SAFETY DATA SHEET

7910

Section 1. Identification

: TOUGH COAT® Advanced Gloss Black			
: 7910			
: Not available.			
: Liquid.			
e substance or mixture and uses advised against			
: Krylon Products Group 101 Prospect Avenue NW Cleveland, OH 44115			
: US/Canada: (800) 424-9300 Mexico: CHEMTREC Mexico 800-681-9531. Available 24 hours and 365 days per year			
: US/Canada: (800) 247-3266 Mexico: Not Available			
: US/Canada: (800) 424-9300 Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year			

Section 2. Hazards identification

OSHA/HCS status	: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Classification of the substance or mixture	 FLAMMABLE LIQUIDS - Category 2 SKIN CORROSION/IRRITATION - Category 2 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A SKIN SENSITIZATION - Category 1 CARCINOGENICITY - Category 1A TOXIC TO REPRODUCTION - Category 1B 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 1 ASPIRATION HAZARD - Category 1 Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 25.5% (oral), 25.5% (dermal), 32.9% (inhalation)
GHS label elements	
Hazard pictograms	
Signal word	: Danger

Date	e of issue/Date of revision	: 1/29/2024	Date of previous issue	: 12/30/2023	Version : 7	1/21
7910	7910 TOUGH COAT® Advanced				SHW-85-NA-GHS-US	
	Gloss Black					

Section 2. Hazards identification

Hazard statements	 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. May cause cancer. May damage fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. (lungs)
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. Do not eat, drink or smoke when using this product. 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	 Dispose of contents and container in accordance with all local, regional, national and international regulations.
Supplemental label elements	 DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. FOR INDUSTRIAL USE ONLY. Adequate ventilation required when sanding or abrading the dried film. If Adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Abrading or sanding of the dry film may release Crystalline Silica which has been shown to cause lung damage and cancer under long term exposure.
	transfer contents to other containers for storage.
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.

: 12/30/2023

2/21

Section 3. Composition/information on ingredients

Substance/mixture

- : Mixture
- Other means of identification
- : Not available.

CAS number/other identifiers

Ingredient name	% by weight	CAS number
Light Aliphatic Hydrocarbon	≥10 - ≤25	64742-47-8
Calcium Carbonate	≥10 - ≤25	1317-65-3
Kaolin	≤10	1332-58-7
Methyl Acetate	≤10	79-20-9
Heavy Aliphatic Solvent	≤5	64742-47-8
Light Aromatic Hydrocarbons	<1	64742-95-6
Zirconium 2-Ethylhexanoate	≤1	22464-99-9
Carbon Black	≤1	1333-86-4
Methyl Ethyl Ketoxime	<1	96-29-7
trimethylbenzene	<1	25551-13-7
Hydrotreated Heavy Petroleum Naphtha	≤0.3	64742-48-9
1,2,4-Trimethylbenzene	≤0.3	95-63-6
Cobalt 2-Ethylhexanoate	≤0.3	136-52-7
Crystalline Silica, respirable powder	≤0.3	14808-60-7
1,3,5-Trimethylbenzene	≤0.3	108-67-8

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

Description of r	necessary first aid	<u>l measures</u>					
Eye contact	e	eyelids. Che	flush eyes with plenty eck for and remove an et medical attention.)
Inhalation	i c r c c i i i	s suspected or self-conta respiratory a may be dang Get medical place in reco airway. Loos nhalation of	im to fresh air and kee that fumes are still pro- ined breathing appara rrest occurs, provide a gerous to the person p attention. If necessar overy position and get sen tight clothing such decomposition produce need to be kept under	esent, the rescuer s tus. If not breathing artificial respiration of roviding aid to give y, call a poison cent medical attention im as a collar, tie, belt cts in a fire, symptor	hould wear an ap g, if breathing is irr or oxygen by traine mouth-to-mouth re er or physician. If mediately. Maint or waistband. In ns may be delaye	propriate ma egular or if ed personne esuscitation. f unconsciou ain an open case of	ask el. It us,
Skin contact	((contaminate Continue to complaints c	lenty of soap and wate d clothing thoroughly v rinse for at least 10 mi or symptoms, avoid fur ughly before reuse.	vith water before rer nutes. Get medical	moving it, or wear attention. In the	gloves. event of any	/
Ingestion	v f l k	with water. I person is co feels sick as ungs and ca be kept low s unconscious	attention immediately. Remove dentures if an nscious, give small qui vomiting may be dang use damage. Do not so that vomit does not person. If unconsciou nediately. Maintain an	y. If material has b antities of water to c gerous. Aspiration h induce vomiting. If enter the lungs. Ne us, place in recover	een swallowed an drink. Stop if the e nazard if swallowe vomiting occurs, t ever give anything y position and get	d the exposed per- exposed per- d. Can enter he head sho by mouth to medical	ed son er ould o an
	TOUGH COAT® Advan	: 1/29/2024 aced	Date of previous issue	: 12/30/2023	Version SHW-85-	:7 NA-GHS-US	3/21
	Gloss Black						

Section 4. First aid measures

tie, belt or waistband.

Eye contact	cts : Causes serious eye irritation.
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.
Ingestion	: Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.
<u>Over-exposure signs/symp</u>	<u>otoms</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	 In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
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 of self-contained breathing apparatus. It may be dangerous to the person providing aid t give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with wate before removing it, or wear gloves.

See toxicological information (Section 11)

Date of issue/Da	te of revision	: 1/29/2024	Date of previous issue	: 12/30/2023	Version : 7	4/21
7910	TOUGH COAT® Ac Gloss Black	lvanced			SHW-85-NA-GHS-US	

Section 5. Fire-fighting measures

0	
Extinguishing media	
Suitable extinguishing media	: Use dry chemical, CO ₂ , 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 nitrogen oxides phosphorus oxides metal oxide/oxides
Special protective actions for fire-fighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Remark	: Flammable liquid.

Section 6. Accidental release measures

Personal precautions, protective 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 co	nt	ainment and cleaning up
Small enill		Stop leak if without rick. Move containers from spill area. Use spark proof tools and

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.

Section 6. Accidental release measures

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 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)

Ingredient name		CAS # Ex		Exposure limits		
Light Aliphatic Hydrocarbon			64742-47-8 ACGIH TLV (United States, 1) [Kerosene as total hydrocarb Absorbed through skin. TWA: 200 mg/m ³ , (as total hy vapor) 8 hours.			ipor]
Calcium Carbonate		1317-65-3 1317-65-3 OSHA PEL (United States TWA: 5 mg/m ³ 8 hours. F fraction TWA: 15 mg/m ³ 8 hours. NIOSH REL (United State [calcium carbonate]		nited States, 5/2018). 1 ³ 8 hours. Form: Resp m ³ 8 hours. Form: Tota Jnited States, 10/2020	orm: Respirable Form: Total dust	
Date of issue/Date of i	revision : 1/29/2024	Date of pre	vious issue	: 12/30/2023	Version : 7	6/21
	UGH COAT® Advanced oss Black				SHW-85-NA-GHS-	US

Section 6. Exposure contro	is/personal prot	
		TWA: 5 mg/m ³ 10 hours. Form: Respirable
		fraction TWA: 10 mg/m³ 10 hours. Form: Total
Kaolin	1332-58-7	ACGIH TLV (United States, 1/2023).
		TWA: 2 mg/m ³ 8 hours. Form: Respirable
		fraction
		NIOSH REL (United States, 10/2020).
		TWA: 5 mg/m ³ 10 hours. Form: Respirable
		fraction TWA: 10 mg/m³ 10 hours. Form: Total
		OSHA PEL (United States, 5/2018).
		TWA: 5 mg/m ³ 8 hours. Form: Respirable
		fraction
		TWA: 15 mg/m ³ 8 hours. Form: Total dust
Methyl Acetate	79-20-9	ACGIH TLV (United States, 1/2023).
		TWA: 200 ppm 8 hours.
		TWA: 606 mg/m ³ 8 hours. STEL: 250 ppm 15 minutes.
		STEL: 250 ppm 15 minutes. STEL: 757 mg/m ³ 15 minutes.
		NIOSH REL (United States, 10/2020).
		TWA: 200 ppm 10 hours.
		TWA: 610 mg/m ³ 10 hours.
		STEL: 250 ppm 15 minutes.
		STEL: 760 mg/m ³ 15 minutes. OSHA PEL (United States, 5/2018).
		TWA: 200 ppm 8 hours.
		TWA: $610 \text{ mg/m}^3 8 \text{ hours.}$
Heavy Aliphatic Solvent	64742-47-8	ACGIH TLV (United States, 1/2023).
		[Kerosene as total hydrocarbon vapor]
		Absorbed through skin.
		TWA: 200 mg/m³, (as total hydrocarbon
Light Aromatic Hydrocarbons	64742-95-6	vapor) 8 hours. None.
Zirconium 2-Ethylhexanoate	22464-99-9	ACGIH TLV (United States, 1/2023).
	22101000	[Zirconium and compounds as Zr]
		TWA: 5 mg/m³, (as Zr) 8 hours.
		STEL: 10 mg/m³, (as Zr) 15 minutes.
		NIOSH REL (United States, 10/2020).
		[zirconium compounds as Zr] TWA: 5 mg/m³, (as Zr) 10 hours.
		STEL: 10 mg/m ³ , (as Zr) 15 minutes.
		OSHA PEL (United States, 5/2018).
		[Zirconium compounds (as Zr)]
		TWA: 5 mg/m³, (as Zr) 8 hours.
Carbon Black	1333-86-4	NIOSH REL (United States, 10/2020).
		TWA: 3.5 mg/m ³ 10 hours.
		OSHA PEL (United States, 5/2018).
		TWA: 3.5 mg/m ³ 8 hours. ACGIH TLV (United States, 1/2023).
		TWA: 3 mg/m ³ 8 hours. Form: Inhalable
		fraction
Methyl Ethyl Ketoxime	96-29-7	OARS WEEL (United States, 4/2022). Skin
		sensitizer.
trimothulhonzono	25551-13-7	TWA: 10 ppm 8 hours. ACGIH TLV (United States, 1/2023).
trimethylbenzene	20001-10-7	[trimethyl benzene, isomers]
		TWA: 10 ppm 8 hours.
Date of issue/Date of revision : 1/29/2024	Date of previous issue	: 12/30/2023 Version : 7 7/21
7910 TOUGH COAT® Advanced	···· • •	SHW-85-NA-GHS-US
Gloss Black		

Hydrotreated Heavy Petroleum Naphtha	64742-48-9	None.
1,2,4-Trimethylbenzene	95-63-6	NIOSH REL (United States, 10/2020). TWA: 25 ppm 10 hours. TWA: 125 mg/m ³ 10 hours. ACGIH TLV (United States, 1/2023). TWA: 10 ppm 8 hours.
Cobalt 2-Ethylhexanoate	136-52-7	ACGIH TLV (United States, 1/2023). [cobalt and inorganic compounds as Co] Skin sensitizer. Inhalation sensitizer. TWA: 0.02 mg/m ³ , (as Co) 8 hours.
Crystalline Silica, respirable powder	14808-60-7	 OSHA PEL Z3 (United States, 6/2016). TWA: 250 mppcf / (%SiO2+5) 8 hours. Form Respirable TWA: 10 mg/m³ / (%SiO2+2) 8 hours. Form: Respirable OSHA PEL (United States, 5/2018). [Silica, crystalline] TWA: 50 μg/m³ 8 hours. Form: Respirable dust ACGIH TLV (United States, 1/2023). [Silica, crystalline] TWA: 0.025 mg/m³ 8 hours. Form: Respirable fraction NIOSH REL (United States, 10/2020). [SILICA, CRYSTALLINE (AS RESPIRABLE DUST)] TWA: 0.05 mg/m³ 10 hours. Form: respirable dust
1,3,5-Trimethylbenzene	108-67-8	ACGIH TLV (United States, 1/2023). [trimethyl benzene, isomers] TWA: 10 ppm 8 hours. NIOSH REL (United States, 10/2020). TWA: 25 ppm 10 hours. TWA: 125 mg/m ³ 10 hours.

Occupational exposure limits (Canada)

Ingredient name	CAS #	Exposure limits	
Petroleum refining, hydrotreated light distillate	64742-47-8	 CA British Columbia Provincial (Canad 6/2022). [Kerosene/Jet fuels as total hydrocarbon vapour] Absorbed throug skin. Notes: Application restricted to conditions in which there are negligibl aerosol exposures. TWA: 200 mg/m³, (as total hydrocarbon vapour) 8 hours. CA Alberta Provincial (Canada, 6/2018) [Kerosene/Jet fuels as total hydrocarbon vapour] Absorbed through skin. 8 hrs OEL: 200 mg/m³, (as total hydrocarbon vapour) 8 hours. CA Ontario Provincial (Canada, 6/2019 Absorbed through skin. TWA: 200 mg/m³, (as total hydrocarbon vapour) 8 hours. 	jh e on irbon).
Kaolin	1332-58-7	CA Alberta Provincial (Canada, 6/2018) 8 hrs OEL: 2 mg/m ³ 8 hours. Form:	
ate of issue/Date of revision : 1/29/2024 Date of	of previous issue	: 12/30/2023 Version : 7	8/2
910 TOUGH COAT® Advanced Gloss Black		SHW-85-NA-GHS-US	

Section 8. Exposure controls/p		
		 Respirable CA Quebec Provincial (Canada, 6/2022). TWAEV: 2 mg/m³ 8 hours. Form: Respirable dust. CA Ontario Provincial (Canada, 6/2019). TWA: 2 mg/m³ 8 hours. Form: Respirable particulate matter. CA Saskatchewan Provincial (Canada, 7/2013). STEL: 4 mg/m³ 15 minutes. Form: respirable fraction TWA: 2 mg/m³ 8 hours. Form: respirable fraction CA British Columbia Provincial (Canada, 6/2022). Notes: the value is for particulate matter containing no asbestos and less than 1% crystalline silica. TWA: 2 mg/m³ 8 hours. Form: Respirable
Methyl acetate	79-20-9	 CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 606 mg/m³ 8 hours. 15 min OEL: 757 mg/m³ 15 minutes. 15 min OEL: 250 ppm 15 minutes. 8 hrs OEL: 200 ppm 8 hours. CA British Columbia Provincial (Canada, 6/2022). TWA: 200 ppm 8 hours. STEL: 250 ppm 15 minutes. CA Ontario Provincial (Canada, 6/2019). TWA: 200 ppm 8 hours. STEL: 250 ppm 15 minutes. CA Quebec Provincial (Canada, 6/2022). TWAEV: 200 ppm 8 hours. STEL: 250 ppm 15 minutes. CA Quebec Provincial (Canada, 6/2022). TWAEV: 200 ppm 8 hours. STEV: 250 ppm 15 minutes. STEV: 250 ppm 15 minutes. STEV: 757 mg/m³ 15 minutes. CA Saskatchewan Provincial (Canada, 7/2013). STEL: 250 ppm 15 minutes. TWA: 200 ppm 8 hours.
Petroleum refining, hydrotreated light distillate	64742-47-8	 CA British Columbia Provincial (Canada, 6/2022). [Kerosene/Jet fuels as total hydrocarbon vapour] Absorbed through skin. Notes: Application restricted to conditions in which there are negligible aerosol exposures. TWA: 200 mg/m³, (as total hydrocarbon vapour) 8 hours. CA Alberta Provincial (Canada, 6/2018). [Kerosene/Jet fuels as total hydrocarbon vapour] Absorbed through skin. 8 hrs OEL: 200 mg/m³, (as total hydrocarbon vapour) 8 hours. CA Ontario Provincial (Canada, 6/2019). Absorbed through skin. TWA: 200 mg/m³, (as total hydrocarbon vapour) 8 hours. CA Ontario Provincial (Canada, 6/2019). Absorbed through skin. TWA: 200 mg/m³, (as total hydrocarbon vapour) 8 hours. CA Alberta Provincial (Canada, 6/2019).
	of previous issue	: 12/30/2023 Version : 7 9/2
910 TOUGH COAT® Advanced Gloss Black		SHW-85-NA-GHS-US

		 [Zirconium and compounds as Zr] 8 hrs OEL: 5 mg/m³, (as Zr) 8 hours. 15 min OEL: 10 mg/m³, (as Zr) 15 minutes. CA British Columbia Provincial (Canada, 6/2022). [Zirconium and compounds as Zr] TWA: 5 mg/m³, (as Zr) 8 hours. STEL: 10 mg/m³, (as Zr) 15 minutes. CA Quebec Provincial (Canada, 6/2022). [Zirconium and compounds] TWAEV: 5 mg/m³, (as Zr) 8 hours. STEV: 10 mg/m³, (as Zr) 8 hours. STEV: 10 mg/m³, (as Zr) 15 minutes. CA Ontario Provincial (Canada, 6/2019). [Zirconium and compounds as Z] STEL: 10 mg/m³, (as Zr) 15 minutes. TWA: 5 mg/m³, (as Zr) 8 hours.
Carbon black	1333-86-4	 CA British Columbia Provincial (Canada, 6/2022). 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, 6/2022). TWAEV: 3 mg/m³ 8 hours. Form: inhalable dust CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 3.5 mg/m³ 8 hours. CA Saskatchewan Provincial (Canada, 7/2013). STEL: 7 mg/m³ 15 minutes. TWA: 3.5 mg/m³ 8 hours.
Methyl Ethyl Ketoxime	96-29-7	OARS WEEL (United States, 4/2022). Skin sensitizer. TWA: 10 ppm 8 hours.
Cobalt 2-Ethylhexanoate	136-52-7	CA British Columbia Provincial (Canada, 6/2022). [cobalt and inorganic compounds as Co, Inhalable] Skin sensitizer. Inhalation sensitizer. Notes: No British Columbia exposure limit at this time CA British Columbia Provincial (Canada, 6/2022). [Cobalt and inorganic compounds as Co, Total] Skin sensitizer. Inhalation sensitizer. TWA: 0.02 mg/m ³ , (as Co, Total) 8 hours. CA Quebec Provincial (Canada, 6/2022). [Cobalt elemental, and inorganic compounds] Skin sensitizer. Inhalation sensitizer. TWAEV: 0.02 mg/m ³ , (as Co) 8 hours. CA Ontario Provincial (Canada, 6/2019). [Cobalt and inorganic compounds as Co] TWA: 0.02 mg/m ³ , (as Co) 8 hours. CA Saskatchewan Provincial (Canada, 7/2013). [Cobalt and inorganic compounds as Co] STEL: 0.06 mg/m ³ , (measured as Co) 15 minutes.
Date of issue/Date of revision : 1/29/2024 7910 TOUGH COAT® Advanced Gloss Black	Date of previous issue	: 12/30/2023 Version : 7 10/21 SHW-85-NA-GHS-US

	1	-
		TWA: 0.02 mg/m³, (measured as Co) 8 hours.
Quartz	14808-60-7	CA British Columbia Provincial (Canada, 6/2022). [Silica, Crystalline - alpha quartz and Cristobalite Respirable] TWA: 0.025 mg/m ³ 8 hours. Form: Respirable CA Quebec Provincial (Canada, 6/2022). [Silica Crystalline -Quartz] TWAEV: 0.1 mg/m ³ 8 hours. Form: Respirable dust. CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 0.025 mg/m ³ 8 hours. Form: Respirable particulate CA Ontario Provincial (Canada, 6/2019). [Silica, Crystalline (Quartz/Tripoli)] TWA: 0.1 mg/m ³ 8 hours. Form: Respirable particulate matter. CA Saskatchewan Provincial (Canada, 7/2013). TWA: 0.05 mg/m ³ 8 hours. Form: respirable fraction

Occupational exposure limits (Mexico)

	CAS #	Exposure limits
Light Aliphatic Hydrocarbon	64742-47-8	ACGIH TLV (United States, 1/2023). [Kerosene as total hydrocarbon vapor] Absorbed through skin. TWA: 200 mg/m ³ , (as total hydrocarbon vapor) 8 hours.
Methyl Acetate	79-20-9	NOM-010-STPS-2014 (Mexico, 4/2016). TWA: 200 ppm 8 hours. STEL: 250 ppm 15 minutes.
Heavy Aliphatic Solvent	64742-47-8	ACGIH TLV (United States, 1/2023). [Kerosene as total hydrocarbon vapor] Absorbed through skin. TWA: 200 mg/m ³ , (as total hydrocarbon vapor) 8 hours.
Zirconium 2-Ethylhexanoate	22464-99-9	NOM-010-STPS-2014 (Mexico, 4/2016). [Zirconium compounds] TWA: 5 mg/m ³ , (as Zr) 8 hours. STEL: 10 mg/m ³ , (as Zr) 15 minutes.
Cobalt 2-Ethylhexanoate	136-52-7	NOM-010-STPS-2014 (Mexico, 4/2016). [Cobalt and inorganic compounds] TWA: 0.02 mg/m ³ , (as Co) 8 hours.

Biological exposure indices (United States)

Ingredient name		Exposure indices				
Cobalt 2	2-Ethylhexanoate			and inorganic oxides] BEI: 15 µg/l, no carbide - cobalt of shift at end of BEI: Nonquant	ited States, 1/2023) [c compounds including ot combined with tungst [in urine]. Sampling tim workweek. itative: Biological monit dered for this compoun	cobalt en e: end oring
Date of issu	le/Date of revision	: 1/29/2024	Date of previous issue	: 12/30/2023	Version : 7	11/21
7910	TOUGH COAT® A Gloss Black	Advanced			SHW-85-NA-GHS-L	JS

based on the review; however, a specific BEI® could not be determined due to insufficient data., cobalt with tungsten carbide - cobalt [in urine]. Sampling time: end of shift at end of workweek.

Biological exposure indices (Canada)

No exposure indices known.

Biological exposure indices (Mexico)

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

Appropriate engineering : controls	Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.
Environmental exposure : controls	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
Individual protection measures	

Date of issue/Date of revision		: 1/29/2024
7910	TOUGH COAT® A	dvanced
	Gloss Black	

Date of previous issue

: 12/30/2023

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.
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.

Section 9. Physical and chemical properties

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

Appearance Physical state : Liquid. Color : Not available. Odor : Not available. **Odor threshold** : Not available. рΗ : Not applicable. Melting point/freezing point : Not available. **Boiling point, initial boiling** : 55°C (131°F) point, and boiling range **Flash point** : Closed cup: -12°C (10.4°F) [Pensky-Martens Closed Cup] : 5.3 (butyl acetate = 1) **Evaporation rate** Flammability : Flammable liquid. Lower and upper explosion : Lower: 1% Upper: 16% limit/flammability limit Vapor pressure : 22.8 kPa (171 mm Hg) **Relative vapor density** : 2.6 [Air = 1] **Relative density** : 1.11 Solubility(ies) ÷. D

Date of issue/Date	of revision	: 1/29/2024	Date of previous issue	: 12/30/2023	Version	:7	13/21
7910	TOUGH COAT® Advan Gloss Black	ced			SHW-85-1	NA-GHS-US	

Section 9. Physical and chemical properties

Media			Result
cold wa	cold water		Not soluble
Partition octanol/w	coefficient: n- vater	: Not	applicable.
Auto-igni	Auto-ignition temperature : Not		available.
Decompo	Decomposition temperature : Not		available.
Viscosity	,	: Kir	nematic (40°C (104°F)): <20.5 mm²/s (<20.5 cSt)
Molecular weight : Not		: No	t applicable.
Heat of	Heat of combustion : 11.9		963 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
Methyl Acetate	LD50 Dermal	Rabbit	>5 g/kg	-
	LD50 Oral	Rat	>5 g/kg	-
Light Aromatic Hydrocarbons	LD50 Oral	Rat	8400 mg/kg	-
Zirconium 2-Ethylhexanoate	LD50 Dermal	Rabbit	>5 g/kg	-
	LD50 Oral	Rat	>5 g/kg	-
Carbon Black	LD50 Oral	Rat	>15400 mg/kg	-
Methyl Ethyl Ketoxime	LD50 Oral	Rat	930 mg/kg	-
trimethylbenzene	LD50 Oral	Rat	8970 mg/kg	-
Hydrotreated Heavy	LC50 Inhalation Vapor	Rat	8500 mg/m ³	4 hours
Petroleum Naphtha			-	
	LD50 Oral	Rat	>6 g/kg	-
1,2,4-Trimethylbenzene	LC50 Inhalation Vapor	Rat	18000 mg/m ³	4 hours
-	LD50 Oral	Rat	5 g/kg	-
Cobalt 2-Ethylhexanoate	LD50 Dermal	Rabbit	>5 g/kg	-
-	LD50 Oral	Rat	1.22 g/kg	-
1,3,5-Trimethylbenzene	LC50 Inhalation Vapor	Rat	24000 mg/m ³	4 hours
•	LD50 Oral	Rat	5000 mg/kg	-

Date of issue/Date	of revision	: 1/29/2024	Date of previous issue	: 12/30/2023	Version	:7	14/21
7910	TOUGH COAT® Advan Gloss Black	ced			SHW-85-	NA-GHS-US	

Section 11. Toxicological information

Product/ingredient name	Result	Species	Score	Exposure	Observation
Methyl Acetate	Eyes - Moderate irritant	Rabbit	-	24 hours 100	-
				mg	
	Skin - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
	Skin - Moderate irritant	Rabbit	-	24 hours 20	-
				mg	
Light Aromatic Hydrocarbons	Eyes - Mild irritant	Rabbit	-	24 hours 100	-
				uL	
Methyl Ethyl Ketoxime	Eyes - Severe irritant	Rabbit	-	100 uL	-
trimethylbenzene	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
	Skin - Moderate irritant	Rabbit	-	24 hours 500	-
				mg	
1,3,5-Trimethylbenzene	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
	Skin - Moderate irritant	Rabbit	-	24 hours 20	-
				mg	

Sensitization

Not available.

Mutagenicity

Not available.

Carcinogenicity

Not available.

Classification

Product/ingredient name	OSHA	IARC	NTP
Carbon Black Cobalt 2-Ethylhexanoate Crystalline Silica, respirable powder	- - +	2B 2B 1	- Reasonably anticipated to be a human carcinogen. Known to be a human carcinogen.

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
Light Aliphatic Hydrocarbon	Category 3	-	Respiratory tract irritation
	Category 3		Narcotic effects
Calcium Carbonate	Category 3	-	Respiratory tract irritation
Methyl Acetate	Category 3	-	Narcotic effects
Heavy Aliphatic Solvent	Category 3	-	Respiratory tract irritation
	Category 3		Narcotic effects
ight Aromatic Hydrocarbons	Category 3	-	Respiratory tract irritation
	Category 3		Narcotic effects
te of issue/Date of revision : 1/29/20	24 Date of previous issue : :	12/30/2023	Version :7 15
10 TOUGH COAT® Advanced Gloss Black			SHW-85-NA-GHS-US

Section 11. Toxicological information

Methyl Ethyl Ketoxime	Category 1	-	upper respiratory tract
1,2,4-Trimethylbenzene	Category 3 Category 3	-	Narcotic effects Respiratory tract irritation
1,3,5-Trimethylbenzene	Category 3	-	Respiratory tract irritation

Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
Light Aliphatic Hydrocarbon	Category 2	-	-
Kaolin	Category 1	inhalation	lungs
Heavy Aliphatic Solvent	Category 2	-	-
Light Aromatic Hydrocarbons	Category 2	-	-
Methyl Ethyl Ketoxime	Category 2	-	blood system
Crystalline Silica, respirable powder	Category 1	inhalation	-

Aspiration hazard

Name	Result
Light Aliphatic Hydrocarbon	ASPIRATION HAZARD - Category 1
Heavy Aliphatic Solvent	ASPIRATION HAZARD - Category 1
Light Aromatic Hydrocarbons	ASPIRATION HAZARD - Category 1
trimethylbenzene	ASPIRATION HAZARD - Category 1
Hydrotreated Heavy Petroleum Naphtha	ASPIRATION HAZARD - Category 1
1,2,4-Trimethylbenzene	ASPIRATION HAZARD - Category 1
1,3,5-Trimethylbenzene	ASPIRATION HAZARD - Category 1

Information on the likely : Not available.

routes of exposure	
Potential acute health effe	ects
Eye contact	: Causes serious eye irritation.
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.
Ingestion	: Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.
Symptoms related to the I	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

Date of issue/Date	e of revision	: 1/29/2024	Date of previous issue	: 12/30/2023	Version : 7	16/21
7910	TOUGH COAT® Adva	nced			SHW-85-NA-GHS-US	
	Gloss Black					

Section 11. Toxicological information

Skin contact	: Adverse symptoms may include the following: irritation redness reduced fetal weight increase in fetal deaths skeletal malformations
Ingestion	: Adverse symptoms may include the following: nausea or vomiting reduced fetal weight increase in fetal deaths skeletal malformations

Delayed and immediate 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.
<u>Long term exposure</u>	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Potential chronic health e	ffects
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	: May damage fertility.

Numerical measures of toxicity Acute toxicity estimates Not available.

Section 12. Ecological information

Product/ingredient name	Result	Species	Exposure
Light Aliphatic Hydrocarbon	Acute LC50 2200 µg/l Fresh water	Fish - Lepomis macrochirus	4 days 🥄
Methyl Acetate	Acute LC50 320000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
Heavy Aliphatic Solvent	Acute LC50 2200 µg/l Fresh water	Fish - Lepomis macrochirus	4 days
Methyl Ethyl Ketoxime	Acute LC50 843000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
trimethylbenzene	Acute LC50 5600 µg/l Marine water	Crustaceans - Palaemonetes pugio	48 hours
1,2,4-Trimethylbenzene	Acute LC50 4910 µg/l Marine water	Crustaceans - <i>Elasmopus</i> pectenicrus - Adult	48 hours
	Acute LC50 7720 µg/l Fresh water	Fish - <i>Pimephales promelas</i>	96 hours
1,3,5-Trimethylbenzene	Acute LC50 13000 µg/l Marine water	Crustaceans - Cancer magister -	48 hours
Date of issue/Date of revision	: 1/29/2024 Date of previous issue	: 12/30/2023 Version : 7	17/2
7910 TOUGH COAT® Gloss Black	Advanced	SHW-85-NA-	GHS-US

Section 12. Ecological information

	Zoea	
Acute LC50 12520 μg/l Fresh water	Fish - Carassius auratus	96 hours
Chronic NOEC 0.4 mg/l Fresh water	Daphnia - <i>Daphnia magna</i>	21 days

Persistence and degradability

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Light Aromatic Hydrocarbons	-	-	Readily

Bioaccumulative potential

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

Mobility in soil

Soil/water partition	: Not available.
coefficient (Koc)	

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 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
Date of issue/Date of rev	vision : 1/29/202	24 Date of previous i	ssue : 12/30/202	23 Versio	on: 7 18/21
	GH COAT® Advanced s Black			SHW	85-NA-GHS-US

Transport	3	3	3	3	3
hazard class(es)	e same e don				
Packing group	II	11	11		11
Environmental hazards	No.	No.	No.	No.	No.
Additional information	- ERG No. 128	Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.18-2.19 (Class 3). ERG No. 128	- <u>ERG No.</u> 128	-	Emergency schedules F-E, S- E
Special precautions Fransport in bulk ac o IMO instruments	consid mode suitabl to ship of the dange and or	er container sizes. The of transport (sea, air, y for that mode of transment, and compliance person offering the product goods must be the all actions in case of	ne presence of a etc.), does not in nsport. All package with the application oduct for transportation rained on all of the	shipping description dicate that the pro- ging must be review able regulations is to ort. People loading the risks deriving from	duct is packaged wed for suitability prior the sole responsibility and unloading

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

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Date of issue/Date of revision	
7910	TOUGH COA
	Gloss Black

. . .

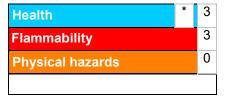
: 12/30/2023

Section 15. Regulatory information

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

Section 16. Other information

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



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

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

Procedure used to derive the classification

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 1A	Calculation method
TOXIC TO REPRODUCTION - Category 1B	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
SPEČIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1 ASPIRATION HAZARD - Category 1	Calculation method Calculation method

<u>History</u>	
Date of printing	: 1/29/2024
Date of issue/Date of revision	: 1/29/2024
Date of previous issue	: 12/30/2023
Version	: 7

Date of previous issue

: 1/29/2024

Section 16. Other information

Kow to obbroviations	ATE - Acute Toxicity Estimate
Key to abbreviations	: ATE = Acute Toxicity Estimate
	BCF = Bioconcentration Factor
	GHS = Globally Harmonized System of Classification and Labelling of Chemicals
	IATA = International Air Transport Association
	IBC = Intermediate Bulk Container
	IMDG = International Maritime Dangerous Goods
	LogPow = logarithm of the octanol/water partition coefficient
	MARPOL = International Convention for the Prevention of Pollution From Ships, 1973
	as modified by the Protocol of 1978. ("Marpol" = marine pollution)
	N/A = Not available
	SGG = Segregation Group
	UN = United Nations

Indicates information that has changed from previously issued version.

Notice to reader

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.