reasonably anticipated to be a human carcinogen.

Reproductive toxicity

Not available.

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Conclusion/Summary [Product] : Not available.

Specific target organ toxicity (single exposure)

Product/ingredient name Result

Light Aromatic Hydrocarbons SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)

(Respiratory tract irritation) - Category 3

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)

(Narcotic effects) - Category 3

1,3,5-Trimethylbenzene SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)

(Respiratory tract irritation) - Category 3

1,2,4-Trimethylbenzene SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)

(Respiratory tract irritation) - Category 3

Xylene, mixed isomers SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)

(Respiratory tract irritation) - Category 3

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)

(Narcotic effects) - Category 3

Light Aliphatic Hydrocarbon SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)

(Narcotic effects) - Category 3

Cumene SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)

(Narcotic effects) - Category 3

1,2,3-Trimethylbenzene SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)

(Respiratory tract irritation) - Category 3

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)

(Narcotic effects) - Category 3

Ethylbenzene SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)

(Narcotic effects) - Category 3

Methyl Ethyl Ketoxime SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)

(upper respiratory tract) - Category 1

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)

(Narcotic effects) - Category 3

Specific target organ toxicity (repeated exposure)

Product/ingredient name Result

Talc SPECIFIC TARGET ORGAN TOXICITY (REPEATED

EXPOSURE) (lungs) - Category 1

Med. Aliphatic Hydrocarbon Solvent SPECIFIC TARGET ORGAN TOXICITY (REPEATED

EXPOSURE) - Category 1

Xylene, mixed isomers SPECIFIC TARGET ORGAN TOXICITY (REPEATED

EXPOSURE) - Category 2

Ethylbenzene SPECIFIC TARGET ORGAN TOXICITY (REPEATED

EXPOSURE) - Category 2

Methyl Ethyl Ketoxime SPECIFIC TARGET ORGAN TOXICITY (REPEATED

EXPOSURE) (blood system) - Category 2

Aspiration hazard

Product/ingredient name Result

Med. Aliphatic Hydrocarbon Solvent
Light Aromatic Hydrocarbons
ASPIRATION HAZARD - Category 1
trimethylbenzene
ASPIRATION HAZARD - Category 1
1,3,5-Trimethylbenzene
ASPIRATION HAZARD - Category 1
1,2,4-Trimethylbenzene
ASPIRATION HAZARD - Category 1
Xylene, mixed isomers
ASPIRATION HAZARD - Category 1
ASPIRATION HAZARD - Category 1

Light Aliphatic Hydrocarbon ASPIRATION HAZARD - Category 1
Hydrotreated Heavy Petroleum Naphtha ASPIRATION HAZARD - Category 1

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Cumene ASPIRATION HAZARD - Category 1 1,2,3-Trimethylbenzene ASPIRATION HAZARD - Category 1

Ethylbenzene ASPIRATION HAZARD - Category 1

Information on the likely routes of exposure

Not available.

Potential acute health effects

Eye contact : No known significant effects or critical hazards. Inhalation : No known significant effects or critical hazards.

Skin contact : May cause an allergic skin reaction.

Ingestion : May be fatal if swallowed and enters airways.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : No specific data.

Inhalation : Adverse symptoms may include the following:

reduced fetal weight increase in fetal deaths skeletal malformations

Skin contact : Adverse symptoms may include the following:

> irritation redness

reduced fetal weight increase in fetal deaths skeletal malformations

Ingestion : Adverse symptoms may include the following:

> nausea or vomiting reduced fetal weight increase in fetal deaths skeletal malformations

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate : Not available.

effects

Potential delayed effects : Not available.

Long term exposure

Potential immediate : Not available.

effects

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Potential delayed effects : Not available.

Potential chronic health effects

Not available.

Conclusion/Summary [Product] : Not available.

General : Causes damage to organs through prolonged or repeated exposure. Once sensitized,

a severe allergic reaction may occur when subsequently exposed to very low levels.

: Suspected of causing cancer. Risk of cancer depends on duration and level of Carcinogenicity

exposure.

Mutagenicity : No known significant effects or critical hazards.

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Reproductive toxicity : May damage fertility or the unborn child.

Numerical measures of toxicity

Acute toxicity estimates

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
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Enamel, Silicone Alkyd Copolymer					
Light Aromatic Hydrocarbons	8400	N/A	N/A	N/A	N/A
trimethylbenzene	500	N/A	N/A	11	N/A
1,3,5-Trimethylbenzene	5000	N/A	N/A	24	N/A
1,2,4-Trimethylbenzene	5000	N/A	N/A	18	N/A
Xylene, mixed isomers	4300	2500	N/A	N/A	N/A
Cumene	1400	N/A	N/A	39	N/A
Ethylbenzene	3500	N/A	N/A	11	N/A
Methyl Ethyl Ketoxime	100	1100	N/A	N/A	N/A
Cobalt 2-Ethylhexanoate	1220	N/A	N/A	N/A	N/A

Section 12. Ecological information

Toxicity

Product/ingredient name

Titanium Dioxide

trimethylbenzene

1,3,5-Trimethylbenzene

1,2,4-Trimethylbenzene

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Result

Acute - LC50 - Marine water

Fish - Mummichog - Fundulus heteroclitus

>1000 mg/l [96 hours]

Effect: Mortality

Acute - LC50 - Marine water

Crustaceans - Daggerblade grass shrimp - Palaemon pugio

5600 µg/l [48 hours] Effect: Mortality

Acute - LC50 - Marine water

Crustaceans - Dungeness or edible crab - Cancer magister - Zoea

Age: 1

13 mg/l [48 hours] Effect: Mortality

Acute - LC50 - Fresh water

Fish - Goldfish - Carassius auratus

Age: 1 to 1.5 years; Size: 13 to 20 cm; Weight: 20 to 80 g

12.52 mg/l [96 hours] Effect: Mortality

Chronic - NOEC - Fresh water

Daphnia - Water flea - Daphnia magna

Age: ≤24 hours 0.4 mg/l [21 days] Effect: Reproduction

Acute - LC50 - Marine water

Crustaceans - Scud - Elasmopus pectenicrus - Adult

4910 µg/l [48 hours] Effect: Mortality

Acute - LC50 - Fresh water

Fish - Fathead minnow - Pimephales promelas

Age: 34 days

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7720 µg/l [96 hours] Effect: Mortality

Xylene, mixed isomers Acute - LC50 - Marine water

Crustaceans - Daggerblade grass shrimp - Palaemon pugio

8500 µg/l [48 hours] Effect: Mortality

Acute - LC50 - Fresh water

Fish - Fathead minnow - *Pimephales promelas* Age: 31 days; Size: 18.4 mm; Weight: 0.077 g

13.4 mg/l [96 hours] Effect: Mortality

Light Aliphatic Hydrocarbon Acute - LC50 - Fresh water

Fish - Bluegill - Lepomis macrochirus

Size: 35 to 75 mm 2200 µg/l [4 days] Effect: Mortality

Cumene Acute - LC50 - Fresh water

Fish - Rainbow trout, donaldson trout - Oncorhynchus mykiss

2700 μg/l [96 hours] Effect: Mortality

Acute - EC50 - Marine water

Crustaceans - Brine shrimp - Artemia sp. - Nauplii

Age: 2 to 3

7.4 mg/l [48 hours] Effect: Intoxication

Acute - EC50 - Fresh water

Algae - Green algae - Raphidocelis subcapitata

2600 μg/l [72 hours] Effect: Growth

Ethylbenzene Acute - LC50 - Fresh water

Fish - Rainbow trout, donaldson trout - Oncorhynchus mykiss

4200 μg/l [96 hours] Effect: Mortality

Acute - EC50 - Fresh water

Daphnia - Water flea - Daphnia magna - Neonate

<u>Age</u>: ≤24 hours 2.93 mg/l [48 hours] Effect: Intoxication

Acute - EC50 - Fresh water

Algae - Green algae - Raphidocelis subcapitata

3600 µg/l [96 hours] Effect: Population

Methyl Ethyl Ketoxime Acute - LC50 - Fresh water

Fish - Fathead minnow - *Pimephales promelas* Age: 30 days; <u>Size</u>: 21.2 mm; <u>Weight</u>: 0.148 g

843 mg/l [96 hours] Effect: Mortality

Conclusion/Summary [Product] : Not available.

Persistence and degradability

Not available.

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Conclusion/Summary [Product]: Not available.

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Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Light Aromatic Hydrocarbons	-	-	Readily
Xylene, mixed isomers	-	-	Readily
Ethylbenzene	-	-	Readily

Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential	
Light Aromatic Hydrocarbons	-	10 to 2500	High	
1,3,5-Trimethylbenzene	-	161	Low	
1,2,4-Trimethylbenzene	-	243	Low	
Xylene, mixed isomers	-	8.1 to 25.9	Low	
Zirconium 2-Ethylhexanoate	-	2.96	Low	
Hydrotreated Heavy	-	10 to 2500	High	
Petroleum Naphtha				
Cumene	-	35.48	Low	
1,2,3-Trimethylbenzene	-	194.98	Low	
Methyl Ethyl Ketoxime	-	2.5 to 5.8	Low	
Cobalt 2-Ethylhexanoate	-	15600	High	

Mobility in soil

Soil/Water partition coefficient

: Not available.

Other adverse effects

No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	IATA	IMDG
UN number	UN1263	UN1263	UN1263	UN1263	UN1263
UN proper shipping name	PAINT	PAINT	PAINT	PAINT	PAINT

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Section 14. Transport information 3 **Transport** 3 3 hazard class(es) **Packing group** Ш Ш Ш Ш Ш No. No. **Environmental** No. No. No. hazards **Additional** This product may Product classified **Emergency** be re-classified as information as per the schedules F-E, S-"Combustible following sections Liquid." unless of the transported by Transportation of vessel or aircraft. Dangerous Goods Regulations: Non-bulk packages (less 2.18-2.19 (Class than or equal to 3). 119 gal) of combustible liquids are not regulated as hazardous materials in package sizes less than the product reportable quantity. ERG No. ERG No. ERG No. 128 128 128

Special precautions for user :

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

Transport in bulk according to IMO instruments

: Not available.

Proper shipping name

: Not available.

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Section 15. Regulatory information

U.S. Federal regulations

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All data given below are MAXIMUM THEORETICAL VALUES based on the product AS CURRENTLY FORMULATED and rely on information provided to us by our raw material suppliers. Our suppliers often provide an estimated value or range less than a certain upper limit. We calculate MAXIMUM THEORETICAL VALUES using defined values, if provided, or the upper limit reported by our supplier. Additionally, the suppliers' information may include amounts present in the product as unintentional byproducts or impurities. Variations may occur in individual batches due to adjustments made during production. Reporting of chemicals in this section does not necessarily indicate their presence in the final formulated product.

Ingredient name	% by weight	CAS number
Lead (as Pb)	0.00008	
1,2,4-Trimethylbenzene	1	95-63-6
Cumene	0.3	98-82-8
Ethylbenzene	0.2	100-41-4
Cobalt Compound	0.2	

California Prop. 65

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

International regulations

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

International lists

: Australia inventory (AIIC): Not determined. China inventory (IECSC): Not determined. Japan inventory (CSCL): Not determined. Japan inventory (ISHL): Not determined. Korea inventory (KECI): Not determined.

New Zealand Inventory of Chemicals (NZIoC): Not determined.

Philippines inventory (PICCS): Not determined.

Taiwan Chemical Substances Inventory (TCSI): Not determined.

Thailand inventory: Not determined. Turkey inventory: Not determined. Vietnam inventory: Not determined.

Section 16. Other information

Hazardous Material Information System (U.S.A.)



The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

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Section 16. Other information

Procedure used to derive the classification

Classification	Justification
SKIN SENSITIZATION - Category 1 CARCINOGENICITY - Category 2 TOXIC TO REPRODUCTION - Category 1B SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1	On basis of test data Calculation method Calculation method Calculation method Calculation method Calculation method Calculation method

History

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Key to abbreviations : ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973

as modified by the Protocol of 1978. ("Marpol" = marine pollution)

N/A = Not available SGG = Segregation Group UN = United Nations

✓ Indicates information that has changed from previously issued version.

Notice to reader

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