SAFETY DATA SHEET



Conforms to Official Mexican Standard NOM-018-STPS-2015

Date of revision 23 February 2023

Version 3

Date of issue 23 February 2023

SECTION 1: Identification of the substance/mixture and of the company/undertaking

| Product name | : DIMETCOTE 9 LIQUID (CANADA) |
|---|---|
| Product code | : 00335625 |
| Other means of identification | : Not applicable. |
| Product type | : Liquid. |
| Relevant identified uses o | f the substance or mixture and uses advised against |
| Product use | : Industrial applications, Used by spraying. |
| Use of the substance/ mixture | : Coating. |
| Uses advised against | : Not applicable. |
| Manufacturer | : PPG Industries, Inc. One PPG Place Pittsburgh, PA 15272 |
| <u>Emergency telephone</u> <u>number</u> | (412) 434-4515 (U.S.) (514) 645-1320 (Canada) SETIQ Interior de la República: 800-00-214-00 (México) SETIQ Ciudad de México: (55) 5559-1588 (México) |
| Technical Phone Number | : 888-977-4762 |

SECTION 2: Hazards identification

| Classification of the | : FLAMMABLE LIQUIDS - Category 2 |
|-----------------------|---|
| substance or mixture | SKIN IRRITATION - Category 3 |
| | EYE IRRITATION - Category 2A |
| | CARCINOGENICITY - Category 1A |
| | TOXIC TO REPRODUCTION - Category 2 |
| | SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3 |
| | SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2 Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 3% (oral), 37.3% (dermal), 1.6% (inhalation) |
| GHS label elements | |
| Hazard pictograms | |
| | |

Product name DIMETCOTE 9 LIQUID (CANADA)

SECTION 2: Hazards identification

| Signal word | : Danger | |
|---|--|--|
| Hazard statements | | |
| Hazard statements | H225 - Highly flammable liquid and vapor. H316 - Causes mild skin irritation. | |
| | H319 - Causes serious eye irritation. | |
| | H336 - May cause drowsiness or dizziness. | |
| | H350 - May cause cancer. | |
| | H361 - Suspected of damaging fertility or the unborn child. | |
| | H373 - May cause damage to organs through prolonged or repeated exposure. | |
| 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. P271 - Use only outdoors or in a well-ventilated area. | |
| | P260 - Do not breathe vapor. | |
| | P264 - Wash thoroughly after handling. | |
| Response | : ₽ 308 + P313 - IF exposed or concerned: Get medical advice or attention. | |
| Response | 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. P332 + P313 - If skin irritation 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. | |
| 0. | P337 + P313 - If eye irritation persists: Get medical advice or attention. | |
| Storage | ₽405 - Store locked up. P403 + P233 - Store in a well-ventilated place. Keep container tightly closed. | |
| Disposal | : P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations. | |
| Other hazards which do not result in classification | : Sanding and grinding dusts may be harmful if inhaled. Prolonged or repeated contact may dry skin and cause irritation. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapor/aerosol concentrations above the recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. Emits toxic fumes when heated. | |
| See toxicological information | | |

See toxicological information (Section 11)

SECTION 3: Composition/information on ingredients

| Substance/mixture Product name | | Mixture DIMETCOTE 9 LIQUID (CANADA) |
|-----------------------------------|---|--|
| Other means of identification | : | Not applicable. |

Product name DIMETCOTE 9 LIQUID (CANADA)

SECTION 3: Composition/information on ingredients

| Ingredient name | % | CAS number |
|---|-------------|------------|
| sopropyl alcohol | ≥20 - ≤50 | 67-63-0 |
| Silicic acid, ethyl ester | ≥20 - ≤50 | 11099-06-2 |
| Kaolin | ≥10 - ≤20 | 1332-58-7 |
| 1-methoxy-2-propanol | ≥5.0 - ≤10 | 107-98-2 |
| tetraethyl silicate | ≥5.0 - ≤10 | 78-10-4 |
| toluene | ≥1.0 - ≤5.0 | 108-88-3 |
| Mica-group minerals | ≥1.0 - ≤5.0 | 12001-26-2 |
| crystalline silica, respirable powder (<10 microns) | <1.0 | 14808-60-7 |

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

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment 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 | : Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice. |
|--------------|--|
| Inhalation | Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. |
| Skin contact | Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners. |
| Ingestion | If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do NOT induce vomiting. |

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. |
| Skin contact | : Causes mild skin irritation. Defatting to the skin. |
| Ingestion | : Can cause central nervous system (CNS) depression. |

Over-exposure signs/symptoms

See toxicological information (Section 11)

| Indication of immediate medical attention and special treatment needed, if necessary | | | |
|--|---|---|--|
| Notes to physician | ; | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. | |
| Specific treatments | 1 | 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. | |

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Product name DIMETCOTE 9 LIQUID (CANADA)

SECTION 5: Firefighting measures

| 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. |
| Hazardous thermal decomposition products | : Decomposition products may include the following materials: carbon 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 : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from personnel 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". : Avoid dispersal of spilled material and runoff and contact with soil, waterways, **Environmental precautions** 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 : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and Small spill 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. Stop leak if without risk. Move containers from spill area. Use spark-proof tools and Large spill 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 noncombustible, 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.

Product name DIMETCOTE 9 LIQUID (CANADA)

SECTION 7: Handling and storage

| Precautions for safe handling | 1 | |
|--|---|---|
| Protective measures | : | Put on appropriate personal protective equipment (see Section 8). 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 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. |
| Special precautions | : | Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Vapors are heavier than air and may spread along floors. If this material is part of a multiple component system, read the Safety Data Sheet(s) for the other component or components before blending as the resulting mixture may have the hazards of all of its parts. |
| 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 | : | Do not store above the following temperature: 50°C (122°F). 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. |

SECTION 8: Exposure controls/personal protection

Control parameters

Occupational exposure limits

| Ingredient name | Exposure limits |
|---------------------------|---|
| sopropyl alcohol | NOM-010-STPS-2014 (Mexico, 4/2016). STEL: 400 ppm 15 minutes. |
| | TWA: 200 ppm 8 hours. |
| Silicic acid, ethyl ester | None. |
| Kaolin | NOM-010-STPS-2014 (Mexico, 4/2016). |
| | TWA: 2 mg/m ³ 8 hours. Form: Respirable |
| | fraction |
| 1-methoxy-2-propanol | NOM-010-STPS-2014 (Mexico, 4/2016). |
| | STEL: 150 ppm 15 minutes. |
| | TWA: 100 ppm 8 hours. |
| tetraethyl silicate | NOM-010-STPS-2014 (Mexico, 4/2016). |
| | TWA: 10 ppm 8 hours. |
| toluene | NOM-010-STPS-2014 (Mexico, 4/2016). |
| | TWA: 20 ppm 8 hours. |
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Product name DIMETCOTE 9 LIQUID (CANADA)

SECTION 8: Exposure controls/personal protection

| Mica-group minerals | | | NOM-010-STPS-2014 (Mexico, 4/2016). | |
|--|----|---|--|--|
| | | | TWA: 3 mg/m ³ 8 hours. Form: Respirable fraction | |
| crystalline silica, respirable powder (<10 microns) | | | NOM-010-STPS-2014 (Mexico, 4/2016). TWA: 0.025 mg/m³ 8 hours. Form: Respirable | |
| | | Key to abbreviations | | |
| C= Ceiling LimitSTELIPEL= Internal Permissible Exposure LimitTLV | | | Short term exposure limit Threshold Limit Value Time Weighted Average | |
| Consult local authorities for | ac | cceptable exposure limits. | | |
| Recommended monitoring procedures | : | : Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required. | | |
| Appropriate engineering controls | : | Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment. | | |
| Environmental exposure controls | : | Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. | | |
| Individual protection measure | es | | | |
| Hygiene measures | : | eating, smoking and using the lavator Appropriate techniques should be use | bughly after handling chemical products, before y and at the end of the working period. ed to remove potentially contaminated clothing. eusing. Ensure that eyewash stations and station location. | |
| Eye/face protection | : | Chemical splash goggles. | | |
| Skin protection | | | | |
| Hand protection | : | be worn at all times when handling ch this is necessary. Considering the pa check during use that the gloves are should be noted that the time to break | s complying with an approved standard should nemical products if a risk assessment indicates arameters specified by the glove manufacturer, still retaining their protective properties. It withrough for any glove material may be arers. In the case of mixtures, consisting of the of the gloves cannot be accurately | |
| Gloves | : | For prolonged or repeated handling, u | use the following type of gloves: | |
| | | Recommended: nitrile rubber, butyl ru | ıbber | |
| Body protection | : | being performed and the risks involve | | |
| Other skin protection | : | | nal skin protection measures should be formed and the risks involved and should be ing this product. | |
| | | | Mexico Page: 6/14 | |

Product name DIMETCOTE 9 LIQUID (CANADA)

SECTION 8: Exposure controls/personal protection

| Respiratory protection | : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. |
|------------------------|--|
|------------------------|--|

SECTION 9: Physical and chemical properties

| <u>Appearance</u> | | | | |
|--|---|---|--|--|
| Physical state | 1 | Liquid. | | |
| Color | 1 | ot available. | | |
| Odor | : | Characteristic. | | |
| Odor threshold | : | Not available. | | |
| Molecular weight | 4 | Not applicable. | | |
| рН | ÷ | Not applicable. | | |
| Melting point | 1 | Not available. | | |
| Boiling point | 1 | >37.78°C (>100°F) | | |
| Flash point | 1 | Closed cup: 15.56°C (60°F) | | |
| Auto-ignition temperature | : | Not available. | | |
| Decomposition temperature | | Not available. | | |
| Flammability | ÷ | Not available. | | |
| Lower and upper explosive (flammable) limits | 1 | Not available. | | |
| Evaporation rate | 1 | 2.54 (butyl acetate = 1) | | |
| Vapor pressure | : | ¼ ′kPa (30.3 mm Hg) | | |
| Vapor density | : | Not available. | | |
| Relative density | : | 1.03 | | |
| Density(lbs / gal) | : | 8.6 | | |
| | | Media Result | | |
| Solubility(ies) | 1 | old water Not soluble | | |
| Solubility in water | : | 55.4 g/l | | |
| Partition coefficient: n- octanol/water | : | Not applicable. | | |
| Viscosity | 1 | Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt) | | |
| Volatility | 1 | 75% (v/v), 60.124% (w/w) | | |
| % Solid. (w/w) | 1 | 39.876 | | |

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. |

Product name DIMETCOTE 9 LIQUID (CANADA)

SECTION 10: Stability and reactivity

| Conditions to avoid | : | When exposed to high temperatures may produce hazardous decomposition products. Refer to protective measures listed in sections 7 and 8. |
|----------------------------------|---|---|
| Incompatible materials | : | Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids. |
| Hazardous decomposition products | : | Depending on conditions, decomposition products may include the following materials carbon oxides metal oxide/oxides |

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Carcinogenicity

Classification

Conclusion/Summary

| Product/ingredient name | Result | Species | Dose | Exposure |
|---------------------------|----------------------------------|------------------|-------------------------|----------|
| sopropyl alcohol | LC50 Inhalation Vapor | Rat | 72600 mg/m ³ | 4 hours |
| | LD50 Dermal | Rabbit | 12800 mg/kg | - |
| | LD50 Oral | Rat | 5045 mg/kg | - |
| Silicic acid, ethyl ester | LD50 Oral | Rat | 6270 mg/kg | - |
| Kaolin | LC50 Inhalation Dusts and mists | Rat | >5.07 mg/l | 4 hours |
| | LD50 Oral | Rat | >5000 mg/kg | - |
| 1-methoxy-2-propanol | LC50 Inhalation Vapor | Rat | >7000 ppm | 6 hours |
| | LD50 Dermal | Rabbit | 13 g/kg | - |
| | LD50 Oral | Rat | 5.2 g/kg | - |
| tetraethyl silicate | LC50 Inhalation Dusts and mists | Rat | 10 to 16 mg/l | 4 hours |
| | LD50 Dermal | Rabbit | 5.878 g/kg | - |
| | LD50 Oral | Rat | 6270 mg/kg | - |
| toluene | LC50 Inhalation Vapor | Rat | 49 g/m³ | 4 hours |
| | LD50 Dermal | Rabbit | 8.39 g/kg | - |
| | LD50 Oral | Rat | 5580 mg/kg | - |
| Conclusion/Summary | : There are no data available on | the mixture itse | elf. | |
| rritation/Corrosion | | | | |
| Conclusion/Summary | | | | |
| Skin | : There are no data available on | the mixture itse | elf. | |
| Eyes | : There are no data available on | the mixture itse | elf. | |
| Respiratory | : There are no data available on | the mixture itse | elf. | |
| Sensitization | | | | |
| Conclusion/Summary | | | | |
| Skin | : There are no data available on | the mixture itse | elf. | |
| Respiratory | : There are no data available on | the mixture itse | elf. | |
| <u>Mutagenicity</u> | | | | |

- **Conclusion/Summary** : There are no data available on the mixture itself.
 - : There are no data available on the mixture itself.

Product name DIMETCOTE 9 LIQUID (CANADA)

SECTION 11: Toxicological information

| Product/ingredient name | OSHA | IARC | NTP |
|---|-------------|-------------|---|
| Sopropyl alcohol toluene crystalline silica, respirable powder (<10 microns) | - - - | 3 3 1 | - - Known to be a human carcinogen. |
| Carcinogen Classificatio | n code: | | |
| IARC: 1, 2A, 2B, 3 | · | | Peacenably anticipated to be a human carcinogen |

Known to be a human carcinogen; Reasonably anticipated to be a human carcinogen OSHA: +

Not listed/not regulated: -

Reproductive toxicity

Conclusion/Summary : There are no data available on the mixture itself.

Teratogenicity

Conclusion/Summary : There are no data available on the mixture itself.

Specific target organ toxicity (single exposure)

| Name | Category | Route of exposure | Target organs |
|---|--|-------------------|---|
| sopropyl alcohol 1-methoxy-2-propanol tetraethyl silicate | Category 3 Category 3 Category 3 | - | Narcotic effects Narcotic effects Respiratory tract irritation |
| toluene | Category 3 | | Narcotic effects |

Specific target organ toxicity (repeated exposure)

| Name | | Route of exposure | Target organs |
|---|------------|-------------------|---------------|
| ioluene | Category 2 | - | - |
| crystalline silica, respirable powder (<10 microns) | Category 1 | inhalation | |

Target organs

: Contains material which causes damage to the following organs: brain. Contains material which may cause damage to the following organs: blood, kidneys, lungs, the reproductive system, liver, heart, spleen, upper respiratory tract, skin, central nervous system (CNS), ears, eye, lens or cornea, stomach.

Aspiration hazard

| Name | Result |
|------|--|
| | ASPIRATION HAZARD - Category 2 ASPIRATION HAZARD - Category 1 |

Information on the likely routes of exposure

| Potential acute health effects | | |
|--------------------------------|---|-------------|
| Eye contact | Causes serious eye irritation. | |
| Inhalation | Can cause central nervous system (CNS) depression. May cause di dizziness. | owsiness or |
| Skin contact | Causes mild skin irritation. Defatting to the skin. | |
| Ingestion | Can cause central nervous system (CNS) depression. | |
| Over-exposure signs/sympto | | |

Product name DIMETCOTE 9 LIQUID (CANADA)

SECTION 11: Toxicological information

| Eye contact | : Adverse symptoms may include the following: pain or irritation watering redness |
|--|--|
| Inhalation | : Adverse symptoms may include the following: 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 dryness cracking reduced fetal weight increase in fetal deaths skeletal malformations |
| Ingestion | : Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations |
| Delayed and immediate effe | ts and also chronic effects from short and long term exposure |
| Conclusion/Summary | : There are no data available on the mixture itself. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. There is some evidence that repeated exposure to organic solvent vapors in combination with constant loud noise can cause greater hearing loss than expected from exposure to noise alone. If splashed in the eyes, the liquid may cause irritation and reversible damage. Ingestion may cause nausea, diarrhea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact. |
| Potential immediate | : There are no data available on the mixture itself. |
| effects Potential delayed effects | : There are no data available on the mixture itself. |
| Long term exposure | |
| Potential immediate effects | : There are no data available on the mixture itself. |
| Potential delayed effects Potential chronic health effe | : There are no data available on the mixture itself. |
| General | May cause damage to organs through prolonged or repeated exposure. Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis. |
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Product name DIMETCOTE 9 LIQUID (CANADA)

SECTION 11: Toxicological information

- : May cause cancer. Risk of cancer depends on duration and level of exposure.
- Carcinogenicity Mutagenicity
- : No known significant effects or critical hazards.
- **Reproductive toxicity**
- : Suspected of damaging fertility or the unborn child.

Numerical measures of toxicity

Acute toxicity estimates

| Product/ingredient name | Oral (mg/ kg) | Dermal (mg/kg) | Inhalation (gases) (ppm) | Inhalation (vapors) (mg/l) | Inhalation (dusts and mists) (mg/l) |
|---------------------------|------------------|-------------------|--------------------------------|----------------------------------|--|
| METCOTE 9 LIQUID (CANADA) | N/A | N/A | N/A | 143.4 | N/A |
| Isopropyl alcohol | 5045 | 12800 | N/A | 72.6 | N/A |
| Silicic acid, ethyl ester | 6270 | N/A | N/A | N/A | N/A |
| 1-methoxy-2-propanol | 5200 | 13000 | N/A | N/A | N/A |
| tetraethyl silicate | 6270 | 5878 | N/A | 11 | N/A |
| toluene | 5580 | 8390 | N/A | 49 | N/A |

SECTION 12: Ecological information

| TOXICITY | | _ | |
|--|---|--|----------------------------------|
| Product/ingredient name | Result | Species | Exposure |
| Sopropyl alcohol 1-methoxy-2-propanol | Acute EC50 10100 mg/l Fresh water Acute LC50 23300 mg/l Acute LC50 >4500 mg/l Fresh water | Daphnia - Daphnia magna Daphnia Fish | 48 hours 48 hours 96 hours |

Persistence and degradability

| Product/ingredient name | Aquatic half-life | Photolysis | Biodegradability |
|-------------------------|-------------------|------------|------------------|
| toluene | - | - | Readily |

Bioaccumulative potential

| Product/ingredient name | LogPow | BCF | Potential |
|-------------------------|--------|------|-----------|
| sopropyl alcohol | 0.05 | - | low |
| 1-methoxy-2-propanol | <1 | - | low |
| tetraethyl silicate | 3.18 | - | low |
| toluene | 2.73 | 8.32 | low |

Mobility in soil

Toxicity

Soil/water partition coefficient (Koc)

: Not available.

Other adverse effects

: No known significant effects or critical hazards.

Product name DIMETCOTE 9 LIQUID (CANADA)

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 nonrecyclable 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.

Disposal should be in accordance with applicable regional, national and local laws and regulations. Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees. Section 6. Accidental release measures

SECTION 14: Transport information

| | | | 1 |
|-----------------------------------|-----------------------|-----------------|-----------------|
| | Mexico Classification | IMDG | ΙΑΤΑ |
| UN number | UN1263 | UN1263 | UN1263 |
| UN proper shipping name | PAINT | PAINT | PAINT |
| Transport hazard class(es) | 3 | 3 | 3 |
| Packing group | II | Ш | II |
| Environmental hazards | No. | No. | No. |
| Marine pollutant substances | Not applicable. | Not applicable. | Not applicable. |
| Product RQ (lbs) | Not applicable. | Not applicable. | Not applicable. |
| RQ substances | Not applicable. | Not applicable. | Not applicable. |

Additional information

| Mexico | : None identified. |
|--------|--------------------|
| IMDG | : None identified. |
| ΙΑΤΑ | : None identified. |

Special precautions for user : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Product name DIMETCOTE 9 LIQUID (CANADA)

SECTION 14: Transport information

Transport in bulk according : Not applicable. to IMO instruments

SECTION 15: Regulatory information

<u>Mexico</u>

Classification

Flammability : 3 Health : 2 Reactivity : 1

International regulations

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

SECTION 16: Other information

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

Health : 2 * Flammability : 3 Physical hazards : 1 (*) - Chronic

effects

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. 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.

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.

| Date of previous issue Organization that prepared the SDS | : 12/20/2018 : EHS |
|---|--|
| Key to abbreviations | : ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = International Air Transport Association IBC = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) N/A = Not available SGG = Segregation Group UN = United Nations |

Indicates information that has changed from previously issued version.

Notice to reader

The information, which is based on the current knowledge of the chemical substance or mixture and applies to appropriate safety precautions for the product, is deemed correct but is not exhaustive and will be used only as a guide.

<u>Disclaimer</u>

Product name DIMETCOTE 9 LIQUID (CANADA)

SECTION 16: Other information

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by PPG, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.