# **SAFETY DATA SHEET**

CM0723404

Section 1. Identification				
Product name	: TT-P-1757B, Type I, Class C, Chromated Alkyd Primer			
Product code	: CM0723404			
Other means of identification	: Not available.			
Product type	: Liquid.			
Relevant identified uses of t	he substance or mixture and uses advised against			
Not applicable.				
Manufacturer	: THE SHERWIN-WILLIAMS COMPANY 101 W. Prospect Avenue Cleveland, OH 44115			
Emergency telephone number of the company	: US / Canada: (216) 566-2917 Mexico: SETIQ 01-800-00-214-00 / (52) 55-5559-1588 24 hours / 365 days a year			
Product Information Telephone Number	: US / Canada: Not Available Mexico: Not Available			
Regulatory Information Telephone Number	: US / Canada: (216) 566-2902 Mexico: Not Available			
Transportation Emergency Telephone Number	: US / Canada: (800) 424-9300 Mexico: SETIQ 01-800-00-214-00 / (52) 55-5559-1588 24 hours / 365 days a year			

# Section 2. Hazards identification

OSHA/HCS status	: This material is considered hazardous by the OSHA Hazard (29 CFR 1910.1200).	Communication Standard
Classification of the substance or mixture	<ul> <li>FLAMMABLE LIQUIDS - Category 2 ACUTE TOXICITY (oral) - Category 4 SKIN CORROSION/IRRITATION - Category 2 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1 SKIN SENSITIZATION - Category 1 CARCINOGENICITY - Category 1A TOXIC TO REPRODUCTION (Unborn child) - Category 2 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSU irritation) - Category 3 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSU Category 3 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSU Category 3 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSU Category 1</li> <li>Percentage of the mixture consisting of ingredient(s) of unkr Percentage of the mixture consisting of ingredient(s) of unkr S%</li> </ul>	RE) (Narcotic effects) - DSURE) - Category 1 nown oral toxicity: 25.4% nown dermal toxicity: 54.7%
GHS label elements		
Hazard pictograms		
Signal word	: Danger	
Date of issue/Date of revisionCM0723404TT-P-1757B, T	: 7/4/2018 Date of previous issue : 5/9/2018 Type I, Class C, Chromated Alkyd Primer	Version : 9.01 1/18 SHW-85-NA-GHS-US

# Section 2. Hazards identification

Hazard statements	<ul> <li>Highly flammable liquid and vapor. Harmful if swallowed.</li> <li>Causes serious eye damage.</li> <li>Causes skin irritation.</li> <li>May cause an allergic skin reaction.</li> <li>May cause cancer.</li> <li>Suspected of damaging the unborn child.</li> <li>May be fatal if swallowed and enters airways.</li> <li>May cause respiratory irritation.</li> <li>May cause drowsiness or dizziness.</li> <li>Causes 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. Wear eye or face protection. Wear protective clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Use only outdoors or in a well-ventilated area. Do not breathe vapor. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.
Response	: Get medical attention if you feel unwell. IF exposed or concerned: Get medical attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or physician. Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician.
Storage	: Store locked up. Store in a well-ventilated place. 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 INDUSTRIAL 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	: DANGER: Rags, steel wool, other waste soaked with this product, and sanding residue may spontaneously catch fire if improperly discarded. Immediately place rags, steel wool, other waste soaked with this product, and sanding residue in a sealed, water-filled, metal container. Dispose of in accordance with local fire regulations.

# Section 3. Composition/information on ingredients

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

#### **CAS number/other identifiers**

# Section 3. Composition/information on ingredients

	<u> </u>	
Ingredient name	% by weight	CAS number
Potassium Zinc Chromate	≥10 - ≤25	11103-86-9
Lt Aliphatic Hydrocarbon Solvent	≥10 - ≤25	64742-89-8
1-Methoxy-2-propanol	≤10	107-98-2
Lt. Aliphatic Hydrocarbon Solvent	≤10	64742-89-8
Amorphous Silica	≤10	7631-86-9
Toluene	≤10	108-88-3
Isobutyl Acetate	≤5	110-19-0
2-Methyl-1-propanol	≤5	78-83-1
Med. Aliphatic Hydrocarbon Solvent	≤5	64742-88-7
Xylene	≤3	1330-20-7
Ethylbenzene	≤0.3	100-41-4

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 as hazardous to health 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
Eye contact	: Get medical attention immediately. Call a poison center or physician. 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. Chemical burns must be treated promptly by a physician.
Inhalation	: Get medical attention immediately. Call a poison center or physician. 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. 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	: Get medical attention immediately. Call a poison center or physician. 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. Chemical burns must be treated promptly by a physician. 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. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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. Chemical burns must be treated promptly by a physician. 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

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Potential acute health	<u>effects</u>
Eye contact	: Causes serious eye damage.
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	<ul> <li>Harmful if swallowed. Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.</li> </ul>

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### Section 4. First aid measures

#### **Over-exposure signs/symptoms** Eye contact : Adverse symptoms may include the following: pain 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: pain or irritation redness blistering may occur reduced fetal weight increase in fetal deaths skeletal malformations Ingestion : Adverse symptoms may include the following: stomach pains 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	<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. 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

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# Section 5. Fire-fighting measures

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.

# Section 6. Accidental release measures

Personal precautions, protec	tive 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. Do not breathe 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 co	ntainment 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	history of sk this product exposure du and underst Do not swal ventilation is adequately from a com from heat, s electrical (ve tools. Take	opriate personal protective in sensitization problems is used. Avoid exposure uring pregnancy. Do not cood. Do not get in eyes low. Use only with adeque in adequate. Do not ent ventilated. Keep in the o patible material, kept tigh parks, open flame or any entilating, lighting and ma precautionary measures lot residue and can be ha	s should not be emp - obtain special inst handle until all safe or on skin or clothir uate ventilation. We er storage areas ar riginal container or tly closed when not o other ignition sour aterial handling) equ	bloyed in any pro- structions before ity precautions h ng. Do not brea- ear appropriate nd confined space an approved alt in use. Store a ce. Use explos upment. Use of ic discharges. I	bcess in we ave use. Av have beer the vapor respirator ces unles ernative r ind use av ion-proof nly non-sp	which oid or read or mist. when s nade way parking
Advice on general occupational hygiene	handled, sto drinking and	king and smoking should ored and processed. Wo d smoking. Remove cont ing areas. See also Sec	rkers should wash aminated clothing a	hands and face and protective e	before ea quipment	iting,
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# Section 7. Handling and storage

Conditions for safe storage,	
including any	Store in original container protected from direct sunlight in a dry, cool and well-ventilated
incompatibilities	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)

Ingredient name	Exposure limits
Potassium Zinc Chromate	ACGIH TLV (United States, 3/2017).
	TWA: 0.01 mg/m <sup>3</sup> , (measured as Cr) 8 hours
	OSHA PEL Z2 (United States, 2/2013).
	CEIL: 1 mg/10m <sup>3</sup>
	NIOSH REL (United States, 10/2016).
	TWA: 0.0002 mg/m <sup>3</sup> , (as CR) 8 hours.
	OSHA PEL (United States, 6/2016).
	TWA: 0.005 mg/m <sup>3</sup> , (as Cr) 8 hours.
Lt Aliphatic Hydrocarbon Solvent	None.
1-Methoxy-2-propanol	ACGIH TLV (United States, 3/2017).
	TWA: 50 ppm 8 hours.
	TWA: 184 mg/m <sup>3</sup> 8 hours.
	STEL: 100 ppm 15 minutes.
	STEL: 369 mg/m <sup>3</sup> 15 minutes.
	NIOSH REL (United States, 10/2016).
	TWA: 100 ppm 10 hours.
	TWA: 360 mg/m <sup>3</sup> 10 hours.
	STEL: 150 ppm 15 minutes.
	STEL: 540 mg/m <sup>3</sup> 15 minutes.
Lt. Aliphatic Hydrocarbon Solvent	None.
Amorphous Silica	NIOSH REL (United States, 10/2016).
	TWA: 6 mg/m <sup>3</sup> 10 hours.
Toluene	OSHA PEL Z2 (United States, 2/2013).
	TWA: 200 ppm 8 hours.
	CEIL: 300 ppm
	AMP: 500 ppm 10 minutes.
	NIOSH REL (United States, 10/2016).
	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, 3/2017).
	TWA: 20 ppm 8 hours.
Isobutyl Acetate	NIOSH REL (United States, 10/2016).
	TWA: 150 ppm 10 hours.
	TWA: 700 mg/m <sup>3</sup> 10 hours.
	OSHA PEL (United States, 6/2016).
	TWA: 150 ppm 8 hours.
	TWA: 700 mg/m <sup>3</sup> 8 hours. ACGIH TLV (United States, 3/2017).
	STEL: 150 ppm 15 minutes.
	TWA: 50 ppm 8 hours.
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2-Methyl-1-propanol	ACGIH TLV (United States, 3/2017).
	TWA: 50 ppm 8 hours. TWA: 152 mg/m <sup>3</sup> 8 hours.
	TWA. 152 Mg/III O HOUIS.

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	NIOSH REL (United States, 10/2016).
	TWA: 50 ppm 10 hours.
	TWA: 150 mg/m <sup>3</sup> 10 hours.
	OSHA PEL (United States, 6/2016).
	TWA: 100 ppm 8 hours.
	TWA: 300 mg/m <sup>3</sup> 8 hours.
Med. Aliphatic Hydrocarbon Solvent	OSHA PEL (United States, 6/2016).
	TWA: 100 ppm 8 hours.
	TWA: 400 mg/m <sup>3</sup> 8 hours.
Xylene	ACGIH TLV (United States, 3/2017).
	TWA: 100 ppm 8 hours.
	TWA: 434 mg/m <sup>3</sup> 8 hours.
	STEL: 150 ppm 15 minutes.
	STEL: 651 mg/m <sup>3</sup> 15 minutes.
	OSHA PEL (United States, 6/2016).
	TWA: 100 ppm 8 hours.
	TWA: 435 mg/m <sup>3</sup> 8 hours.
Ethylbenzene	ACGIH TLV (United States, 3/2017).
	TWA: 20 ppm 8 hours.
	NIOSH REL (United States, 10/2016).
	TWA: 100 ppm 10 hours.
	TWA: $435 \text{ mg/m}^3$ 10 hours.
	STEL: 125 ppm 15 minutes.
	STEL: 545 mg/m <sup>3</sup> 15 minutes.
	OSHA PEL (United States, 6/2016).
	TWA: 100 ppm 8 hours.
	TWA: 435 mg/m <sup>3</sup> 8 hours.

#### Occupational exposure limits (Canada)

Ingredient name	Exposure limits		
Potassium Zinc Chromate 1-Methoxy-2-propanol	CA Quebec Provincial (Canada, 1/2014). Skin sensitizer. TWAEV: 0.01 mg/m³, (as Cr) 8 hours. CA Ontario Provincial (Canada, 7/2015). TWA: 0.01 mg/m³, (as Cr) 8 hours. CA Alberta Provincial (Canada, 4/2009). 8 hrs OEL: 0.01 mg/m³, (as Cr) 8 hours. CA British Columbia Provincial (Canada, 6/2017). TWA: 0.01 mg/m³, (as Cr) 8 hours. CA Saskatchewan Provincial (Canada, 7/2013). STEL: 0.03 mg/m³, (measured as Cr) 15 minutes. TWA: 0.01 mg/m³, (measured as Cr) 8 hours CA Alberta Provincial (Canada, 4/2009). 8 hrs OEL: 100 ppm 8 hours. 15 min OEL: 553 mg/m³ 15 minutes.		
	8 hrs OEL: 369 mg/m <sup>3</sup> 8 hours. 15 min OEL: 150 ppm 15 minutes. <b>CA British Columbia Provincial (Canada,</b> <b>6/2017).</b> STEL: 75 ppm 15 minutes. TWA: 50 ppm 8 hours. <b>CA Ontario Provincial (Canada, 7/2015).</b> TWA: 50 ppm 8 hours. STEL: 100 ppm 15 minutes. <b>CA Quebec Provincial (Canada, 1/2014).</b> TWAEV: 100 ppm 8 hours. TWAEV: 369 mg/m <sup>3</sup> 8 hours.		
ate of issue/Date of revision         : 7/4/2018         Date of previou           M0723404         TT-P-1757B, Type I, Class C, Chromated Alkyd Primer	IS issue : 5/9/2018 Version : 9.01 7. SHW-85-NA-GHS-US		

STEV: 150 ppm 15 minutes.         STEV: 150 ppm 15 minutes.         CA Saskathewan Provincial (Canada, 72013).         STEL: 150 ppm 15 minutes.         Toluene         CA Alberta Provincial (Canada, 42009).         Absordet through skin.         8 his OEL: 50 ppm 8 hours.         CA Alberta Provincial (Canada, 42009).         Absordet through skin.         8 his OEL: 50 ppm 8 hours.         CA British Columbia Provincial (Canada, 42009).         Absorbed through skin.         CA British Columbia Provincial (Canada, 42009).         Absorbed through skin.         TWA: 20 ppm 8 hours.         CA British Columbia Provincial (Canada, 42009).         Absorbed through skin.         TWA: 20 ppm 8 hours.         CA British Columbia Provincial (Canada, 42009).         8 his OEL: 160 ppm 8 hours.         CA British Columbia Provincial (Canada, 42009).         8 his OEL: 150 ppm 8 hours.         CA Alberta Provincial (Canada, 42009).         8 his OEL: 150 ppm 8 hours.         CA Outario Provincial (Canada, 42009).         8 his OEL: 150 ppm 8 hours.         CA Adverta Provincial (Canada, 42009).         8 his OEL: 150 ppm 8 hours.         CA Askathewan Provincial (Canada, 42009).         8 his OEL: 150 ppm 8 hours.     <	•	• •	
2-methylpropan-1-ol         CA Ontario Provincial (Canada, 7/2015). TWA: 20 ppm 8 hours. CA Quebec Provincial (Canada, 1/2014). Absorbed through skin. TWAEV: 30 ppm 8 hours. TWAEV: 188 mg/m <sup>2</sup> 8 hours. STEL: 60 ppm 15 minutes. TWA: 50 ppm 8 hours. STEL: 60 ppm 15 minutes. TWA: 50 ppm 8 hours.           Isobutyl Acetate         CA Alberta Provincial (Canada, 4/2009). 8 hrs OEL: 713 mg/m <sup>2</sup> 8 hours. CA Alberta Provincial (Canada, 4/2009). 8 hrs OEL: 713 mg/m <sup>2</sup> 8 hours. CA Ontario Provincial (Canada, 7/2015). TWA: 150 ppm 8 hours. CA Ontario Provincial (Canada, 7/2015). TWA: 150 ppm 8 hours. CA Quebec Provincial (Canada, 7/2014). TWAEV: 150 ppm 8 hours. CA Autored Provincial (Canada, 7/2015). TWA: 150 ppm 8 hours. CA Alberta Provincial (Canada, 4/2009). 8 hrs OEL: 50 mg/m <sup>2</sup> 8 hours. CA Alberta Provincial (Canada, 4/2009). 8 hrs OEL: 152 mg/m <sup>2</sup> 8 hours. CA Alberta Provincial (Canada, 4/2009). 8 hrs OEL: 152 mg/m <sup>2</sup> 8 hours. CA Alberta Provincial (Canada, 4/2014). TWAEV: 50 ppm 8 hours. CA Alberta Provincial (Canada, 4/2015). TWA: 50 ppm 8 hours. CA Alberta Provincial (Canada, 7/2015). TWA: 50 ppm 8 hours. CA Ontario Provincial (Canada, 7/2015). TWA: 50 ppm 8 hours. CA Ontario Provincial (Canada, 7/2015). TWAEV: 152 mg/m <sup>2</sup> 8 hours. CA Ontario Provincial (Canada, 7/2015). TWAEV: 152 mg/m <sup>2</sup> 8 hours. CA Ontario Provincial (Canada, 7/2015). TWA: 50 ppm 8 hours. CA Ontario Provincial (Canada, 7/2015). TWA: 50 ppm 8 hours. CA Ontario Provincial (Canada, 7/2015). TWAEV: 150 mg/m <sup>2</sup> 8 hours. CA Ontario Provincial (Canada, 7/2015). TWAEV: 150 mg/m <sup>3</sup> hours. CA Ontar	Toluene		STEV: 553 mg/m <sup>3</sup> 15 minutes. <b>CA Saskatchewan Provincial (Canada,</b> <b>7/2013).</b> STEL: 150 ppm 15 minutes. TWA: 100 ppm 8 hours. <b>CA Alberta Provincial (Canada, 4/2009).</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,</b> <b>6/2017).</b>
8 hrs OEL: 150 ppm 8 hours. 8 hrs OEL: 713 mg/m³ 8 hours. CA British Columbia Provincial (Canada, 6/2017), TWA: 150 ppm 8 hours. CA Ontario Provincial (Canada, 1/2014), TWAEV: 150 ppm 8 hours. CA Quebec Provincial (Canada, 1/2014), TWAEV: 150 ppm 8 hours. CA Saskatchewan Provincial (Canada, 1/2014), TWAEV: 150 ppm 8 hours. CA Saskatchewan Provincial (Canada, 1/2014), TWAEV: 150 ppm 8 hours. CA Saskatchewan Provincial (Canada, 1/2014), TWAEV: 150 ppm 8 hours.         2-methylpropan-1-ol       CA Alberta Provincial (Canada, 1/2019), 8 hrs OEL: 152 mg/m³ 8 hours. CA Alberta Provincial (Canada, 1/2019), 8 hrs OEL: 152 mg/m³ 8 hours. CA Outraio Provincial (Canada, 1/2014), TWA: 50 ppm 8 hours. CA Quebec Provincial (Canada, 1/2014), TWAEV: 50 ppm 8 hours. CA Quebec Provincial (Canada, 1/2014), TWAEV: 50 ppm 8 hours. CA Quebec Provincial (Canada, 1/2014), TWAEV: 50 ppm 8 hours. CA Alberta Provincial (Canada, 1/2014), TWAEV: 150 mg/m³ 8 hours. CA Aubpec Provincial (Canada, 1/2014), TWAEV: 150 mg/m³ 8 hours. CA Aubpec Provincial (Canada, 1/2014), TWAEV: 150 mg/m³ 8 hours. CA Aubpec Provincial (Canada, 1/2014), TWAEV: 400 ppm 8 hours. CA Aubpec Provincial (Canada, 1/2014), TWAEV: 150 mg/m³ 8 hours.         Med. Aliphatic Hydrocarbon Solvent       CA Aubpec Provincial (Canada, 1/2014), TWAEV: 150 mg/m³ 8 hours. CA Aubpec Provincial (Canada, 1/2014), TWAEV: 400 ppm 8 hours.         Xylene       CA Aubpec Provincial (Canada, 1/2015), TWA: 525 mg/m³ 8 hours.         Xylene       CA Aubpec Provincial (Canada, 1/2015), TWA: 525 mg/m³ 8 hours.			CA Ontario Provincial (Canada, 7/2015). TWA: 20 ppm 8 hours. CA Quebec Provincial (Canada, 1/2014). Absorbed through skin. TWAEV: 50 ppm 8 hours. TWAEV: 188 mg/m <sup>3</sup> 8 hours. CA Saskatchewan Provincial (Canada, 7/2013). Absorbed through skin. STEL: 60 ppm 15 minutes.
8 hrs OEL: 50 ppm 8 hours. 8 hrs OEL: 152 mg/m³ 8 hours. CA British Columbia Provincial (Canada, 6/2017). TWA: 50 ppm 8 hours. CA Ontario Provincial (Canada, 7/2015). TWA: 50 ppm 8 hours. CA Quebec Provincial (Canada, 1/2014). TWAEV: 50 ppm 8 hours. CA Saskatchewan Provincial (Canada, 1/2014). TWAEV: 152 mg/m³ 8 hours. CA Saskatchewan Provincial (Canada, 7/2013). STEL: 60 ppm 15 minutes. TWA: 50 ppm 8 hours.Med. Aliphatic Hydrocarbon SolventCA Quebec Provincial (Canada, 1/2014). TWAEV: 152 mg/m³ 8 hours. CA Guebec Provincial (Canada, 1/2014). TWAEV: 150 ppm 8 hours. TWA: 50 ppm 8 hours. TWA: 50 ppm 8 hours.Med. Aliphatic Hydrocarbon SolventCA Aubete Provincial (Canada, 1/2014). TWAEV: 400 ppm 8 hours. TWAEV: 1590 mg/m³ 8 hours. CA Ontario Provincial (Canada, 7/2015). TWAEV: 1590 mg/m³ 8 hours.XyleneCA Alberta Provincial (Canada, 7/2015). TWA: 525 mg/m³ 8 hours.XyleneS hrs OEL: 100 ppm 8 hours. 8 hrs OEL: 100 ppm 8 hours.	Isobutyl Acetate		8 hrs OEL: 150 ppm 8 hours. 8 hrs OEL: 713 mg/m <sup>3</sup> 8 hours. <b>CA British Columbia Provincial (Canada,</b> <b>6/2017).</b> TWA: 150 ppm 8 hours. <b>CA Ontario Provincial (Canada, 7/2015).</b> TWA: 150 ppm 8 hours. <b>CA Quebec Provincial (Canada, 1/2014).</b> TWAEV: 150 ppm 8 hours. TWAEV: 713 mg/m <sup>3</sup> 8 hours. <b>CA Saskatchewan Provincial (Canada,</b> <b>7/2013).</b> STEL: 188 ppm 15 minutes.
Med. Aliphatic Hydrocarbon SolventCA Quebec Provincial (Canada, 1/2014). TWAEV: 400 ppm 8 hours. TWAEV: 1590 mg/m³ 8 hours. CA Ontario Provincial (Canada, 7/2015). TWA: 525 mg/m³ 8 hours.XyleneCA Alberta Provincial (Canada, 4/2009). 8 hrs OEL: 100 ppm 8 hours.	2-methylpropan-1-ol		8 hrs OEL: 50 ppm 8 hours. 8 hrs OEL: 152 mg/m <sup>3</sup> 8 hours. <b>CA British Columbia Provincial (Canada,</b> <b>6/2017).</b> TWA: 50 ppm 8 hours. <b>CA Ontario Provincial (Canada, 7/2015).</b> TWA: 50 ppm 8 hours. <b>CA Quebec Provincial (Canada, 1/2014).</b> TWAEV: 50 ppm 8 hours. TWAEV: 152 mg/m <sup>3</sup> 8 hours. <b>CA Saskatchewan Provincial (Canada,</b> <b>7/2013).</b> STEL: 60 ppm 15 minutes.
XyleneCA Alberta Provincial (Canada, 4/2009). 8 hrs OEL: 100 ppm 8 hours.	Med. Aliphatic Hydrocarbon Solvent		CA Quebec Provincial (Canada, 1/2014). TWAEV: 400 ppm 8 hours. TWAEV: 1590 mg/m <sup>3</sup> 8 hours. CA Ontario Provincial (Canada, 7/2015).
	Xylene		CA Alberta Provincial (Canada, 4/2009). 8 hrs OEL: 100 ppm 8 hours.

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	15 min OEL: 150 ppm 15 minutes. 8 hrs OEL: 434 mg/m <sup>3</sup> 8 hours.
	CA British Columbia Provincial (Canada,
	6/2017).
	TWA: 100 ppm 8 hours.
	STEL: 150 ppm 15 minutes.
	CA Quebec Provincial (Canada, 1/2014).
	TWAEV: 100 ppm 8 hours.
	TWAEV: 434 mg/m <sup>3</sup> 8 hours.
	STEV: 150 ppm 15 minutes.
	STEV: 651 mg/m <sup>3</sup> 15 minutes.
	CA Ontario Provincial (Canada, 7/2015).
	STEL: 150 ppm 15 minutes.
	TWA: 100 ppm 8 hours.
	CA Saskatchewan Provincial (Canada,
	7/2013).
	STEL: 150 ppm 15 minutes.
	TWA: 100 ppm 8 hours.
Ethylbenzene	CA Alberta Provincial (Canada, 4/2009). 8 hrs OEL: 100 ppm 8 hours.
	8 hrs OEL: 434 mg/m <sup>3</sup> 8 hours.
	15 min OEL: 543 mg/m <sup>3</sup> 15 minutes.
	15 min OEL: 125 ppm 15 minutes.
	CA British Columbia Provincial (Canada,
	6/2017).
	TWA: 20 ppm 8 hours.
	CA Ontario Provincial (Canada, 7/2015).
	TWA: 20 ppm 8 hours.
	CA Quebec Provincial (Canada, 1/2014).
	TWAEV: 100 ppm 8 hours.
	TWAEV: 434 mg/m <sup>3</sup> 8 hours.
	STEV: 125 ppm 15 minutes.
	STEV: 543 mg/m <sup>3</sup> 15 minutes.
	CA Saskatchewan Provincial (Canada,
	7/2013).
	STEL: 125 ppm 15 minutes.
	TWA: 100 ppm 8 hours.
	••

#### **Occupational exposure limits (Mexico)**

Ingredient name	Exposure limits
Potassium Zinc Chromate	NOM-010-STPS-2014 (Mexico, 4/2016).
	TWA: 0.01 mg/m <sup>3</sup> 8 hours.
1-Methoxy-2-propanol	NOM-010-STPS-2014 (Mexico, 4/2016).
	STEL: 150 ppm 15 minutes.
	TWA: 100 ppm 8 hours.
Toluene	NOM-010-STPS-2014 (Mexico, 4/2016).
	TWA: 20 ppm 8 hours.
Isobutyl Acetate	NOM-010-STPS-2014 (Mexico, 4/2016).
	TWA: 150 ppm 8 hours.
2-methylpropan-1-ol	NOM-010-STPS-2014 (Mexico, 4/2016).
	TWA: 50 ppm 8 hours.
Xylene	NOM-010-STPS-2014 (Mexico, 4/2016).
-	STEL: 150 ppm 15 minutes.
	TWA: 100 ppm 8 hours.
Ethylbenzene	NOM-010-STPS-2014 (Mexico, 4/2016).
,	TWA: 20 ppm 8 hours.

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 measure	es a la companya de l
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: chemical splash goggles and/ or face shield. If inhalation hazards exist, a full-face respirator may be required instead.
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 anti-static 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.
Ocotion O Dhurster	

# Section 9. Physical and chemical properties

<u>Appearance</u>			
Physical state	: Liquid.		
Color	: Not available.		
Odor	: Not available.		
Odor threshold	: Not available.		
рН	: Not available.		
Melting point/freezing point	: Not available.		
Boiling point/boiling range	: 90°C (194°F)		
Flash point	: Closed cup: -11°C (12.2°F) [Pensky-Martens Closed Cup]		
Evaporation rate	: 4.2 (butyl acetate = 1)		
Flammability (solid, gas)	: Not available.		
Lower and upper explosive (flammable) limits	: Lower: 0.9% Upper: 13.74%		
Date of issue/Date of revision	: 7/4/2018 Date of previous issue : 5/9/2018	Version : 9.01	10/18

# Section 9. Physical and chemical properties

Vapor pressure	: 6.4 kPa (48 mm Hg) [at 20°C]
Vapor density	: 2.55 [Air = 1]
Relative density	: 1.1
Solubility	: Not available.
Partition coefficient: n- octanol/water	: Not available.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Viscosity	: Kinematic (40°C (104°F)): <0.205 cm <sup>2</sup> /s (<20.5 cSt)
Molecular weight	: Not applicable.
Aerosol product	
Heat of combustion	: 17.454 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
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
1-Methoxy-2-propanol	LD50 Dermal	Rabbit	13 g/kg	-
	LD50 Oral	Rat	6600 mg/kg	-
Toluene	LC50 Inhalation Vapor	Rat	49 g/m <sup>3</sup>	4 hours
	LD50 Oral	Rat	636 mg/kg	-
Isobutyl Acetate	LD50 Dermal	Rabbit	>17400 mg/kg	-
, ,	LD50 Oral	Rat	13400 mg/kg	-
2-Methyl-1-propanol	LC50 Inhalation Vapor	Rat	19200 mg/m <sup>3</sup>	4 hours
<b>y i i</b>	LD50 Dermal	Rabbit	3400 mg/kg	-
	LD50 Oral	Rat	2460 mg/kg	-
Xylene	LC50 Inhalation Gas.	Rat	5000 ppm	4 hours
, ,	LD50 Oral	Rat	4300 mg/kg	-
Ethylbenzene	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	3500 mg/kg	-

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
1-Methoxy-2-propanol	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
	Skin - Mild irritant	Rabbit	-	milligrams 500 milligrama	-
Amorphous Silica	Eyes - Mild irritant	Rabbit	-	milligrams 24 hours 25 milligrams	-
Toluene	Eyes - Mild irritant	Rabbit	-	0.5 minutes 100 milligrams	-
	Eyes - Mild irritant	Rabbit	-	870 Micrograms	-
	Eyes - Severe irritant	Rabbit	-	24 hours 2 milligrams	-
	Skin - Mild irritant	Pig	-	24 hours 250 microliters	-
	Skin - Mild irritant	Rabbit	-	435 milligrams	-
	Skin - Moderate irritant	Rabbit	-	24 hours 20 milligrams	-
	Skin - Moderate irritant	Rabbit	-	500 milligrams	-
sobutyl Acetate	Eyes - Moderate irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	500 milligrams	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500 milligrams	-
Xylene	Eyes - Mild irritant	Rabbit	-	87 milligrams	-
	Eyes - Severe irritant	Rabbit	-	24 hours 5 milligrams	-
	Skin - Mild irritant	Rat	-	8 hours 60 microliters	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Moderate irritant	Rabbit	-	100 Percent	-
Ethylbenzene	Eyes - Severe irritant	Rabbit	-	500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 15 milligrams	-

#### **Sensitization**

Not available.

#### **Mutagenicity**

Not available.

#### **Carcinogenicity**

Not available.

#### **Classification**

Product/ingredient name	OSHA	IARC	NTP
Potassium Zinc Chromate	+	1	Known to be a human carcinogen.
Amorphous Silica	-	3	-
Toluene	-	3	-
Xylene	-	3	-
Ethylbenzene	-	2B	-

### Reproductive toxicity

Not available.

#### **Teratogenicity**

Date of issue/Date	e of revision	: 7/4/2018	Date of previous issue	: 5/9/2018	Version	:9.01	12/18
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Not available.

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

Name	Category	Route of exposure	Target organs
Lt Aliphatic Hydrocarbon Solvent	Category 3	Not applicable.	Respiratory tract irritation and Narcotic effects
1-Methoxy-2-propanol	Category 3	Not applicable.	Respiratory tract irritation and Narcotic effects
Lt. Aliphatic Hydrocarbon Solvent	Category 3	Not applicable.	Respiratory tract irritation and Narcotic effects
Toluene	Category 3	Not applicable.	Respiratory tract irritation and Narcotic effects
Isobutyl Acetate	Category 3	Not applicable.	Narcotic effects
2-Methyl-1-propanol	Category 3	Not applicable.	Respiratory tract irritation and Narcotic effects
Med. Aliphatic Hydrocarbon Solvent	Category 3	Not applicable.	Respiratory tract irritation and Narcotic effects
Xylene	Category 3	Not applicable.	Respiratory tract irritation
Ethylbenzene	Category 3	Not applicable.	Respiratory tract irritation and Narcotic effects

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

Name	Category	Route of exposure	Target organs
Lt Aliphatic Hydrocarbon Solvent	Category 2	Not determined	Not determined
1-Methoxy-2-propanol	Category 2	Not determined	Not determined
Lt. Aliphatic Hydrocarbon Solvent	Category 2	Not determined	Not determined
Toluene	Category 2	Not determined	Not determined
2-Methyl-1-propanol	Category 2	Not determined	Not determined
Med. Aliphatic Hydrocarbon Solvent	Category 1	Not determined	Not determined
Xylene	Category 2	Not determined	Not determined
Ethylbenzene	Category 2	Not determined	Not determined

#### **Aspiration hazard**

Name	Result
Lt Aliphatic Hydrocarbon Solvent	ASPIRATION HAZARD - Category 1
Lt. Aliphatic Hydrocarbon Solvent	ASPIRATION HAZARD - Category 1
Toluene	ASPIRATION HAZARD - Category 1
Med. Aliphatic Hydrocarbon Solvent	ASPIRATION HAZARD - Category 1
Xylene	ASPIRATION HAZARD - Category 1
Ethylbenzene	ASPIRATION HAZARD - Category 1

### Information on the likely : Not available.

#### routes of exposure

#### Potential acute health effects

Eye contact	:	Causes serious eye damage.
Inhalation	:	Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. May cause respiratory irritation.
Skin contact	;	Causes skin irritation. May cause an allergic skin reaction.

Date of issue/Date	of revision	: 7/4/2018	Date of previous issue	: 5/9/2018	Version	: 9.01	13/18
CM0723404	TT-P-1757B, Type I, Cla	ass C, Chromate	ed Alkyd Primer		SHW-85-	NA-GHS-US	

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	У	C	3	u	υ	

: Harmful if swallowed. Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.

Symptoms related to the p	ohysical, chemical and toxicological characteristics
Eye contact	: Adverse symptoms may include the following: pain 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: pain or irritation redness blistering may occur reduced fetal weight increase in fetal deaths skeletal malformations
Ingestion	: Adverse symptoms may include the following: stomach pains nausea or vomiting reduced fetal weight increase in fetal deaths skeletal malformations
	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 effects

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.
Carcinogenicity	: May cause 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.
Developmental effects	: No known significant effects or critical hazards.
Fertility effects	: No known significant effects or critical hazards.

: 5/9/2018

#### Numerical measures of toxicity Acute toxicity estimates

Route	ATE value
Oral	1276.1 mg/kg
Dermal	20577 mg/kg
Inhalation (gases)	182930.3 ppm
Inhalation (vapors)	166.9 mg/l

# Section 12. Ecological information

<u>Toxicity</u>			
Product/ingredient name	Result	Species	Exposure
Lt Aliphatic Hydrocarbon Solvent	Acute LC50 >100000 ppm Fresh water	Fish - Oncorhynchus mykiss	96 hours
Lt. Aliphatic Hydrocarbon Solvent	Acute LC50 >100000 ppm Fresh water	Fish - Oncorhynchus mykiss	96 hours
Toluene	Acute EC50 12500 µg/l Fresh water	Algae - Pseudokirchneriella subcapitata	72 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 1000 µg/l Fresh water	Daphnia - Daphnia magna	21 days
2-Methyl-1-propanol	Acute LC50 600 mg/l Marine water	Crustaceans - Artemia salina	48 hours
	Acute LC50 1030000 µg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 1330000 µg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
	Chronic NOEC 4000 µg/l Fresh water	Daphnia - Daphnia magna	21 days
Xylene	Acute LC50 8500 µg/l Marine water	Crustaceans - Palaemonetes pugio	48 hours
	Acute LC50 13400 µg/l Fresh water	Fish - Pimephales promelas	96 hours
Ethylbenzene	Acute EC50 4600 µg/l Fresh water	Algae - Pseudokirchneriella subcapitata	72 hours
	Acute EC50 3600 µg/l Fresh water	Algae - Pseudokirchneriella subcapitata	96 hours
	Acute EC50 6530 µg/l Fresh water	Crustaceans - Artemia sp Nauplii	48 hours
	Acute EC50 2930 µg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 4200 µg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours

#### Persistence and degradability

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Toluene	-	-	Readily
2-Methyl-1-propanol	-	-	Readily
Xylene	-	-	Readily
Ethylbenzene	-	-	Readily

#### **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
Potassium Zinc Chromate Lt Aliphatic Hydrocarbon Solvent	-	60960 10 to 2500	high high
Lt. Aliphatic Hydrocarbon Solvent	-	10 to 2500	high
Toluene Xylene	-	90 8.1 to 25.9	low low

Date of issue/Date of revision: 7/4/2018Date of previous issue: 5/9/2018CM0723404TT-P-1757B, Type I, Class C, Chromated Alkyd Primer

# Section 12. Ecological information

#### 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	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		

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

### Section 14. Transport information

substances and on all actions in case of emergency situations.

Transport in bulk according : Not available. to Annex II of MARPOL and the IBC Code

Pollution category	: Not available.
Ship type	: Not available.
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.

### 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

Classification	Justification
FLAMMABLE LIQUIDS - Category 2	On basis of test data
ACUTE TOXICITY (oral) - Category 4	Calculation method
SKIN CORROSION/IRRITATION - Category 2	Calculation method
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1	Calculation method
SKIN SENSITIZATION - Category 1	Calculation method
CARCINOGENICITY - Category 1A	Calculation method
TOXIC TO REPRODUCTION (Unborn child) - Category 2	Calculation method
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3	Calculation method
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3	Calculation method
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1	Calculation method
ASPIRATION HAZARD - Category 1	Calculation method

: 7/4/2018
: 7/4/2018
: 5/9/2018
: 9.01

## Section 16. Other information

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)
	UN = United Nations

#### 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 Sherwin-Williams, including but not limited to the incorporation of non Sherwin-Williams products or the use or addition of products in proportions not specified by Sherwin-Williams. 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.