# **SAFETY DATA SHEET**

5410

# Section 1. Identification

Product name	: GLOSS PAINT FOR CHASSIS FRAME BLACK
Product code	: 5410
Other means of identification	: Not available.
Product type	: Liquid.
Relevant identified uses of t	ne substance or mixture and uses advised against
Paint or paint related material.	
Manufacturer	: Distributed in the US by: ABI (Autobody Brands International) A Division of IAMG/International Autobody Marketing Group 1505 N. Hayden Road, Suite 111 Scottsdale, AZ 85257 www.5starxtreme.com
Emergency telephone number of the company	: (800) 424-9300
Product Information Telephone Number	: 1-87-REFINISH (480) 451-4451
Regulatory Information Telephone Number	: (216) 566-2902
Transportation Emergency Telephone Number	: (800) 424-9300

## 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	<ul> <li>FLAMMABLE LIQUIDS - Category 2 SKIN CORROSION/IRRITATION - Category 2 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A SKIN SENSITIZATION - Category 1 CARCINOGENICITY - Category 2 TOXIC TO REPRODUCTION - Category 2 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2 ASPIRATION HAZARD - Category 1</li> <li>Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 7.6% (oral), 14.7% (dermal), 16.5% (inhalation)</li> </ul>

#### **GHS label elements**

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# Section 2. Hazards identification

Hazard pictograms	
Signal word	: Danger
Hazard statements	<ul> <li>Highly flammable liquid and vapor. May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness. Suspected of causing cancer. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.</li> </ul>
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 and eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating or lighting equipment. Use non-sparking tools. Take action to prevent static discharges. Use only outdoors or in a well-ventilated area. Do not breathe vapor. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.
Response	: IF exposed or concerned: Get medical advice or attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell. 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. Wash contaminated clothing before reuse. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.
Storage	: Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.
Disposal	<ul> <li>Dispose of contents and container in accordance with all local, regional, national and international regulations.</li> </ul>
Supplemental label elements	<ul> <li>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 PROFESSIONAL USE ONLY.</li> <li>Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.</li> </ul>
Hazards not otherwise classified	: None known.

# Section 3. Composition/information on ingredients

Substance/mixture	: Mixture
Other means of identification	: Not available.

**CAS number/other identifiers** 

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### Section 3. Composition/information on ingredients

Ingredient name	% by weight	CAS number
Xylene, mixed isomers	≥10 - ≤27	1330-20-7
Lt. Aliphatic Hydrocarbon Solvent	≤10	64742-89-8
Methyl n-Propyl Ketone	≤10	107-87-9
Toluene	≤10	108-88-3
Ethylbenzene	≤5	100-41-4
n-Butyl Acetate	≤5	123-86-4
Carbon Black	≤3	1333-86-4
Ethyl Acetate	≤3	141-78-6
Methyl Isobutyl Ketone	<1	108-10-1
Zirconium 2-Ethylhexanoate	≤0.3	22464-99-9
Naphtha (Petroleum), Hydrotreated Heavy	≤0.3	64742-48-9
Bis(pentamethyl-4-piperidyl)sebacate	≤0.3	41556-26-7

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

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

<b>Description of necessary</b>	<u>y first aid measures</u>
Eye contact	<ul> <li>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.</li> </ul>
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. 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 necessary, call a poison center or physician. 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

most important sympto	<u>Anis/enects, acute and delayed</u>
Potential acute health	<u>effects</u>
Eye contact	: Causes serious eye irritation.
Inhalation	<ul> <li>Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. May cause respiratory irritation.</li> </ul>
Skin contact	: Causes skin irritation. May cause an allergic skin reaction.

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# Section 4. First aid measures

Ingestion	: Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.
Over-exposure signs/sym	<u>ptoms</u>
Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: Adverse symptoms may include the following: respiratory tract irritation coughing nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness 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
ndication of immediate me	dical attention and special treatment needed, if necessary
Notes to physician	<ul> <li>Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</li> </ul>
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, CO <sub>2</sub> , water spray	(fog) or foam.		
Unsuitable extinguishing media	: Do not use water jet.			
Specific hazards arising from the chemical	: Highly flammable liquid and vapor. I In a fire or if heated, a pressure incre risk of a subsequent explosion. The the ground. Vapors may accumulate distance to a source of ignition and f	ease will occur and the vapor/gas is heavier or in low or confined a	ne container may burst, r than air and will sprea	with the d along
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### Section 5. Fire-fighting measures

Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide
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.
Remark	: Flammable liquid.

### Section 6. Accidental release measures

Personal precautions, protect	tiv	e equipment and emergency procedures
For non-emergency personnel	:	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.
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 non-emergency 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. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry 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. 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 (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## 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 a compatible material, kept tightly closed when not in use. Store and use away

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# Section 7. Handling and storage

		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.

# Section 8. Exposure controls/personal protection

#### **Control parameters**

Occupational exposure limits (OSHA United States)

•	CAS #	Exposure limits
Kylene, mixed isomers	1330-20-7	ACGIH TLV (United States, 1/2022). [xylend TWA: 20 ppm 8 hours. TWA: 434 mg/m <sup>3</sup> 8 hours. STEL: 651 mg/m <sup>3</sup> 15 minutes. OSHA PEL (United States, 5/2018). [Xylenes] TWA: 100 ppm 8 hours. TWA: 435 mg/m <sup>3</sup> 8 hours.
.t. Aliphatic Hydrocarbon Solvent Methyl n-Propyl Ketone	64742-89-8 107-87-9	None. NIOSH REL (United States, 10/2020). TWA: 150 ppm 10 hours. TWA: 530 mg/m <sup>3</sup> 10 hours. OSHA PEL (United States, 5/2018). TWA: 200 ppm 8 hours. TWA: 700 mg/m <sup>3</sup> 8 hours. ACGIH TLV (United States, 1/2022). STEL: 150 ppm 15 minutes.
Foluene	108-88-3	OSHA PEL Z2 (United States, 2/2013). TWA: 200 ppm 8 hours. CEIL: 300 ppm AMP: 500 ppm 10 minutes. NIOSH REL (United States, 10/2020). TWA: 100 ppm 10 hours. TWA: 375 mg/m <sup>3</sup> 10 hours. STEL: 150 ppm 15 minutes. STEL: 560 mg/m <sup>3</sup> 15 minutes. ACGIH TLV (United States, 1/2022). Ototoxicant. TWA: 20 ppm 8 hours.
Ethylbenzene	100-41-4	ACGIH TLV (United States, 1/2022). Ototoxicant.

Section 8. Exposure controls/	personal prot	ection
		NIOSH REL (United States, 10/2020). TWA: 100 ppm 10 hours. TWA: 435 mg/m <sup>3</sup> 10 hours. STEL: 125 ppm 15 minutes. STEL: 545 mg/m <sup>3</sup> 15 minutes. OSHA PEL (United States, 5/2018). TWA: 100 ppm 8 hours. TWA: 435 mg/m <sup>3</sup> 8 hours.
n-Butyl Acetate	123-86-4	NIOSH REL (United States, 10/2020). TWA: 150 ppm 10 hours. TWA: 710 mg/m <sup>3</sup> 10 hours. STEL: 200 ppm 15 minutes. STEL: 950 mg/m <sup>3</sup> 15 minutes. OSHA PEL (United States, 5/2018). TWA: 150 ppm 8 hours. TWA: 710 mg/m <sup>3</sup> 8 hours. ACGIH TLV (United States, 1/2022). [Butyl acetates] STEL: 150 ppm 15 minutes. TWA: 50 ppm 8 hours.
Carbon Black	1333-86-4	ACGIH TLV (United States, 1/2022). TWA: 3 mg/m <sup>3</sup> 8 hours. Form: Inhalable fraction NIOSH REL (United States, 10/2020). TWA: 3.5 mg/m <sup>3</sup> 10 hours. TWA: 0.1 mg of PAHs/cm <sup>3</sup> 10 hours. OSHA PEL (United States, 5/2018). TWA: 3.5 mg/m <sup>3</sup> 8 hours.
Ethyl Acetate	141-78-6	ACGIH TLV (United States, 1/2022). TWA: 400 ppm 8 hours. TWA: 1440 mg/m <sup>3</sup> 8 hours. NIOSH REL (United States, 10/2020). TWA: 400 ppm 10 hours. TWA: 1400 mg/m <sup>3</sup> 10 hours. OSHA PEL (United States, 5/2018). TWA: 400 ppm 8 hours. TWA: 1400 mg/m <sup>3</sup> 8 hours.
Methyl Isobutyl Ketone	108-10-1	ACGIH TLV (United States, 1/2022). TWA: 20 ppm 8 hours. STEL: 75 ppm 15 minutes. NIOSH REL (United States, 10/2020). TWA: 50 ppm 10 hours. TWA: 205 mg/m <sup>3</sup> 10 hours. STEL: 75 ppm 15 minutes. STEL: 300 mg/m <sup>3</sup> 15 minutes. OSHA PEL (United States, 5/2018). TWA: 100 ppm 8 hours. TWA: 410 mg/m <sup>3</sup> 8 hours.
Zirconium 2-Ethylhexanoate	22464-99-9	ACGIH TLV (United States, 1/2022). [Zirconium and compounds] TWA: 5 mg/m <sup>3</sup> , (as Zr) 8 hours. STEL: 10 mg/m <sup>3</sup> , (as Zr) 15 minutes. NIOSH REL (United States, 10/2020). [zirconium compounds] TWA: 5 mg/m <sup>3</sup> , (as Zr) 10 hours. STEL: 10 mg/m <sup>3</sup> , (as Zr) 15 minutes. OSHA PEL (United States, 5/2018).
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		<b>[Zirconium compounds]</b> TWA: 5 mg/m³, (as Zr) 8 hours.
Naphtha (Petroleum), Hydrotreated Heavy	64742-48-9	None.
Bis(pentamethyl-4-piperidyl)sebacate	41556-26-7	None.

#### Occupational exposure limits (Canada)

Ingredient name	CAS #	Exposure limits
Kylene	1330-20-7	<ul> <li>CA Alberta Provincial (Canada, 6/2018).</li> <li>[Dimethylbenzene]</li> <li>8 hrs OEL: 100 ppm 8 hours.</li> <li>15 min OEL: 651 mg/m<sup>3</sup> 15 minutes.</li> <li>15 min OEL: 150 ppm 15 minutes.</li> <li>8 hrs OEL: 434 mg/m<sup>3</sup> 8 hours.</li> <li>CA British Columbia Provincial (Canada, 3/2022). [Xylene (o, m &amp; p isomers)]</li> <li>TWA: 100 ppm 8 hours.</li> <li>STEL: 150 ppm 15 minutes.</li> <li>CA Quebec Provincial (Canada, 6/2021).</li> <li>[Xylene]</li> <li>TWAEV: 100 ppm 8 hours.</li> <li>STEV: 150 ppm 15 minutes.</li> <li>STEV: 150 ppm 15 minutes.</li> <li>STEV: 651 mg/m<sup>3</sup> 15 minutes.</li> <li>CA Ontario Provincial (Canada, 6/2019).</li> <li>[Xylene (o-, m-, p-isomers)]</li> <li>STEL: 150 ppm 15 minutes.</li> <li>TWA: 100 ppm 8 hours.</li> </ul>
Methyl propyl ketone	107-87-9	<ul> <li>CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 200 ppm 8 hours. 15 min OEL: 250 ppm 15 minutes. 8 hrs OEL: 705 mg/m<sup>3</sup> 8 hours. 15 min OEL: 881 mg/m<sup>3</sup> 15 minutes.</li> <li>CA British Columbia Provincial (Canada, 3/2022). TWA: 150 ppm 8 hours. STEL: 250 ppm 15 minutes.</li> <li>CA Ontario Provincial (Canada, 6/2019). STEL: 150 ppm 15 minutes.</li> <li>CA Quebec Provincial (Canada, 6/2021). TWAEV: 150 ppm 8 hours. TWAEV: 530 mg/m<sup>3</sup> 8 hours.</li> <li>CA Saskatchewan Provincial (Canada, 7/2013). STEL: 250 ppm 15 minutes.</li> </ul>
Toluene	108-88-3	TWA: 200 ppm 8 hours. <b>CA Alberta Provincial (Canada, 6/2018).</b> <b>Absorbed through skin.</b> 8 hrs OEL: 50 ppm 8 hours. 8 hrs OEL: 188 mg/m <sup>3</sup> 8 hours. <b>CA British Columbia Provincial (Canada, 3/2022).</b> TWA: 20 ppm 8 hours.
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Ethybenzene       100-41-4       CA Alberta Provincial (Canada, 6/2018). B hrs OEL: 434 mg/m <sup>2</sup> 8 hours. 15 min OEL: 434 mg/m <sup>2</sup> 18 hours. 15 min OEL: 434 mg/m <sup>2</sup> 18 hours. 15 min OEL: 434 mg/m <sup>2</sup> 18 hours. CA British Columbia Provincial (Canada, 6/2019). TWA: 20 ppm 8 hours. CA Ontaio Provincial (Canada, 6/2021). TWA: 20 ppm 8 hours. CA Quebee Provincial (Canada, 6/2018). TWA: 20 ppm 8 hours.         n-butyl acetate       123-86-4       CA Abetra Provincial (Canada, 6/2018). Ti smin OEL: 200 ppm 18 initules. 15 min OEL: 200 ppm 18 initules. TWA: 100 ppm 8 hours.         n-butyl acetate       123-86-4       CA Abbetra Provincial (Canada, 6/2018). Ti smin OEL: 200 ppm 18 initules. 15 min OEL: 200 ppm 18 initules. 15 min OEL: 200 ppm 18 initules. 15 min OEL: 200 ppm 18 hours. CA Saskatchewan Provincial (Canada, 6/2018). 15 min OEL: 200 ppm 18 initules. 15 min OEL: 50 ppm 8 hours. CA Saskatchewan Provincial (Canada, 6/2019). [Utyl acetate, all isomers]         Carbon black       1333-86-4       CA British Columbia Provincial (Canada, 6/2021). [Utyl acetate]         Carbon black       1333-86-4       CA British Columbia Provincial (Canada, 6/2021). [Utyl acetate]         Carbon black       1333-86-4       CA British Columbia Provincial (Canada, 6/2021). [Utyl acetate]         Carbon black       1333-86-4       CA British Columbia Provincial (Canada, 6/2021). [Utyl acetate]         Carbon black       1333-86-4       CA British Columbia Provincial (Canada, 6/2021). [Utyl acetate]         Carbon black       1333-86-4       CA British Columbia Provincial (Canada, 6/2021). [Utyl acetate]         Carbo			TWA: 20 ppm 8 hours. <b>CA Quebec Provincial (Canada, 6/2021).</b> <b>Absorbed through skin.</b> TWAEV: 50 ppm 8 hours. TWAEV: 188 mg/m <sup>3</sup> 8 hours. <b>CA Saskatchewan Provincial (Canada,</b> <b>7/2013). Absorbed through skin.</b> STEL: 60 ppm 15 minutes.
n-butyl acetate123-86-4CA Alberta Provincial (Canada, 6/2018). 15 min OEL: 200 ppm 15 minutes. 15 min OEL: 150 ppm 8 hours. 8 hrs OEL: 150 ppm 8 hours. CA Saskatchewan Provincial (Canada, 7/2013). STEL: 200 ppm 15 minutes. TWA: 150 ppm 8 hours. CA Ontario Provincial (Canada, 6/2019). [butyl acetates, all isomers] STEL: 150 ppm 15 minutes. TWA: 50 ppm 8 hours. CA British Columbia Provincial (Canada, 6/2019). [butyl acetates, all isomers] STEL: 150 ppm 15 minutes. TWA: 50 ppm 8 hours. CA British Columbia Provincial (Canada, 6/2019). [butyl acetates, all isomers] STEL: 150 ppm 15 minutes. TWA: 50 ppm 8 hours. CA British Columbia Provincial (Canada, 6/2021). [butyl acetates] STEL: 150 ppm 15 minutes. TWA: 50 ppm 8 hours. CA British Columbia Provincial (Canada, 6/2021). [butyl acetates] STEV: 150 ppm 15 minutes. TWA: 50 ppm 8 hours.Carbon black1333-86-4Carbon black CA Ontario Provincial (Canada, 6/2019). TWA: 3 mg/m³ 8 hours. Form: Inhalable CA Ontario I (Canada, 6/2019). TWA: 3 mg/m³ 8 hours. Form: Inhalable cA Outser Provincial (Canada, 6/2011). TWA: 3 mg/m³ 8 hours. Form: Inhalable dust CA Alberta Provincial (Canada, 6/2012). TWA: 3 mg/m³ 8 hours. Form: Inhalable dust	Ethylbenzene	100-41-4	<ul> <li>CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 100 ppm 8 hours.</li> <li>8 hrs OEL: 434 mg/m<sup>3</sup> 8 hours.</li> <li>15 min OEL: 543 mg/m<sup>3</sup> 15 minutes.</li> <li>15 min OEL: 125 ppm 15 minutes.</li> <li>CA British Columbia Provincial (Canada, 3/2022).</li> <li>TWA: 20 ppm 8 hours.</li> <li>CA Ontario Provincial (Canada, 6/2019).</li> <li>TWA: 20 ppm 8 hours.</li> <li>CA Quebec Provincial (Canada, 6/2021).</li> <li>TWAEV: 20 ppm 8 hours.</li> <li>CA Saskatchewan Provincial (Canada, 7/2013).</li> <li>STEL: 125 ppm 15 minutes.</li> </ul>
3/2022).         TWA: 3 mg/m³ 8 hours. Form: Inhalable         CA Ontario Provincial (Canada, 6/2019).         TWA: 3 mg/m³ 8 hours. Form: Inhalable         particulate matter.         CA Quebec Provincial (Canada, 6/2021).         TWAEV: 3 mg/m³ 8 hours. Form: inhalable         dust         CA Alberta Provincial (Canada, 6/2018).	n-butyl acetate	123-86-4	<ul> <li>CA Alberta Provincial (Canada, 6/2018).</li> <li>15 min OEL: 200 ppm 15 minutes.</li> <li>15 min OEL: 950 mg/m<sup>3</sup> 15 minutes.</li> <li>8 hrs OEL: 150 ppm 8 hours.</li> <li>8 hrs OEL: 713 mg/m<sup>3</sup> 8 hours.</li> <li>CA Saskatchewan Provincial (Canada, 7/2013).</li> <li>STEL: 200 ppm 15 minutes.</li> <li>TWA: 150 ppm 8 hours.</li> <li>CA Ontario Provincial (Canada, 6/2019).</li> <li>[butyl acetates, all isomers]</li> <li>STEL: 150 ppm 15 minutes.</li> <li>TWA: 50 ppm 8 hours.</li> <li>CA British Columbia Provincial (Canada, 3/2022).</li> <li>[butyl acetate, all isomers]</li> <li>STEL: 150 ppm 15 minutes.</li> <li>TWA: 50 ppm 8 hours.</li> <li>CA Quebec Provincial (Canada, 6/2021).</li> <li>[butyl acetates]</li> <li>STEV: 150 ppm 15 minutes.</li> </ul>
	Carbon black	1333-86-4	CA British Columbia Provincial (Canada, 3/2022). TWA: 3 mg/m <sup>3</sup> 8 hours. Form: Inhalable CA Ontario Provincial (Canada, 6/2019). TWA: 3 mg/m <sup>3</sup> 8 hours. Form: Inhalable particulate matter. CA Quebec Provincial (Canada, 6/2021). TWAEV: 3 mg/m <sup>3</sup> 8 hours. Form: inhalable dust
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		8 hrs OEL: 3.5 mg/m <sup>3</sup> 8 hours. <b>CA Saskatchewan Provincial (Canada,</b> <b>7/2013).</b> STEL: 7 mg/m <sup>3</sup> 15 minutes. TWA: 3.5 mg/m <sup>3</sup> 8 hours.
Methyl isobutyl ketone	108-10-1	CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 205 mg/m <sup>3</sup> 8 hours. 8 hrs OEL: 50 ppm 8 hours. 15 min OEL: 75 ppm 15 minutes. 15 min OEL: 307 mg/m <sup>3</sup> 15 minutes. CA British Columbia Provincial (Canada, 3/2022). TWA: 20 ppm 8 hours. STEL: 75 ppm 15 minutes. CA Ontario Provincial (Canada, 6/2019). TWA: 20 ppm 8 hours. STEL: 75 ppm 15 minutes. CA Quebec Provincial (Canada, 6/2021). TWAEV: 20 ppm 8 hours. STEV: 75 ppm 15 minutes. CA Saskatchewan Provincial (Canada, 7/2013). STEL: 75 ppm 15 minutes. TWA: 50 ppm 8 hours.
Zirconium 2-Ethylhexanoate	22464-99-9	CA Alberta Provincial (Canada, 6/2018). [Zirconium and compounds] 8 hrs OEL: 5 mg/m <sup>3</sup> , (as Zr) 8 hours. 15 min OEL: 10 mg/m <sup>3</sup> , (as Zr) 15 minutes. CA British Columbia Provincial (Canada, 3/2022). [Zirconium and compounds] TWA: 5 mg/m <sup>3</sup> , (as Zr) 8 hours. STEL: 10 mg/m <sup>3</sup> , (as Zr) 15 minutes. CA Quebec Provincial (Canada, 6/2021). [Zirconium and compounds] TWAEV: 5 mg/m <sup>3</sup> , (as Zr) 8 hours. STEV: 10 mg/m <sup>3</sup> , (as Zr) 8 hours. STEV: 10 mg/m <sup>3</sup> , (as Zr) 15 minutes. CA Ontario Provincial (Canada, 6/2019). [Zirconium and compounds] STEL: 10 mg/m <sup>3</sup> , (as Zr) 15 minutes. TWA: 5 mg/m <sup>3</sup> , (as Zr) 8 hours.

#### Occupational exposure limits (Mexico)

			CAS #	Exposure limit	ts	
Xylene, mixed isomers		1330-20-7	NOM-010-STPS-2014 (Mexico, 4/2016). [Xylenes (mixed)] STEL: 150 ppm 15 minutes. TWA: 100 ppm 8 hours.			
Methyl n-P	ropyl Ketone		107-87-9		S-2014 (Mexico, 4/2016).	
Toluene		108-88-3		S-2014 (Mexico, 4/2016).		
Ethylbenze	ene		100-41-4		S-2014 (Mexico, 4/2016).	
n-Butyl Ace	etate		123-86-4		<b>S-2014 (Mexico, 4/2016).</b> n 8 hours.	
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Ethyl Acetate			141-78-6	NOM-010-STPS-2014 (Mexico, 4/2016).
Methyl Isobutyl Ketone			108-10-1	TWA: 400 ppm 8 hours. <b>NOM-010-STPS-2014 (Mexico, 4/2016).</b> TWA: 50 ppm 8 hours. STEL: 75 ppm 15 minutes.
Zirconium 2-Ethylhexanoate			22464-99-9	NOM-010-STPS-2014 (Mexico, 4/2016). [Zirconium compounds] TWA: 5 mg/m <sup>3</sup> , (as Zr) 8 hours. STEL: 10 mg/m <sup>3</sup> , (as Zr) 15 minutes.
Appropriate engineering controls	:	other engineering con recommended or statu	trols to keep wo utory limits. The rations below ar	se process enclosures, local exhaust ventilation or orker exposure to airborne contaminants below an e engineering controls also need to keep gas, ny lower explosive limits. Use explosion-proof
Environmental exposure controls	:	they comply with the re	equirements of s, filters or engin	ocess equipment should be checked to ensure environmental protection legislation. In some neering modifications to the process equipment s to acceptable levels.
ndividual protection measu	ures			
Hygiene measures	:	eating, smoking and u Appropriate technique Contaminated work cle	sing the lavator s should be use othing should no before reusing.	bughly after handling chemical products, before y and at the end of the working period. ed to remove potentially contaminated clothing. of be allowed out of the workplace. Wash . Ensure that eyewash stations and safety location.
Eye/face protection	:	assessment indicates gases or dusts. If con	this is necessar tact is possible,	proved standard should be used when a risk ry to avoid exposure to liquid splashes, mists, the following protection should be worn, unless gree of protection: chemical splash goggles.
Skin protection				
Hand protection	:	worn at all times when necessary. Considerin during use that the glo noted that the time to glove manufacturers.	handling chem ng the paramete oves are still reta breakthrough fo In the case of n	s complying with an approved standard should be ical products if a risk assessment indicates this is ers specified by the glove manufacturer, check aining their protective properties. It should be or any glove material may be different for different nixtures, consisting of several substances, the re accurately estimated.
Body protection	:	performed and the risk handling this product.	ks involved and When there is ng. For the grea	body should be selected based on the task being should be approved by a specialist before a risk of ignition from static electricity, wear anti- atest protection from static discharges, clothing ots and gloves.
Other skin protection	:		ng performed ar	nal skin protection measures should be selected nd the risks involved and should be approved by a t.
Respiratory protection	:	appropriate standard of	or certification.	exposure, select a respirator that meets the Respirators must be used according to a ure proper fitting, training, and other important

## Section 9. Physical and chemical properties

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

<u>Appearance</u>	
Physical state	: Liquid.
Color	: Not available.
Odor	: Not available.
Odor threshold	: Not available.
рН	: Not applicable.
Melting point/freezing point	: Not available.
Boiling point, initial boiling point, and boiling range	: 70°C (158°F)
Flash point	: Closed cup: -4°C (24.8°F) [Pensky-Martens Closed Cup]
Evaporation rate	: 3.91 (butyl acetate = 1)
Flammability	: Flammable liquid.
Lower and upper explosion limit/flammability limit	: Lower: 0.9% Upper: 10.7%
Vapor pressure	: 11.5 kPa (86 mm Hg)
Relative vapor density	: 3.04 [Air = 1]
Relative density	: 0.95
Solubility(ies)	:

	Media		Result			
	cold water		Not soluble			
	artition coefficient: n- ctanol/water	:	Not applicable.	-		
Auto-ignition temperature :		:	Not available.			
D	ecomposition temperature	:	Not available.			
Vi	scosity	:	Kinematic (40°C (104°F)): <20.5 mm²/s (<20.5 cSt)			
Molecular weight : No		:	lot applicable.			
<u>A</u>	erosol product					
ł	leat of combustion	:	18.419 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	: 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

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### Section 10. Stability and reactivity

# Hazardous decomposition products

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

### Section 11. Toxicological information

#### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Xylene, mixed isomers	LC50 Inhalation Gas.	Rat	6700 ppm	4 hours
	LD50 Oral	Rat	4300 mg/kg	-
Methyl n-Propyl Ketone	LD50 Dermal	Rabbit	6500 mg/kg	-
	LD50 Oral	Rat	1600 mg/kg	-
Toluene	LC50 Inhalation Vapor	Rat	49 g/m³	4 hours
	LD50 Oral	Rat	636 mg/kg	-
Ethylbenzene	LD50 Dermal	Rabbit	>5000 mg/kg	-
-	LD50 Oral	Rat	3500 mg/kg	-
n-Butyl Acetate	LD50 Dermal	Rabbit	>17600 mg/kg	-
-	LD50 Oral	Rat	10768 mg/kg	-
Carbon Black	LD50 Oral	Rat	>15400 mg/kg	-
Ethyl Acetate	LD50 Oral	Rat	5620 mg/kg	-
Methyl Isobutyl Ketone	LD50 Oral	Rat	2080 mg/kg	-
Zirconium 2-Ethylhexanoate	LD50 Dermal	Rabbit	>5 g/kg	-
	LD50 Oral	Rat	>5 g/kg	-
Naphtha (Petroleum),	LC50 Inhalation Vapor	Rat	8500 mg/m <sup>3</sup>	4 hours
Hydrotreated Heavy				
	LD50 Oral	Rat	>6 g/kg	-

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Xylene, mixed isomers	Eyes - Mild irritant	Rabbit	-	87 mg	-
	Eyes - Severe irritant	Rabbit	-	24 hours 5	-
	5			mg	
	Skin - Mild irritant	Rat	-	8 hours 60 uL	-
	Skin - Moderate irritant	Rabbit	-	100 %	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500	-
				mg	
Methyl n-Propyl Ketone	Skin - Mild irritant	Rabbit	-	405 mg	-
Toluene	Eyes - Mild irritant	Rabbit	-	0.5 minutes	-
				100 mg	
	Eyes - Mild irritant	Rabbit	-	870 ug	-
	Eyes - Severe irritant	Rabbit	-	24 hours 2	-
				mg	
	Skin - Mild irritant	Pig	-	24 hours 250	-
		_		uL	
	Skin - Mild irritant	Rabbit	-	435 mg	-
	Skin - Moderate irritant	Rabbit	-	24 hours 20	-
				mg	
	Skin - Moderate irritant	Rabbit	-	500 mg	-
Ethylbenzene	Eyes - Severe irritant	Rabbit	-	500 mg	-
-	Skin - Mild irritant	Rabbit	-	24 hours 15	-
				mg	
n-Butyl Acetate	Eyes - Moderate irritant	Rabbit	-	100 mg	-
-	Skin - Moderate irritant	Rabbit	-	24 hours 500	-
				mg	
Methyl Isobutyl Ketone	Eyes - Moderate irritant	Rabbit	-	24 hours 100	-
-				uL	
	Eyes - Severe irritant	Rabbit	-	40 mg	-

## Section 11. Toxicological information

Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-
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#### Sensitization

Not available.

#### **Mutagenicity**

Not available.

#### **Carcinogenicity**

Not available.

#### **Classification**

Product/ingredient name	OSHA	IARC	NTP
Xylene, mixed isomers	-	3	-
Toluene	-	3	-
Ethylbenzene	-	2B	-
Carbon Black	-	2B	-
Methyl Isobutyl Ketone	-	2B	-

#### **Reproductive toxicity**

Not available.

#### Teratogenicity

Not available.

#### Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
Xylene, mixed isomers	Category 3	-	Respiratory tract irritation
Lt. Aliphatic Hydrocarbon Solvent	Category 3	-	Respiratory tract irritation
	Category 3		Narcotic effects
Methyl n-Propyl Ketone	Category 3	-	Respiratory tract irritation
	Category 3		Narcotic effects
Toluene	Category 3	-	Respiratory tract irritation
	Category 3		Narcotic effects
Ethylbenzene	Category 3	-	Respiratory tract irritation
	Category 3		Narcotic effects
n-Butyl Acetate	Category 3	-	Narcotic effects
Ethyl Acetate	Category 3	-	Narcotic effects
Methyl Isobutyl Ketone	Category 3	-	Respiratory tract irritation
	Category 3		Narcotic effects
Naphtha (Petroleum), Hydrotreated Heavy	Category 3	-	Narcotic effects

Specific target organ toxicity (repeated exposure)

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# Section 11. Toxicological information

Name	Category	Route of exposure	Target organs
Xylene, mixed isomers	Category 2	-	-
Lt. Aliphatic Hydrocarbon Solvent	Category 2	-	-
Methyl n-Propyl Ketone	Category 2	-	-
Toluene	Category 2	-	-
Ethylbenzene	Category 2	-	-
Methyl Isobutyl Ketone	Category 2	-	-

#### **Aspiration hazard**

Name	Result
Xylene, mixed isomers	ASPIRATION HAZARD - Category 1
Lt. Aliphatic Hydrocarbon Solvent	ASPIRATION HAZARD - Category 1
Toluene	ASPIRATION HAZARD - Category 1
Ethylbenzene	ASPIRATION HAZARD - Category 1
Naphtha (Petroleum), Hydrotreated Heavy	ASPIRATION HAZARD - Category 1

Information on the likely	: Not available.
routes of exposure	
Potential acute health offe	rts

Potential acute near	in enects
Eye contact	: Causes serious eye irritation.
Inhalation	<ul> <li>Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. May cause respiratory irritation.</li> </ul>
Skin contact	: Causes skin irritation. May cause an allergic skin reaction.
Ingestion	: Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.

#### Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness	
Inhalation	: Adverse symptoms may include the following: respiratory tract irritation coughing nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness 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	
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## Section 11. Toxicological information

Delayed and immediate ef	fects and also chronic effects from short and long term exposure
Short term exposure	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Long term exposure	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Potential chronic health e	ifects
Not available.	
General	<ul> <li>May cause damage to organs through prolonged or repeated exposure. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.</li> </ul>
Carcinogenicity	: Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.
Mutagenicity	: No known significant effects or critical hazards.
Teratogenicity	: Suspected of damaging the unborn child.
<b>Developmental effects</b>	: No known significant effects or critical hazards.
Fertility effects	: Suspected of damaging fertility.

#### Numerical measures of toxicity

#### Acute toxicity estimates

Route	ATE value
Oral	4712.94 mg/kg
Dermal	3568.61 mg/kg
Inhalation (gases)	21277.4 ppm
Inhalation (vapors)	191.85 mg/l

## Section 12. Ecological information

**Toxicity** 

Product/ingredient name	Result	Species	Exposure	
/lene, mixed isomers Acute LC50 8500 μg/l Marine water		Crustaceans - Palaemonetes pugio	48 hours	
	Acute LC50 13400 µg/l Fresh water	Fish - Pimephales promelas	96 hours	
Lt. Aliphatic Hydrocarbon Solvent	Acute LC50 >100000 ppm Fresh water	Fish - Oncorhynchus mykiss	96 hours	
Methyl n-Propyl Ketone	Acute LC50 1240000 µg/l Fresh water	Fish - Pimephales promelas	96 hours	
Toluene	Acute EC50 >433 ppm Marine water	Algae - Skeletonema costatum	96 hours	
	Acute EC50 11600 µg/l Fresh water	Crustaceans - Gammarus pseudolimnaeus - Adult	48 hours	
	Acute EC50 6000 μg/l Fresh water	Daphnia - Daphnia magna - Juvenile (Fledgling, Hatchling, Weanling)	48 hours	
	Acute LC50 5500 µg/l Fresh water	Fish - Oncorhynchus kisutch - Fry	96 hours	
	Chronic NOEC 1 mg/l Fresh water	Daphnia - Daphnia magna	21 days	
Ethylbenzene	Acute EC50 4900 µg/l Marine water	Algae - Skeletonema costatum	72 hours	
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### Section 12. Ecological information

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	Acute EC50 7700 µg/l Marine water	Algae - Skeletonema costatum	96 hours
	Acute EC50 6.53 mg/l Marine water	Crustaceans - Artemia sp Nauplii	48 hours
	Acute EC50 2.93 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 4200 µg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
n-Butyl Acetate	Acute LC50 32 mg/I Marine water	Crustaceans - Artemia salina	48 hours
	Acute LC50 18000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
Ethyl Acetate	Acute EC50 2500000 µg/l Fresh water	Algae - Selenastrum sp.	96 hours
	Acute LC50 750000 µg/l Fresh water	Crustaceans - Gammarus pulex	48 hours
	Acute LC50 154000 µg/l Fresh water	Daphnia - Daphnia cucullata	48 hours
	Acute LC50 212500 µg/l Fresh water	Fish - Heteropneustes fossilis	96 hours
	Chronic NOEC 2.4 mg/l Fresh water	Daphnia - Daphnia magna	21 days
	Chronic NOEC 75.6 mg/l Fresh water	Fish - Pimephales promelas - Embryo	32 days
Methyl Isobutyl Ketone	Acute LC50 505000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
_	Chronic NOEC 78 mg/l Fresh water	Daphnia - Daphnia magna	21 days
	Chronic NOEC 168 mg/l Fresh water	Fish - Pimephales promelas - Embryo	33 days

#### Persistence and degradability

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Xylene, mixed isomers	-	-	Readily
Toluene	-	-	Readily
Ethylbenzene	-	-	Readily
n-Butyl Acetate	-	-	Readily
Ethyl Acetate	-	-	Readily
Methyl Isobutyl Ketone	-	-	Readily

#### **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
Xylene, mixed isomers Lt. Aliphatic Hydrocarbon	-	8.1 to 25.9 10 to 2500	low high
Solvent	-	10 10 2000	i igii
Toluene	-	90	low
Ethyl Acetate	-	30	low
Zirconium 2-Ethylhexanoate	-	2.96	low
Naphtha (Petroleum), Hydrotreated Heavy	-	10 to 2500	high

#### Mobility in soil

Soil/water partition coefficient (Koc)

: 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	ΙΑΤΑ	IMDG
UN number	UN1263	UN1263	UN1263	UN1263	UN1263
UN proper shipping name	PAINT	PAINT	PAINT	PAINT	PAINT
Transport hazard class(es)	3	3	3	3	3
Packing group	II	11		11	11
Environmental hazards	No.	No.	No.	No.	No.
Additional information	_	Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.18-2.19 (Class 3).	-		<u>Emergency</u> <u>schedules</u> F-E, S E
	ERG No.	ERG No.	ERG No.		
	128	128	128		

### Section 14. Transport information

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 :	Not available.

to IMO instruments

**Proper shipping name** 

: Not available.

### Section 15. Regulatory information

#### **SARA 313**

SARA 313 (40 CFR 372.45) supplier notification can be found on the Environmental Data Sheet.

#### 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

International lists	<ul> <li>Australia inventory (AIIC): Not determined.</li> <li>China inventory (IECSC): Not determined.</li> <li>Japan inventory (CSCL): Not determined.</li> <li>Japan inventory (ISHL): Not determined.</li> <li>Korea inventory (KECI): Not determined.</li> <li>New Zealand Inventory of Chemicals (NZIoC): Not determined.</li> <li>Philippines inventory (PICCS): Not determined.</li> <li>Taiwan Chemical Substances Inventory (TCSI): Not determined.</li> <li>Thailand inventory: Not determined.</li> <li>Turkey inventory: Not determined.</li> <li>Vietnam inventory: Not determined.</li> </ul>
	rietani inventery. 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.

Procedure used to derive the classification

### Section 16. Other information

Classification	Justification
FLAMMABLE LIQUIDS - Category 2	On basis of test data
SKIN CORROSION/IRRITATION - Category 2	Calculation method
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A	Calculation method
SKIN SENSITIZATION - Category 1	Calculation method
CARCINOGENICITY - Category 2	Calculation method
TOXIC TO REPRODUCTION - Category 2	Calculation method
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract	Calculation method
irritation) - Category 3	
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) -	Calculation method
Category 3	
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2	Calculation method
ASPIRATION HAZARD - Category 1	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 = International Air Transport Association IBC = 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

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.

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