



Sheen Vinyl, Plastic & Rubber Care - Apple

Safety Data Sheet

according to SANS 10234:2019 and SANS 11014:2010
Issue date: 6/23/2022 Revision date: 6/24/2024 Version: 1.1

SECTION 1: Identification

1.1. Product identifier

Product form : Mixture
Trade name : Sheen Vinyl, Plastic & Rubber Care - Apple
Type of product : Vehicle Interior Aerosol Dashboard Spray Cleaner
Product code : SH10
Product group : Trade product

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

Use of the substance/mixture :
Use of the substance/mixture : Cleans and restores vinyl, plastic and rubber

1.3. Supplier's details

Manufacturer

Shield Chemicals (Pty) Ltd
9 London Rd Apex
P.O. Box 1939
1501 Benoni – Gauteng
South Africa
T (011) 421 7111
Contact: Jayson Clark

1.4. Emergency telephone number

Emergency number : (011) 421 7111

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to the United Nations GHS

| | |
|---|-----------|
| Aerosol, Category 1 | H222;H229 |
| Acute toxicity (dermal), Category 5 | H313 |
| Skin corrosion/irritation, Category 2 | H315 |
| Skin sensitisation, Category 1 | H317 |
| Reproductive toxicity, Additional category, Effects on or via lactation | H362 |
| Specific target organ toxicity – Single exposure, Category 3, Narcosis | H336 |
| Specific target organ toxicity – Repeated exposure, Category 2 | H373 |
| Hazardous to the aquatic environment – Acute Hazard, Category 2 | H401 |
| Hazardous to the aquatic environment – Chronic Hazard, Category 2 | H411 |

Full text of H-statements: see section 16

2.2. Label elements

Labelling according to the United Nations GHS

Hazard pictograms (GHS ZA) :



Signal word (GHS-ZA) : Danger

Hazardous ingredients : hexane, heptane, n-pentane, Silicone, propane, butane, liquefied, under pressure

Hazard statements (GHS ZA) : H222 - Extremely flammable aerosol.
H229 - Pressurised container: May burst if heated.

H313 - May be harmful in contact with skin

H315 - Causes skin irritation.

Sheen Vinyl, Plastic & Rubber Care - Apple

Safety Data Sheet

according to SANS 10234:2019 and SANS 11014:2010

| | |
|-----------------------------------|--|
| Precautionary statements (GHS ZA) | : H317 - May cause an allergic skin reaction. H336 - May cause drowsiness or dizziness. H362 - May cause harm to breast-fed children. H373 - May cause damage to organs through prolonged or repeated exposure. H411 - Toxic to aquatic life with long lasting effects. P201 - Obtain special instructions before use. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 - Do not spray on an open flame or other ignition source. P251 - Do not pierce or burn, even after use. P260 - Do not breathe mist, vapours. P261 - Avoid breathing mist, vapours. P263 - Avoid contact during pregnancy and while nursing. P264 - Wash hands, forearms and face thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P271 - Use only outdoors or in a well-ventilated area. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear eye protection, protective clothing, protective gloves. P302+P352 - IF ON SKIN: Wash with plenty of water. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P308+P313 - IF exposed or concerned: Get medical advice. P312 - Call a doctor if you feel unwell. P314 - Get medical advice if you feel unwell. P321 - Specific treatment (see supplemental first aid instruction on this label). P332+P313 - If skin irritation occurs: Get medical advice. P333+P313 - If skin irritation or rash occurs: Get medical advice. P362+P364 - Take off contaminated clothing and wash it before reuse. P391 - Collect spillage. P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up. P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C. P501 - Dispose of contents and container to an approved waste disposal plant. |
|-----------------------------------|--|

2.3. Other hazards

| | |
|---|---|
| Adverse physicochemical, human health and environmental effects | : Highly flammable liquid and vapour, May cause harm to breast-fed children, May cause damage to organs through prolonged or repeated exposure, May cause drowsiness or dizziness, Harmful in contact with skin, Causes skin irritation, May cause an allergic skin reaction, Toxic to aquatic life, Toxic to aquatic life with long lasting effects. |
|---|---|

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | Classification according to the United Nations GHS |
|--------|--------------------|-------------|--|
| hexane | CAS-No.: 110-54-3 | 21.0 - 45.0 | Flam. Liq. 2, H225 Acute Tox. Not classified (Oral) Acute Tox. 5 (Dermal), H313 Skin Irrit. 2, H315 STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 |

Sheen Vinyl, Plastic & Rubber Care - Apple

Safety Data Sheet

according to SANS 10234:2019 and SANS 11014:2010

| Name | Product identifier | % | Classification according to the United Nations GHS |
|-----------------------------------|---------------------|-------------|--|
| butane, liquefied, under pressure | CAS-No.: 106-97-8 | 20.0 - 30.0 | Pyr. Gas Not classified Flam. Gas 1, H220 Aquatic Acute 2, H401 |
| heptane | CAS-No.: 142-82-5 | 10.0 - 15.0 | Flam. Liq. 2, H225 Acute Tox. Not classified (Oral) Acute Tox. 5 (Dermal), H313 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| propane | CAS-No.: 74-98-6 | 10.0 - 20.0 | Pyr. Gas Not classified Flam. Gas 1, H220 Aquatic Acute Not classified |
| n-pentane | CAS-No.: 109-66-0 | 5.0 - 10.0 | Flam. Liq. 2, H225 Acute Tox. 5 (Oral), H303 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411 |
| Silicone | CAS-No.: 63148-62-9 | 1.0- 5.0 | Flam. Liq. Not classified Acute Tox. Not classified (Oral) Acute Tox. 5 (Dermal), H313 |

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|--|
| First-aid measures general | : IF exposed or concerned: Get medical advice/attention. Call a poison center or a doctor if you feel unwell. |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. |
| First-aid measures after skin contact | : Rinse skin with water/shower. Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention. |
| First-aid measures after eye contact | : Rinse eyes with water as a precaution. |
| First-aid measures after ingestion | : Call a poison center or a doctor if you feel unwell. |

4.2. Most important symptoms and effects, both acute and delayed

| | |
|-------------------------------------|--|
| Symptoms/effects | : May cause drowsiness or dizziness. |
| Symptoms/effects after skin contact | : Irritation. May cause an allergic skin reaction. |

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|------------------------------|--|
| Suitable extinguishing media | : Water spray. Dry powder. Foam. Carbon dioxide. |
|------------------------------|--|

5.2. Special hazards arising from the substance or mixture

| | |
|--|---------------------------------------|
| Fire hazard | : Highly flammable liquid and vapour. |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |

Sheen Vinyl, Plastic & Rubber Care - Apple

Safety Data Sheet

according to SANS 10234:2019 and SANS 11014:2010

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No additional information available

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Do not breathe mist, vapours. Avoid contact with skin, eyes and clothing.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.
Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
Other information : Dispose of materials or solid residues at an authorized site.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Avoid contact during pregnancy/while nursing. Do not breathe mist, vapours. Use only outdoors or in a well-ventilated area. Do not get in eyes, on skin, or on clothing.
Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Ground/bond container and receiving equipment.
Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| hexane (110-54-3) | |
|--|----------------------|
| South Africa - Occupational Exposure Limits (Recommended Limits) | |
| Local name | n-Hexane |
| OEL TWA | 70 mg/m ³ |
| OEL TWA [ppm] | 20 ppm |

Sheen Vinyl, Plastic & Rubber Care - Apple

Safety Data Sheet

according to SANS 10234:2019 and SANS 11014:2010

| hexane (110-54-3) | |
|--|-----------------------------|
| Regulatory reference | Government Notice. R: 1179 |
| South Africa - Occupational Exposure Limits (Airborne Pollutants) | |
| Local name | n-Hexane |
| OEL TWA | 70 mg/m ³ |
| OEL TWA [ppm] | 20 ppm |
| Regulatory reference | Government Notice No. R 904 |
| butane, liquefied, under pressure (106-97-8) | |
| South Africa - Occupational Exposure Limits (Recommended Limits) | |
| Local name | Butane |
| OEL TWA | 1430 mg/m ³ |
| OEL TWA [ppm] | 600 ppm |
| OEL STEL | 1780 mg/m ³ |
| OEL STEL [ppm] | 750 ppm |
| Regulatory reference | Government Notice. R: 1179 |
| South Africa - Occupational Exposure Limits (Airborne Pollutants) | |
| Local name | n-Butane |
| OEL TWA | 1430 mg/m ³ |
| OEL TWA [ppm] | 600 ppm |
| OEL STEL | 1780 mg/m ³ |
| OEL STEL [ppm] | 750 ppm |
| Regulatory reference | Government Notice No. R 904 |
| propane (74-98-6) | |
| South Africa - Occupational Exposure Limits (Airborne Pollutants) | |
| Local name | Propane |
| OEL TWA | 1800 mg/m ³ |
| OEL TWA [ppm] | 1000 ppm |
| Regulatory reference | Government Notice No. R 904 |

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment (PPE)

Hand protection : Protective gloves
Eye protection : Safety glasses
Skin and body protection : Wear suitable protective clothing
Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):



Sheen Vinyl, Plastic & Rubber Care - Apple

Safety Data Sheet

according to SANS 10234:2019 and SANS 11014:2010

8.4. Exposure limit values for the other components

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|---------------------|
| Physical state | : Liquid |
| Appearance | : Liquid. |
| Colour | : clear. |
| Odour | : Apple. |
| Odour threshold | : No data available |
| pH | : No data available |
| pH solution | : No data available |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Relative evaporation rate (ether=1) | : No data available |
| Melting point | : Not applicable |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : Not applicable |
| Vapour pressure | : No data available |
| Vapour pressure at 50 °C | : No data available |
| Relative vapour density at 20 °C | : No data available |
| Relative density | : No data available |
| Relative density of saturated gas/air mixture | : No data available |
| Density | : No data available |
| Relative gas density | : No data available |
| Solubility | : No data available |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Partition coefficient n-octanol/water (Log Kow) | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosive properties | : No data available |
| Oxidising properties | : No data available |
| Explosive limits | : No data available |
| Lower explosive limit (LEL) | : No data available |
| Upper explosive limit (UEL) | : No data available |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Highly flammable liquid and vapour.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

Sheen Vinyl, Plastic & Rubber Care - Apple

Safety Data Sheet

according to SANS 10234:2019 and SANS 11014:2010

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : May be harmful in contact with skin.
Acute toxicity (inhalation) : Not classified

Sheen Vinyl, Plastic & Rubber Care - Apple

| | |
|-----------------|---------------------------|
| ATE ZA (Dermal) | 3935.644 mg/kg bodyweight |
|-----------------|---------------------------|

hexane (110-54-3)

| | |
|-----------------------------|---|
| LD50 oral rat | 16000 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral) |
| LD50 dermal rabbit | > 3350 mg/kg bodyweight (Equivalent or similar to OECD 402, 4 h, Rabbit, Male, Read-across, Dermal) |
| LC50 Inhalation - Rat [ppm] | > 5000 ppm (Equivalent or similar to OECD 403, 24 h, Rat, Male, Experimental value, Inhalation (vapours)) |

heptane (142-82-5)

| | |
|-----------------------|---|
| LD50 oral rat | > 5000 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male / female, Read-across, Oral) |
| LD50 dermal rabbit | > 2000 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male / female, Read-across, Dermal) |
| LC50 Inhalation - Rat | > 29.29 mg/l air (Equivalent or similar to OECD 403, 4 h, Rat, Male / female, Experimental value, Inhalation (vapours)) |

n-pentane (109-66-0)

| | |
|-----------------------|---|
| LD50 oral rat | > 2000 mg/kg (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s)) |
| LC50 Inhalation - Rat | > 20 mg/l air (4 h, Rat, Male / female, Experimental value, Inhalation (vapours)) |

butane, liquefied, under pressure (106-97-8)

| | |
|-----------------------------|-----------------------------|
| LC50 Inhalation - Rat | 1442.738 – 1443 mg/l 15 MIN |
| LC50 Inhalation - Rat [ppm] | 800000 ppm 15 MIN |

Silicone (63148-62-9)

| | |
|--------------------|---------------|
| LD50 oral rat | > 15400 mg/kg |
| LD50 dermal rabbit | > 2000 mg/kg |

propane (74-98-6)

| | |
|-----------------------------|---|
| LC50 Inhalation - Rat [ppm] | > 800000 ppm (15 minutes, Rat, Male / female, Experimental value, Inhalation (gases)) |
|-----------------------------|---|

Skin corrosion/irritation : Causes skin irritation.
Serious eye damage/irritation : Not classified
Respiratory or skin sensitisation : May cause an allergic skin reaction.
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : May cause harm to breast-fed children.
STOT-single exposure : May cause drowsiness or dizziness.

Sheen Vinyl, Plastic & Rubber Care - Apple

Safety Data Sheet

according to SANS 10234:2019 and SANS 11014:2010

| | |
|---|--|
| hexane (110-54-3) | |
| STOT-single exposure | May cause drowsiness or dizziness. |
| heptane (142-82-5) | |
| STOT-single exposure | May cause drowsiness or dizziness. |
| n-pentane (109-66-0) | |
| STOT-single exposure | May cause drowsiness or dizziness. |
| STOT-repeated exposure | : May cause damage to organs through prolonged or repeated exposure. |
| hexane (110-54-3) | |
| | May cause damage to organs through prolonged or repeated exposure. |
| Aspiration hazard | : Not classified |
| Sheen Vinyl, Plastic & Rubber Care - Apple | |
| Vaporizer | Aerosol |

SECTION 12: Ecological information

12.1. Toxicity

| | |
|---|---|
| Ecology - general | : Toxic to aquatic life. Toxic to aquatic life with long lasting effects. |
| Hazardous to the aquatic environment, short-term (acute) | : Toxic to aquatic life. |
| Hazardous to the aquatic environment, long-term (chronic) | : Toxic to aquatic life with long lasting effects. |

| | |
|--|--|
| hexane (110-54-3) | |
| BCF - Fish [1] | 501.187 (Other, Pimephales promelas, QSAR) |
| Partition coefficient n-octanol/water (Log Pow) | 4 (Experimental value, Equivalent or similar to OECD 107, 20 °C) |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 3.34 (log Koc, QSAR) |
| heptane (142-82-5) | |
| BCF - Other aquatic organisms [1] | 552 (BCFBAF v3.00, Calculated value) |
| Partition coefficient n-octanol/water (Log Pow) | 4.66 (Experimental value) |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 2.38 (log Koc, SRC PCKOCWIN v2.0, Calculated value) |
| n-pentane (109-66-0) | |
| LC50 - Fish [1] | 4.26 mg/l (Equivalent or similar to OECD 203, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, GLP) |
| EC50 - Crustacea [1] | 2.7 mg/l (Other, 48 h, Daphnia magna, Static system, Fresh water, Experimental value) |
| ErC50 algae | 10.7 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Scenedesmus sp., Static system, Fresh water, Experimental value, GLP) |
| BCF - Fish [1] | 171 (Pimephales promelas, QSAR) |
| Partition coefficient n-octanol/water (Log Pow) | 3.45 (Experimental value, Other, 25 °C) |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 2.9 (log Koc, QSAR) |
| butane, liquefied, under pressure (106-97-8) | |
| LC50 - Fish [1] | > 1000 mg/l (96 h, Pimephales promelas, QSAR) |
| EC50 72h - Algae [1] | 5.3 – 5.5 mg/l (Algae, QSAR) |

Sheen Vinyl, Plastic & Rubber Care - Apple

Safety Data Sheet

according to SANS 10234:2019 and SANS 11014:2010

| butane, liquefied, under pressure (106-97-8) | |
|---|--|
| Partition coefficient n-octanol/water (Log Pow) | 2.89 (Experimental value) |
| propane (74-98-6) | |
| LC50 - Fish [1] | 24 mg/l (96 h, Pisces, Literature study) |
| LC50 - Fish [2] | 49.9 mg/l (96 h, Pisces, Fresh water, QSAR) |
| EC50 - Crustacea [1] | 7 mg/l (48 h, Daphnia magna, Literature study) |
| BCF - Fish [1] | 9 – 25 (Pisces, QSAR) |
| Partition coefficient n-octanol/water (Log Pow) | 1.09 – 2.8 (Experimental value, 20 °C) |

12.2. Persistence and degradability

| Sheen Vinyl, Plastic & Rubber Care - Apple | |
|---|--|
| Persistence and degradability | No additional information available |
| hexane (110-54-3) | |
| Persistence and degradability | Biodegradable in the soil. Readily biodegradable in water. |
| ThOD | 3.52 g O ₂ /g substance |
| heptane (142-82-5) | |
| Persistence and degradability | Biodegradable in the soil. Readily biodegradable in water. |
| Biochemical oxygen demand (BOD) | 1.92 g O ₂ /g substance |
| Chemical oxygen demand (COD) | 0.06 g O ₂ /g substance |
| ThOD | 3.52 g O ₂ /g substance |
| BOD (% of ThOD) | > 0.5 (5 day(s), Literature study) |
| n-pentane (109-66-0) | |
| Persistence and degradability | Readily biodegradable in water. |
| butane, liquefied, under pressure (106-97-8) | |
| Persistence and degradability | Readily biodegradable in water. |
| propane (74-98-6) | |
| Persistence and degradability | Readily biodegradable in water. |

12.3. Bioaccumulative potential

| Sheen Vinyl, Plastic & Rubber Care - Apple | |
|--|--|
| Bioaccumulative potential | No additional information available |
| hexane (110-54-3) | |
| BCF - Fish [1] | 501.187 (Other, Pimephales promelas, QSAR) |
| Partition coefficient n-octanol/water (Log Pow) | 4 (Experimental value, Equivalent or similar to OECD 107, 20 °C) |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 3.34 (log Koc, QSAR) |
| Bioaccumulative potential | Potential for bioaccumulation (500 ≤ BCF ≤ 5000). |
| heptane (142-82-5) | |
| BCF - Other aquatic organisms [1] | 552 (BCFBAF v3.00, Calculated value) |
| Partition coefficient n-octanol/water (Log Pow) | 4.66 (Experimental value) |

Sheen Vinyl, Plastic & Rubber Care - Apple

Safety Data Sheet

according to SANS 10234:2019 and SANS 11014:2010

| | |
|--|---|
| heptane (142-82-5) | |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 2.38 (log Koc, SRC PCKOCWIN v2.0, Calculated value) |
| Bioaccumulative potential | Potential for bioaccumulation ($4 \geq \text{Log Kow} \leq 5$). |
| n-pentane (109-66-0) | |
| BCF - Fish [1] | 171 (Pimephales promelas, QSAR) |
| Partition coefficient n-octanol/water (Log Pow) | 3.45 (Experimental value, Other, 25 °C) |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 2.9 (log Koc, QSAR) |
| Bioaccumulative potential | Low potential for bioaccumulation ($\text{Log Kow} < 4$). |
| butane, liquefied, under pressure (106-97-8) | |
| Partition coefficient n-octanol/water (Log Pow) | 2.89 (Experimental value) |
| Bioaccumulative potential | Low potential for bioaccumulation ($\text{Log Kow} < 4$). |
| propane (74-98-6) | |
| BCF - Fish [1] | 9 – 25 (Pisces, QSAR) |
| Partition coefficient n-octanol/water (Log Pow) | 1.09 – 2.8 (Experimental value, 20 °C) |
| Bioaccumulative potential | Low potential for bioaccumulation ($\text{Log Kow} < 4$). |

12.4. Mobility in soil

| | |
|--|--|
| Sheen Vinyl, Plastic & Rubber Care - Apple | |
| Mobility in soil | No additional information available |
| hexane (110-54-3) | |
| Surface tension | 0.018 N/m (25 °C, 1 g/l) |
| Partition coefficient n-octanol/water (Log Pow) | 4 (Experimental value, Equivalent or similar to OECD 107, 20 °C) |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 3.34 (log Koc, QSAR) |
| Ecology - soil | Low potential for mobility in soil. |
| heptane (142-82-5) | |
| Surface tension | 19.66 mN/m (25 °C) |
| Partition coefficient n-octanol/water (Log Pow) | 4.66 (Experimental value) |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 2.38 (log Koc, SRC PCKOCWIN v2.0, Calculated value) |
| Ecology - soil | Low potential for adsorption in soil. |
| n-pentane (109-66-0) | |
| Surface tension | 0.013 N/m (20 °C) |
| Partition coefficient n-octanol/water (Log Pow) | 3.45 (Experimental value, Other, 25 °C) |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 2.9 (log Koc, QSAR) |
| Ecology - soil | Low potential for adsorption in soil. |
| butane, liquefied, under pressure (106-97-8) | |
| Surface tension | < 0.1 N/m (0 °C) |
| Partition coefficient n-octanol/water (Log Pow) | 2.89 (Experimental value) |

Sheen Vinyl, Plastic & Rubber Care - Apple

Safety Data Sheet

according to SANS 10234:2019 and SANS 11014:2010

| | |
|---|--|
| butane, liquefied, under pressure (106-97-8) | |
| Ecology - soil | Not applicable (gas). |
| propane (74-98-6) | |
| Surface tension | 0.016 N/m (-47 °C) |
| Partition coefficient n-octanol/water (Log Pow) | 1.09 – 2.8 (Experimental value, 20 °C) |
| Ecology - soil | Not applicable (gas). |

12.5. Other adverse effects

Ozone : Not classified
Other adverse effects : No additional information available




SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Additional information : Flammable vapours may accumulate in the container.

SECTION 14: Transport information

In accordance with SANS / IMDG / IATA

| SANS | IMDG | IATA |
|---|---|---|
| 14.1. UN number | | |
| 1950 | 1950 | 1950 |
| 14.2. Proper Shipping Name | | |
| AEROSOLS | AEROSOLS | Aerosols, flammable |
| 14.3. Transport hazard class(es) | | |
| 2.1 | 2.1 | 2.1 |
|  |  |  |
| 14.4. Packing group | | |
| Not applicable | Not applicable | Not applicable |
| 14.5. Environmental hazards | | |
| Dangerous for the environment : Yes | Dangerous for the environment : Yes Marine pollutant : Yes | Dangerous for the environment : Yes |
| No supplementary information available | | |

14.6. Special precautions for user

SANS
Special provisions (SANS) : 63, 190
Limited quantities (SANS) : See SP277
Limited quantities (SANS) : See SP277
Packagings, large packagings and IBCs Packing instructions (SANS) : P003
Packagings, large packagings and IBCs Special packing instructions (SANS) : PP17, PP87

Sheen Vinyl, Plastic & Rubber Care - Apple

Safety Data Sheet

according to SANS 10234:2019 and SANS 11014:2010

IMDG

| | |
|-----------------------------------|---|
| Special provisions (IMDG) | : 63, 190, 277, 327, 344, 381, 959 |
| Packing instructions (IMDG) | : P207, LP200 |
| Special packing provisions (IMDG) | : PP87, L2 |
| EmS-No. (Fire) | : F-D - FIRE SCHEDULE Delta - FLAMMABLE GASES |
| EmS-No. (Spillage) | : S-U - SPILLAGE SCHEDULE Uniform - GASES (FLAMMABLE, TOXIC OR CORROSIVE) |
| Stowage category (IMDG) | : None |

IATA

| | |
|--|--------------------|
| PCA Excepted quantities (IATA) | : E0 |
| PCA Limited quantities (IATA) | : Y203 |
| PCA limited quantity max net quantity (IATA) | : 30kgG |
| PCA packing instructions (IATA) | : 203 |
| PCA max net quantity (IATA) | : 75kg |
| CAO packing instructions (IATA) | : 203 |
| CAO max net quantity (IATA) | : 150kg |
| Special provisions (IATA) | : A145, A167, A802 |
| ERG code (IATA) | : 10L |

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health, and environmental national regulations specific for the product

No additional information available

SECTION 16: Other information

| | |
|---------------|--------------|
| Issue date | : 23/06/2022 |
| Revision date | : 24/06/2024 |

| Full text of H-statements | |
|---------------------------|---|
| H220 | Extremely flammable gas. |
| H225 | Highly flammable liquid and vapour. |
| H226 | Flammable liquid and vapour. |
| H227 | Combustible liquid |
| H302 | Harmful if swallowed. |
| H303 | May be harmful if swallowed |
| H304 | May be fatal if swallowed and enters airways. |
| H312 | Harmful in contact with skin. |
| H313 | May be harmful in contact with skin |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H335 | May cause respiratory irritation. |
| H336 | May cause drowsiness or dizziness. |
| H362 | May cause harm to breast-fed children. |

Sheen Vinyl, Plastic & Rubber Care - Apple

Safety Data Sheet

according to SANS 10234:2019 and SANS 11014:2010

| Full text of H-statements | |
|---------------------------|--|
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H400 | Very toxic to aquatic life. |
| H401 | Toxic to aquatic life |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

Safety Data Sheet (SDS), South Africa

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.