SAFETY DATA SHEET

F93G0S105

Section 1. Identification

Product name : F93G0S105 MIL-DTL-53039C T1 MOISTURE CURE SILICA TOPCOAT 1K

ALIPHATIC POLYURETHANE 3.5 VOC HAPS FREE GREEN 383 34094 Q1820

Product code : F93G0S105

Other means of : Not available.

identification

Product type : Liquid.

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

Paint or paint related material.

Supplier : Compania Sherwin-Williams S.A. de C.V.

Poniente 140 No.595

Col. Industrial Vallejo, Del. Azcapotzalco C.P. 02300, Ciudad de México, México

Emergency telephone number of the company

: US / Canada: (216) 566-2917

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

Product Information Telephone Number

: US / Canada: 1-844-290-6044 Mexico: Not Available

Regulatory Information Telephone Number

: US / Canada: (216) 566-2902

Mexico: Not Available

Transportation Emergency

: US / Canada: (216) 566-2917

Telephone Number

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

Section 2. Hazards identification

Classification of the substance or mixture

: FLAMMABLE LIQUIDS - Category 3

SKIN CORROSION/IRRITATION - Category 2

SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A

SKIN SENSITIZATION - Category 1 CARCINOGENICITY - Category 1A

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

Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 16.2%

(oral), 36.7% (dermal), 34.3% (inhalation)

GHS label elements

Hazard pictograms :







Signal word : Danger

Date of issue/Date of revision : 11/26/2022 Date of previous issue : 6/15/2022 Version : 12 1/22

Section 2. Hazards identification

Hazard statements

- : H226 Flammable liquid and vapor.
 - H315 Causes skin irritation.
 - H317 May cause an allergic skin reaction.
 - H319 Causes serious eye irritation.
 - H335 May cause respiratory irritation.
 - H336 May cause drowsiness or dizziness.
 - H350 May cause cancer.
 - H372 Causes damage to organs through prolonged or repeated exposure. (respiratory

tract)

Precautionary statements

Prevention

- : P201 Obtain special instructions before use.
 - P202 Do not handle until all safety precautions have been read and understood.
 - P280 Wear protective gloves, protective clothing and eye or face protection.
 - P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 - P241 Use explosion-proof electrical, ventilating or lighting equipment.
 - P242 Use non-sparking tools.
 - P243 Take action to prevent static discharges.
 - P271 Use only outdoors or in a well-ventilated area.
 - P260 Do not breathe vapor.
 - P270 Do not eat, drink or smoke when using this product.
 - P264 Wash thoroughly after handling.
 - P272 Contaminated work clothing must not be allowed out of the workplace.

Response

- : P308 + P313 IF exposed or concerned: Get medical advice or attention.
 - P304 + P340, P312 IF INHALED: Remove person to fresh air and keep comfortable
 - for breathing. Call a POISON CENTER or doctor if you feel unwell.
 - P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
 - P363 Wash contaminated clothing before reuse.
 - P302 + P352 IF ON SKIN: Wash with plenty of water.
 - P333 + P313 If skin irritation or rash occurs: Get medical advice or attention.
 - P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.
 - Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 If eye irritation persists: Get medical advice or attention.

Storage

- : P405 Store locked up.
 - P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
 - P403 + P235 Keep cool.

Disposal

: P501 - 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. VAPOR AND SPRAY MIST HARMFUL. Gives off harmful vapor of solvents and isocyanates. DO NOT USE IF YOU HAVE CHRONIC (LONG-TERM) LUNG OR BREATHING PROBLEMS, OR IF YOU HAVE EVER HAD A REACTION TO ISOCYANATES. USE ONLY WITH ADEQUATE VENTILATION. WHERE OVERSPRAY IS PRESENT, A POSITIVE PRESSURE AIR SUPPLIED RESPIRATOR (NIOSH approved) SHOULD BE WORN TO PREVENT EXPOSURE. IF UNAVAILABLE, AN APPROPRIATE PROPERLY FITTED APPROVED NIOSH VAPOR/PARTICULATE RESPIRATOR MAY BE EFFECTIVE. Follow directions for respirator use. Wear the

Date of issue/Date of revision

: 11/26/2022 Date of previous issue

: 6/15/2022

Version : 12

Section 2. Hazards identification

respirator for the whole time of spraying and until all vapors and mists are gone. If you have any breathing problems during use, LEAVE THE AREA and get fresh air. If problems remain or happen later, IMMEDIATELY call a doctor - If not available get emergency medical treatment. Have this label with you. Reacts with water in closed container to produce pressure which may cause container to burst.

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

Hazards not otherwise classified

: None known.

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Other means of : Not available.

identification

CAS number/other identifiers

Ingredient name	% by weight	CAS number
Hexamethylene Diisocyanate Polymer	≥10 - ≤25	28182-81-2
Methyl Isoamyl Ketone	≥10 - ≤25	110-12-3
Cristobalite, respirable powder	≤10	14464-46-1
Crystalline Silica, respirable powder	≤10	14808-60-7
Cobalt Chromite Green Spinel	≤10	68187-49-5
Chromium Oxide	≤10	1308-38-9
Light Aromatic Hydrocarbons	≤5	64742-95-6
Calcined Diatomaceous Earth	≤5	68855-54-9
trimethylbenzene	≤3	25551-13-7
Magnesium Ferrite	≤3	12068-86-9
n-Butyl Acetate	≤3	123-86-4
1,3,5-Trimethylbenzene	≤1.5	108-67-8
1,2,4-Trimethylbenzene	≤3	95-63-6
Xylene, mixed isomers	<1	1330-20-7
Cumene	<1	98-82-8
1,2,3-Trimethylbenzene	<1	526-73-8
Unsaturated Fatty Acids	≤0.3	85711-46-2
Ethylbenzene	≤0.3	100-41-4
1-[2-(Dimethylamino)ethyl]-4-methylpiperazine	≤0.3	104-19-8

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 necessary first aid measures

Eye contact

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

Inhalation

: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open

Date of issue/Date of revision : 11/26/2022 Date of previous issue : 6/15/2022 Version : 12 3/22

Section 4. First aid measures

airway. Loosen tight clothing such as a collar, tie, belt or waistband. 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.

Skin contact: Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash

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

shoes thoroughly before reuse.

Ingestion: Wash out mouth with water. Remove dentures if any. If material has been swallowed

and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or 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

Potential acute health effects

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.

Over-exposure signs/symptoms

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

Skin contact: Adverse symptoms may include the following:

irritation redness

Ingestion: No specific data.

Indication of immediate medical 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 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.

Date of issue/Date of revision : 11/26/2022 Date of previous issue : 6/15/2022 Version : 12 4/22

Section 4. First aid measures

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing

media

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

Unsuitable extinguishing media

: Do not use water jet.

Specific hazards arising from the chemical

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

Hazardous thermal decomposition products

 Decomposition products may include the following materials: carbon dioxide

carbon dioxide carbon monoxide nitrogen 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.

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 containment and cleaning up

Small spill

: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Date of issue/Date of revision : 11/26/2022 Date of previous issue : 6/15/2022 Version : 12 5/22

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. 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 ingest. 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.

including any incompatibilities

Conditions for safe storage, : 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#	Exposure limits
Hexamethylene Diisocyanate Polymer Methyl Isoamyl Ketone	28182-81-2 110-12-3	None. ACGIH TLV (United States, 1/2022). TWA: 20 ppm 8 hours. TWA: 93 mg/m³ 8 hours. STEL: 50 ppm 15 minutes. STEL: 234 mg/m³ 15 minutes. NIOSH REL (United States, 10/2020). TWA: 50 ppm 10 hours. TWA: 240 mg/m³ 10 hours. OSHA PEL (United States, 5/2018). TWA: 100 ppm 8 hours.

Date of issue/Date of revision

Date of previous issue : 11/26/2022

: 6/15/2022 Version: 12 6/22

SHW-85-NA-GHS-MX

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Cristobalite, respirable powder	14464-46-1	TWA: 475 mg/m³ 8 hours. OSHA PEL Z3 (United States, 6/2016). TWA: 250 mppcf / 2 x (%SiO2+5) 8 hours. Form: Respirable TWA: 10 mg/m³ / 2 x (%SiO2+2) 8 hours. Form: Respirable TWA: 30 mg/m³ / 2 x (%SiO2+2) 8 hours. Form: Total dust OSHA PEL (United States, 5/2018). [Silica, crystalline] TWA: 50 μg/m³ 8 hours. Form: Respirable dust ACGIH TLV (United States, 1/2022). [Silica, crystalline] TWA: 0.025 mg/m³ 8 hours. Form: Respirable fraction NIOSH REL (United States, 10/2020). [SILICA, CRYSTALLINE] TWA: 0.05 mg/m³ 10 hours. Form: respirable dust
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, 1/2022). [Silica, crystalline] TWA: 0.025 mg/m³ 8 hours. Form: Respirable fraction NIOSH REL (United States, 10/2020). [SILICA, CRYSTALLINE] TWA: 0.05 mg/m³ 10 hours. Form: respirable dust
Cobalt Chromite Green Spinel	68187-49-5	ACGIH TLV (United States, 1/2022). [cobalt and inorganic compounds] Skin sensitizer. Inhalation sensitizer. TWA: 0.02 mg/m³, (as Co) 8 hours. NIOSH REL (United States, 10/2020). [chromium (III) compounds] TWA: 0.5 mg/m³, (as CR) 8 hours. OSHA PEL (United States, 5/2018). [Chromium (III) compounds] TWA: 0.5 mg/m³, (as Cr) 8 hours.
Chromium Oxide	1308-38-9	NIOSH REL (United States, 10/2020). [chromium (III) compounds] TWA: 0.5 mg/m³, (as CR) 8 hours. ACGIH TLV (United States, 1/2022). [inorganic chromium III compounds] TWA: 0.003 mg/m³, (measured as Cr) 8 hours. Form: Inhalable fraction OSHA PEL (United States, 5/2018). [Chromium (III) compounds] TWA: 0.5 mg/m³, (as Cr) 8 hours.

Date of issue/Date of revision

: 11/26/2022 Date of previous issue

: 6/15/2022

7/22

SHW-85-NA-GHS-MX

Version: 12

Light Aromatic Hydrocarbons	64742-95-6	None.
Calcined Diatomaceous Earth	68855-54-9	NIOSH REL (United States, 10/2020).
Calcined Diatornaceous Earth	08833-34-9	[SILICA, AMORPHOUS]
		I
trimethylbenzene	25551-13-7	TWA: 6 mg/m³ 10 hours. ACGIH TLV (United States, 1/2022).
timethylbenzene	25551-13-7	· · · · · · · · · · · · · · · · · · ·
		[trimethyl benzene, isomers]
		TWA: 10 ppm 8 hours.
	40000 00 0	TWA: 123 mg/m³ 8 hours.
Magnesium Ferrite	12068-86-9	ACGIH TLV (United States, 1/2022). [Iron
		salts, soluble]
		TWA: 1 mg/m³, (as Fe) 8 hours.
		NIOSH REL (United States, 10/2020). [iron
		salts]
		TWA: 1 mg/m³, (as Fe) 10 hours.
n-Butyl Acetate	123-86-4	NIOSH REL (United States, 10/2020).
		TWA: 150 ppm 10 hours.
		TWA: 710 mg/m³ 10 hours.
		STEL: 200 ppm 15 minutes.
		STEL: 950 mg/m³ 15 minutes.
		OSHA PEL (United States, 5/2018).
		TWA: 150 ppm 8 hours.
		TWA: 710 mg/m³ 8 hours.
		ACGIH TLV (United States, 1/2022). [Butyl
		acetates]
		STEL: 150 ppm 15 minutes.
		TWA: 50 ppm 8 hours.
1,3,5-Trimethylbenzene	108-67-8	ACGIH TLV (United States, 1/2022).
1,0,0 11	1.00 0.0	[trimethyl benzene, isomers]
		TWA: 10 ppm 8 hours.
		TWA: 123 mg/m³ 8 hours.
		NIOSH REL (United States, 10/2020).
		TWA: 25 ppm 10 hours.
		TWA: 25 ppm 10 flours.
1,2,4-Trimethylbenzene	95-63-6	NIOSH REL (United States, 10/2020).
1,2,4-1111116thylberizerie	35-05-0	TWA: 25 ppm 10 hours.
		TWA: 25 ppm 10 hours. TWA: 125 mg/m³ 10 hours.
		ACGIH TLV (United States, 1/2022).
		TWA: 10 ppm 8 hours.
Vulana miyad inamara	1330-20-7	• •
Xylene, mixed isomers	1330-20-7	ACGIH TLV (United States, 1/2022). [xylene]
		TWA: 20 ppm 8 hours.
		TWA: 434 mg/m³ 8 hours.
		STEL: 651 mg/m³ 15 minutes.
		OSHA PEL (United States, 5/2018).
		[Xylenes]
		TWA: 100 ppm 8 hours.
		TWA: 435 mg/m³ 8 hours.
Cumene	98-82-8	ACGIH TLV (United States, 1/2022).
		TWA: 5 ppm 8 hours.
		NIOSH REL (United States, 10/2020).
		Absorbed through skin.
		TWA: 50 ppm 10 hours.
		TWA: 245 mg/m³ 10 hours.
		OSHA PEL (United States, 5/2018).
		Absorbed through skin.
		TWA: 50 ppm 8 hours.
		TWA: 245 mg/m³ 8 hours.
1,2,3-Trimethylbenzene	526-73-8	ACGIH TLV (United States, 1/2022).
	<u> </u>	1

Date of issue/Date of revision

: 11/26/2022 Date of previous issue

: 6/15/2022

Version : 12

SHW-85-NA-GHS-MX

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		[trimethyl benzene, isomers] TWA: 10 ppm 8 hours. TWA: 123 mg/m³ 8 hours. NIOSH REL (United States, 10/2020). TWA: 25 ppm 10 hours. TWA: 125 mg/m³ 10 hours.
Unsaturated Fatty Acids Ethylbenzene	85711-46-2 100-41-4	None. ACGIH TLV (United States, 1/2022). Ototoxicant. TWA: 20 ppm 8 hours. NIOSH REL (United States, 10/2020). TWA: 100 ppm 10 hours. TWA: 435 mg/m³ 10 hours. STEL: 125 ppm 15 minutes. STEL: 545 mg/m³ 15 minutes. OSHA PEL (United States, 5/2018). TWA: 100 ppm 8 hours. TWA: 435 mg/m³ 8 hours.
1-[2-(Dimethylamino)ethyl]-4-methylpiperazine	104-19-8	None.

Occupational exposure limits (Canada)

Ingredient name	CAS#	Exposure limits
Hexamethylene Diisocyanate Polymer	28182-81-2	CA Quebec Provincial (Canada, 6/2021). [Isocyanate oligomers] Skin sensitizer.
Methyl isoamyl ketone	110-12-3	CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 50 ppm 8 hours. 8 hrs OEL: 234 mg/m³ 8 hours. CA British Columbia Provincial (Canada, 3/2022). TWA: 20 ppm 8 hours. STEL: 50 ppm 15 minutes. CA Ontario Provincial (Canada, 6/2019). TWA: 20 ppm 8 hours. STEL: 50 ppm 15 minutes. CA Quebec Provincial (Canada, 6/2021). TWAEV: 50 ppm 8 hours. TWAEV: 234 mg/m³ 8 hours. CA Saskatchewan Provincial (Canada, 7/2013). STEL: 60 ppm 15 minutes. TWA: 50 ppm 8 hours.
Cristobalite	14464-46-1	CA British Columbia Provincial (Canada, 3/2022). [Silica, Crystalline - alpha quartz and Cristobalite] TWA: 0.025 mg/m³ 8 hours. Form: Respirable CA Quebec Provincial (Canada, 6/2021). TWAEV: 0.05 mg/m³ 8 hours. Form: Respirable dust. CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 0.025 mg/m³ 8 hours. Form: Respirable particulate CA Ontario Provincial (Canada, 6/2019). TWA: 0.05 mg/m³ 8 hours. Form: Respirable particulate matter. CA Saskatchewan Provincial (Canada,

Section 8. Exposure co	iili ois/personai pro	
		7/2013). TWA: 0.05 mg/m³ 8 hours. Form: respirable fraction
Quartz	14808-60-7	CA British Columbia Provincial (Canada, 3/2022). [Silica, Crystalline - alpha quartz and Cristobalite] TWA: 0.025 mg/m³ 8 hours. Form: Respirable CA Quebec Provincial (Canada, 6/2021). [Silica Crystalline -Quartz] TWAEV: 0.1 mg/m³ 8 hours. Form: Respirable dust. CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 0.025 mg/m³ 8 hours. Form: Respirable particulate CA Ontario Provincial (Canada, 6/2019). [Silica, Crystalline (Quartz/Tripoli)] TWA: 0.1 mg/m³ 8 hours. Form: Respirable particulate matter. CA Saskatchewan Provincial (Canada, 7/2013). TWA: 0.05 mg/m³ 8 hours. Form: respirable fraction
Trimethylbenzene	25551-13-7	CA Alberta Provincial (Canada, 6/2018). [Trimethyl benzene] 8 hrs OEL: 123 mg/m³ 8 hours. 8 hrs OEL: 25 ppm 8 hours. CA British Columbia Provincial (Canada, 3/2022). [Trimethyl benzene (mixed isomers)] TWA: 25 ppm 8 hours. CA Quebec Provincial (Canada, 6/2021). [Trimethyl benzene] Skin sensitizer. TWAEV: 25 ppm 8 hours. CA Ontario Provincial (Canada, 6/2019). [Trimethyl benzene (mixed isomers)] TWA: 25 ppm 8 hours. CA Saskatchewan Provincial (Canada, 7/2013). [Trimethyl benzene] STEL: 30 ppm 15 minutes.
n-butyl acetate	123-86-4	TWA: 25 ppm 8 hours. CA Alberta Provincial (Canada, 6/2018). 15 min OEL: 200 ppm 15 minutes. 15 min OEL: 950 mg/m³ 15 minutes. 8 hrs OEL: 150 ppm 8 hours. 8 hrs OEL: 713 mg/m³ 8 hours. CA Saskatchewan Provincial (Canada, 7/2013). STEL: 200 ppm 15 minutes. TWA: 150 ppm 8 hours. CA Ontario Provincial (Canada, 6/2019). [butyl acetates, all isomers] STEL: 150 ppm 15 minutes. TWA: 50 ppm 8 hours. CA British Columbia Provincial (Canada,

Date of issue/Date of revision : 11/26/2022 Date of previous issue : 6/15/2022 Version : 12 10/22

3/2022). [butyl acetate, all isomers] STEL: 150 ppm 15 minutes.

Section 6. Exposure controls/personal protection				
	400.67.2	TWA: 50 ppm 8 hours. CA Quebec Provincial (Canada, 6/2021). [butyl acetates] STEV: 150 ppm 15 minutes. TWAEV: 50 ppm 8 hours.		
Mesitylene	108-67-8	CA Alberta Provincial (Canada, 6/2018). [Trimethyl benzene] 8 hrs OEL: 123 mg/m³ 8 hours. 8 hrs OEL: 25 ppm 8 hours. CA British Columbia Provincial (Canada, 3/2022). [Trimethyl benzene (mixed isomers)] TWA: 25 ppm 8 hours. CA Quebec Provincial (Canada, 6/2021). [Trimethyl benzene] Skin sensitizer. TWAEV: 25 ppm 8 hours. CA Ontario Provincial (Canada, 6/2019). [Trimethyl benzene (mixed isomers)] TWA: 25 ppm 8 hours. CA Saskatchewan Provincial (Canada, 7/2013). [Trimethyl benzene] STEL: 30 ppm 15 minutes. TWA: 25 ppm 8 hours.		
1,2,4-Trimethylbenzene	95-63-6	CA Alberta Provincial (Canada, 6/2018). [Trimethyl benzene] 8 hrs OEL: 123 mg/m³ 8 hours. 8 hrs OEL: 25 ppm 8 hours. CA British Columbia Provincial (Canada, 3/2022). [Trimethyl benzene (mixed isomers)] TWA: 25 ppm 8 hours. CA Quebec Provincial (Canada, 6/2021). [Trimethyl benzene] Skin sensitizer. TWAEV: 25 ppm 8 hours. CA Ontario Provincial (Canada, 6/2019). [Trimethyl benzene (mixed isomers)] TWA: 25 ppm 8 hours. CA Saskatchewan Provincial (Canada, 7/2013). [Trimethyl benzene] STEL: 30 ppm 15 minutes. TWA: 25 ppm 8 hours.		
Xylene	1330-20-7	CA Alberta Provincial (Canada, 6/2018). [Dimethylbenzene] 8 hrs OEL: 100 ppm 8 hours. 15 min OEL: 651 mg/m³ 15 minutes. 15 min OEL: 150 ppm 15 minutes. 8 hrs OEL: 434 mg/m³ 8 hours. CA British Columbia Provincial (Canada, 3/2022). [Xylene (o, m & p isomers)] TWA: 100 ppm 8 hours. STEL: 150 ppm 15 minutes. CA Quebec Provincial (Canada, 6/2021). [Xylene] TWAEV: 100 ppm 8 hours. TWAEV: 434 mg/m³ 8 hours. STEV: 150 ppm 15 minutes. STEV: 651 mg/m³ 15 minutes.		

Date of issue/Date of revision

: 11/26/2022 Date of previous issue

: 6/15/2022

Version : 12

		CA Ontario Provincial (Canada, 6/2019). [Xylene (o-, m-, p-isomers)] STEL: 150 ppm 15 minutes. TWA: 100 ppm 8 hours. CA Saskatchewan Provincial (Canada, 7/2013). [Xylene] STEL: 150 ppm 15 minutes. TWA: 100 ppm 8 hours.
Cumene	98-82-8	CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 50 ppm 8 hours. 8 hrs OEL: 246 mg/m³ 8 hours. CA British Columbia Provincial (Canada, 3/2022). TWA: 25 ppm 8 hours. STEL: 75 ppm 15 minutes. CA Ontario Provincial (Canada, 6/2019). TWA: 50 ppm 8 hours. CA Quebec Provincial (Canada, 6/2021). TWAEV: 50 ppm 8 hours. TWAEV: 246 mg/m³ 8 hours. CA Saskatchewan Provincial (Canada, 7/2013). STEL: 74 ppm 15 minutes. TWA: 50 ppm 8 hours.
Ethylbenzene	100-41-4	CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 100 ppm 8 hours. 8 hrs OEL: 434 mg/m³ 8 hours. 15 min OEL: 543 mg/m³ 15 minutes. 15 min OEL: 125 ppm 15 minutes. CA British Columbia Provincial (Canada, 3/2022). TWA: 20 ppm 8 hours. CA Ontario Provincial (Canada, 6/2019). TWA: 20 ppm 8 hours. CA Quebec Provincial (Canada, 6/2021). TWAEV: 20 ppm 8 hours. CA Saskatchewan Provincial (Canada, 7/2013). STEL: 125 ppm 15 minutes. TWA: 100 ppm 8 hours.

Occupational exposure limits (Mexico)

Ingredient name	CAS # Exposure limits		
Methyl Isoamyl Ketone	110-12-3	NOM-010-STPS-2014 (Mexico, 4/2016). TWA: 20 ppm 8 hours.	
Cristobalite, respirable powder	14464-46-1	NOM-010-STPS-2014 (Mexico, 4/2016). TWA: 0.025 mg/m³ 8 hours. Form: Respirable fraction	
Crystalline Silica, respirable powder	14808-60-7	NOM-010-STPS-2014 (Mexico, 4/2016). TWA: 0.025 mg/m³ 8 hours. Form: Respirable fraction	
trimethylbenzene	25551-13-7	NOM-010-STPS-2014 (Mexico, 4/2016). [Trimethyl benzene, mixed isomers] TWA: 25 ppm 8 hours.	
n-Butyl Acetate	123-86-4	NOM-010-STPS-2014 (Mexico, 4/2016). TWA: 150 ppm 8 hours.	

Date of issue/Date of revision

: 11/26/2022 Date of previous issue

: 6/15/2022

Version :12

1,3,5-Trimethylbenzene	108-67-8	STEL: 200 ppm 15 minutes. NOM-010-STPS-2014 (Mexico, 4/2016). [Trimethyl benzene, mixed isomers]
1,2,4-Trimethylbenzene	95-63-6	TWA: 25 ppm 8 hours. NOM-010-STPS-2014 (Mexico, 4/2016). [Trimethyl benzene, mixed isomers] TWA: 25 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 measures

Hygiene measures

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

Eye/face protection

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: 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 antistatic protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

Other skin protection

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

Respiratory protection

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

Date of issue/Date of revision

: 11/26/2022 Date of previous issue

: 6/15/2022

Version : 12

Section 9. Physical and chemical properties

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

Appearance

Flash point

Physical state : Liquid.

Color : Not available. : Not available. Odor : Not available. **Odor threshold** Ha : Not applicable. **Melting point/freezing point** : Not available.

Boiling point, initial boiling point, and boiling range

: Closed cup: 36°C (96.8°F) [Pensky-Martens Closed Cup]

Evaporation rate : 1 (butyl acetate = 1)

Flammability : Not available. Lower and upper explosion : Lower: 0.7% Upper: 8.2% limit/flammability limit

: 1.3 kPa (10 mm Hg) Vapor pressure

Relative vapor density : 3.9 [Air = 1] **Relative density** 1.29

Solubility(ies)

Not available.

Partition coefficient: n-

octanol/water

: Not applicable.

: 123°C (253.4°F)

Auto-ignition temperature : Not available. **Decomposition temperature** : Not available.

Kinematic (40°C (104°F)): >20.5 mm²/s (>20.5 cSt) **Viscosity**

Molecular weight Not applicable.

Aerosol product

Heat of combustion : 11.968 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.

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

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

not be produced.

Date of issue/Date of revision : 11/26/2022 : 6/15/2022 Version: 12 14/22 Date of previous issue

F93G0S105 MIL-DTL-53039C T1 MOISTURE CURE SILICA TOPCOAT 1K F93G0S105 ALIPHATIC POLYURETHANE 3.5 VOC HAPS FREE GREEN 383 34094 Q1820 SHW-85-NA-GHS-MX

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Hexamethylene Diisocyanate Polymer	LC50 Inhalation Dusts and mists	Rat	18500 mg/m³	1 hours
Methyl Isoamyl Ketone	LD50 Oral	Rat	3200 mg/kg	-
Light Aromatic Hydrocarbons	LD50 Oral	Rat	8400 mg/kg	-
trimethylbenzene	LD50 Oral	Rat	8970 mg/kg	-
n-Butyl Acetate	LD50 Dermal	Rabbit	>17600 mg/kg	-
	LD50 Oral	Rat	10768 mg/kg	-
1,3,5-Trimethylbenzene	LC50 Inhalation Vapor	Rat	24000 mg/m ³	4 hours
-	LD50 Oral	Rat	5000 mg/kg	-
1,2,4-Trimethylbenzene	LC50 Inhalation Vapor	Rat	18000 mg/m ³	4 hours
-	LD50 Oral	Rat	5 g/kg	-
Xylene, mixed isomers	LC50 Inhalation Gas.	Rat	6700 ppm	4 hours
	LD50 Oral	Rat	4300 mg/kg	-
Cumene	LC50 Inhalation Vapor	Rat	39000 mg/m ³	4 hours
	LD50 Oral	Rat	1400 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
Hexamethylene Diisocyanate Polymer	Eyes - Moderate irritant	Rabbit	-	100 mg	-
-	Skin - Moderate irritant	Rabbit	-	500 mg	-
Methyl Isoamyl Ketone	Eyes - Mild irritant	Rabbit	-	24 hours 100 uL	-
Light Aromatic Hydrocarbons	Eyes - Mild irritant	Rabbit	-	24 hours 100 uL	-
trimethylbenzene	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500	-
n-Butyl Acetate	Eyes - Moderate irritant	Rabbit	_	mg 100 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	-
		D		mg	
Xylene, mixed isomers	Eyes - Mild irritant	Rabbit	-	87 mg	-
	Eyes - Severe irritant	Rabbit	-	24 hours 5 mg	-
	Skin - Mild irritant	Rat	-	8 hours 60 uL	-
	Skin - Moderate irritant	Rabbit	-	100 %	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500 mg	-
Cumene	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Eyes - Mild irritant	Rabbit	_	86 mg	_
	Skin - Mild irritant	Rabbit	_	24 hours 10	_
		1.15.2.1		mg	
	Skin - Moderate irritant	Rabbit	-	24 hours 100	-
Ethylbenzene	Eyes - Severe irritant	Rabbit	_	mg 500 mg	
Luiyibelizelle	Skin - Mild irritant	Rabbit		24 hours 15	
	OKIII - WIIIU IITILATIL	Ivannir	-	24 Hours 13	-

Date of issue/Date of revision

: 11/26/2022 Date of previous issue

: 6/15/2022

Version : 12

1-[2-(Dimethylamino)ethyl]	Eyes - Severe irritant	Rabbit	-	mg 24 hours 750	-	
-4-methylpiperazine	Skin - Severe irritant	Rabbit	-	ug 24 hours 5	-	
				mg		

Sensitization

Not available.

Mutagenicity

Not available.

Carcinogenicity

Not available.

Classification

Product/ingredient name	OSHA	IARC	NTP
Cristobalite, respirable powder	-	1	Known to be a human carcinogen.
Crystalline Silica, respirable powder	-	1	Known to be a human carcinogen.
Cobalt Chromite Green Spinel	-	2B	Reasonably anticipated to be a human carcinogen.
Chromium Oxide	-	3	-
Calcined Diatomaceous Earth	-	3	-
Xylene, mixed isomers	-	3	-
Cumene	-	2B	Reasonably anticipated to be a human carcinogen.
Ethylbenzene	-	2B	-

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
Hexamethylene Diisocyanate Polymer	Category 3	-	Respiratory tract irritation
Methyl Isoamyl Ketone	Category 3	-	Respiratory tract irritation
	Category 3		Narcotic effects
Light Aromatic Hydrocarbons	Category 3	-	Respiratory tract irritation
	Category 3		Narcotic effects
n-Butyl Acetate	Category 3	-	Narcotic effects
1,3,5-Trimethylbenzene	Category 3	-	Respiratory tract irritation
1,2,4-Trimethylbenzene	Category 3	-	Respiratory tract irritation
Xylene, mixed isomers	Category 3	-	Respiratory tract irritation
Cumene	Category 3	-	Respiratory tract
1,2,3-Trimethylbenzene	Category 3 Category 3	-	Narcotic effects Respiratory tract irritation

Date of issue/Date of revision

: 11/26/2022 Date of previous issue

: 6/15/2022

Version : 12

16/22

F93G0S105 MIL-DTL-53039C T1 MOISTURE CURE SILICA TOPCOAT 1K ALIPHATIC POLYURETHANE 3.5 VOC HAPS FREE GREEN 383 34094 Q1820

Ethylbenzene	Category 3	-	Respiratory tract
			irritation
	Category 3		Narcotic effects

Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
Methyl Isoamyl Ketone	Category 2	-	-
Cristobalite, respirable powder	Category 1	inhalation	respiratory tract
Crystalline Silica, respirable powder	Category 1	inhalation	-
Light Aromatic Hydrocarbons	Category 2	-	-
Xylene, mixed isomers	Category 2	-	-
Cumene	Category 2	-	-
Ethylbenzene	Category 2	-	-

Aspiration hazard

Name	Result
Light Aromatic Hydrocarbons	ASPIRATION HAZARD - Category 1
trimethylbenzene	ASPIRATION HAZARD - Category 1
1,3,5-Trimethylbenzene	ASPIRATION HAZARD - Category 1
1,2,4-Trimethylbenzene	ASPIRATION HAZARD - Category 1
Xylene, mixed isomers	ASPIRATION HAZARD - Category 1
Cumene	ASPIRATION HAZARD - Category 1
1,2,3-Trimethylbenzene	ASPIRATION HAZARD - Category 1
Ethylbenzene	ASPIRATION HAZARD - Category 1

Information on the likely

routes of exposure

: Not available.

Potential acute health effects

Eye contact : 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.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : Adverse symptoms may include the following:

pain or irritation watering redness

Inhalation : Adverse symptoms may include the following:

respiratory tract irritation

coughing

nausea or vomiting

headache

drowsiness/fatigue dizziness/vertigo unconsciousness

Skin contact: Adverse symptoms may include the following:

irritation redness

Ingestion: No specific data.

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

Date of issue/Date of revision : 11/26/2022 Date of previous issue : 6/15/2022 Version : 12 17/22

Short term exposure

Potential immediate

effects

Potential delayed effects

: Not available.

: Not available.

Long term exposure

Potential immediate

: Not available.

effects

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: No known significant effects or critical hazards.Developmental effects: No known significant effects or critical hazards.Fertility effects: No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Route	ATE value
Oral	7766.3 mg/kg
Inhalation (vapors)	233.23 mg/l
Inhalation (dusts and mists)	12.87 mg/l

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
Methyl Isoamyl Ketone	Acute LC50 159000 μg/l Fresh water	Fish - Pimephales promelas	96 hours
trimethylbenzene	Acute LC50 5600 μg/l Marine water	Crustaceans - Palaemonetes pugio	48 hours
n-Butyl Acetate	Acute LC50 32 mg/l Marine water	Crustaceans - Artemia salina	48 hours
	Acute LC50 18000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
1,3,5-Trimethylbenzene	Acute LC50 13000 μg/l Marine water	Crustaceans - Cancer magister - Zoea	48 hours
	Acute LC50 12520 µg/l Fresh water	Fish - Carassius auratus	96 hours
	Chronic NOEC 0.4 mg/l Fresh water	Daphnia - Daphnia magna	21 days
1,2,4-Trimethylbenzene	Acute LC50 4910 μg/l Marine water	Crustaceans - Elasmopus pectenicrus - Adult	48 hours
	Acute LC50 7720 µg/l Fresh water	Fish - Pimephales promelas	96 hours
Xylene, mixed isomers	Acute LC50 8500 µg/l Marine water	Crustaceans - Palaemonetes pugio	48 hours
	Acute LC50 13400 μg/l Fresh water	Fish - Pimephales promelas	96 hours
Cumene	Acute EC50 7.4 mg/l Marine water	Crustaceans - Artemia sp Nauplii	48 hours
	Acute EC50 10.6 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 2700 μg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours

Date of issue/Date of revision

: 11/26/2022 Date of previous issue

: 6/15/2022

Version : 12

18/22

F93G0S105 MIL-DTL-53039C T1 MOISTURE CURE SILICA TOPCOAT 1K ALIPHATIC POLYURETHANE 3.5 VOC HAPS FREE GREEN 383 34094 Q1820 SHW-85-NA-GHS-MX

Section 12. Ecological information						
Ethylbenzene	Acute EC50 4900 μg/l Marine water	Algae - Skeletonema costatum	72 hours			
•	Acute EC50 7700 µg/l Marine water	Algae - Skeletonema costatum	96 hours			
	Acute EC50 6.53 mg/l Marine water	Crustaceans - Artemia sp Nauplii	48 hours			
	Acute EC50 2.93 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours			
	Acute LC50 4200 μg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours			

Persistence and degradability

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

Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
Hexamethylene Diisocyanate	-	367.7	low
Polymer			
Light Aromatic Hydrocarbons	-	10 to 2500	high
1,3,5-Trimethylbenzene	-	161	low
1,2,4-Trimethylbenzene	-	243	low
Xylene, mixed isomers	-	8.1 to 25.9	low
Cumene	-	35.48	low
1,2,3-Trimethylbenzene	-	194.98	low

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

F93G0S105

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.

Date of issue/Date of revision : 11/26/2022 Date of previous issue : 6/15/2022 Version : 12 19/22

Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	IATA	IMDG
UN number	UN1263	UN1263	UN1263	UN1263	UN1263
UN proper shipping name	PAINT	PAINT	PAINT	PAINT	PAINT
Transport hazard class(es)	3	3	3	3	3
Packing group	III	III	III	III	III
Environmental hazards	No.	No.	No.	No.	No.
Additional information	-		-	-	Emergency schedules F-E, S- E
	ERG No.	ERG No.	ERG No.		
	128	128	128		

Special precautions for user :

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

Transport in bulk according: Not available. to IMO instruments

Proper shipping name

: Not available.

Section 15. Regulatory information

International regulations **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.

Date of issue/Date of revision

: 11/26/2022 Date of previous issue : 6/15/2022

Version: 12

20/22

F93G0S105 MIL-DTL-53039C T1 MOISTURE CURE SILICA TOPCOAT 1K ALIPHATIC POLYURETHANE 3.5 VOC HAPS FREE GREEN 383 34094 Q1820 SHW-85-NA-GHS-MX

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 3	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	
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	
SPEČIFÍC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1	Calculation method	

History

Date of printing : 11/26/2022 Date of issue/Date of : 11/26/2022

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Date of previous issue : 6/15/2022

Version 12

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

Date of issue/Date of revision : 6/15/2022 Version: 12 21/22 : 11/26/2022 Date of previous issue

Section 16. Other information

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/buver/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.

Version: 12