

Guide Coat Black

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

Date of issue: 12/31/2018

Revision date: 02/27/2019

Version: 2.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : Guide Coat Black
Product code : 3680100 / REZ261

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

Use of the substance/mixture : Automotive Refinish

1.3. Details of the supplier of the safety data sheet

Manufacturer

Peter Kwasny GmbH
Heilbronner Str. 96
Gundelsheim, 74831 – Germany
T 49(0) 6269-95-20

Distributor

Peter Kwasny Inc.
62-64 Enter Lane
Islandia, NY 11749
T 1-844-726-6330 (toll free North America)

Distributor

Peter Kwasny Spraypaint Canada Inc
2275 Lake Shore Boulevard West, Suite 530
Toronto, ON M8V 3Y3

1.4. Emergency telephone number

Emergency number : 352-323-3500 (24h / 7 days a week)

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

GHS classification

Flam. Aerosol 1
Press. Gas (Liq.)
Carc. 2
Repr. 2

2.2. Label elements

GHS labelling

Hazard pictograms (GHS) :



GHS02



GHS04



GHS08

Signal word (GHS) :

Danger

Hazard statements (GHS) :

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Suspected of causing cancer. Suspected of damaging fertility or the unborn child.

Precautionary statements (GHS) :

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Wear protective gloves/protective clothing/eye protection/face protection. If exposed or concerned: Get medical advice/attention. Store locked up. Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

2.4. Unknown acute toxicity

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

Guide Coat Black

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

3.2. Mixtures

| Name | Product identifier | % |
|-----------------|---------------------|---------|
| Ethyl acetate | (CAS-No.) 141-78-6 | 30 - 60 |
| Butane | (CAS-No.) 106-97-8 | 10 - 30 |
| Propane | (CAS-No.) 74-98-6 | 7 - 13 |
| n-Butyl acetate | (CAS-No.) 123-86-4 | 3 - 7 |
| 1-Butanol | (CAS-No.) 71-36-3 | 1 - 5 |
| xylene | (CAS-No.) 1330-20-7 | 0.1 - 1 |
| Ethylbenzene | (CAS-No.) 100-41-4 | 0.1 - 1 |

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
- First-aid measures after skin contact : If skin irritation occurs: Wash skin with plenty of water. Obtain medical attention if irritation persists.
- First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

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

- Symptoms/effects after inhalation : May cause irritation to the respiratory tract.
- Symptoms/effects after skin contact : May cause skin irritation. Repeated exposure may cause skin dryness or cracking.
- Symptoms/effects after eye contact : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
- Symptoms/effects after ingestion : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

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

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Carbon dioxide (CO₂), dry chemical powder, water spray, alcohol resistant foam
- Unsuitable extinguishing media : Do not use water jet.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Extremely flammable aerosol. Products of combustion may include and are not limited to: oxides of carbon. Vapours are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapours.
- Explosion hazard : Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. Vapours may form explosive mixture with air.
- Reactivity : No dangerous reactions known under normal conditions of use.

5.3. Advice for firefighters

- Firefighting instructions : In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion.
- Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). Use water spray to keep fire-exposed containers cool.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate every possible source of ignition. Use only non-sparking tools. Use special care to avoid static electric charges

6.1.1. For non-emergency personnel

No additional information available

Guide Coat Black

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment : Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment. Do not flush with water or aqueous cleansing agents.

Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal. Provide ventilation.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Hazardous waste due to potential risk of explosion.

Precautions for safe handling : Do not pierce or burn, even after use. Keep away from sources of ignition - No smoking. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin, eyes and clothing. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Keep away from heat and direct sunlight. Use only non-sparking tools. Take precautionary measures against static discharge. Use only outdoors or in a well-ventilated area.

Hygiene measures : Wash contaminated clothing before reuse. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed.

Storage conditions : Keep out of the reach of children. Do not expose to temperatures exceeding 50 °C/ 122 °F. Keep in fireproof place. Store away from direct sunlight or other heat sources. Store in a well-ventilated place. Store locked up. Keep cool.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Ethyl acetate (141-78-6) | | |
|--------------------------|--------------------------------------|-----------------------------|
| ACGIH | ACGIH TWA (ppm) | 400 ppm |
| OSHA | OSHA PEL (TWA) (mg/m ³) | 1400 mg/m ³ |
| OSHA | OSHA PEL (TWA) (ppm) | 400 ppm |
| IDLH | US IDLH (ppm) | 2000 ppm (10% LEL) |
| NIOSH | NIOSH REL (TWA) (mg/m ³) | 1400 mg/m ³ |
| NIOSH | NIOSH REL (TWA) (ppm) | 400 ppm |
| Propane (74-98-6) | | |
| ACGIH | Remark (ACGIH) | Simple Asphyxiant |
| OSHA | OSHA PEL (TWA) (mg/m ³) | 1800 mg/m ³ |
| OSHA | OSHA PEL (TWA) (ppm) | 1000 ppm |
| IDLH | US IDLH (ppm) | 2100 ppm (10% LEL) |
| NIOSH | NIOSH REL (TWA) (mg/m ³) | 1800 mg/m ³ |
| NIOSH | NIOSH REL (TWA) (ppm) | 1000 ppm |
| Butane (106-97-8) | | |
| ACGIH | ACGIH STEL (ppm) | 1000 ppm (explosion hazard) |
| IDLH | US IDLH (ppm) | 1600 ppm (>10% LEL) |
| NIOSH | NIOSH REL (TWA) (mg/m ³) | 1900 mg/m ³ |
| NIOSH | NIOSH REL (TWA) (ppm) | 800 ppm |

Guide Coat Black

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

| n-Butyl acetate (123-86-4) | | |
|-----------------------------------|---------------------------------------|-----------------------|
| ACGIH | ACGIH TWA (ppm) | 50 ppm |
| ACGIH | ACGIH STEL (ppm) | 150 ppm |
| ACGIH | Remark (ACGIH) | Eye & URT irr |
| OSHA | OSHA PEL (TWA) (mg/m ³) | 710 mg/m ³ |
| OSHA | OSHA PEL (TWA) (ppm) | 150 ppm |
| IDLH | US IDLH (ppm) | 1700 ppm (10% LEL) |
| NIOSH | NIOSH REL (TWA) (mg/m ³) | 710 mg/m ³ |
| NIOSH | NIOSH REL (TWA) (ppm) | 150 ppm |
| NIOSH | NIOSH REL (STEL) (mg/m ³) | 950 mg/m ³ |
| NIOSH | NIOSH REL (STEL) (ppm) | 200 ppm |

| 1-Butanol (71-36-3) | | |
|----------------------------|--|-----------------------|
| ACGIH | ACGIH TWA (ppm) | 20 ppm |
| OSHA | OSHA PEL (TWA) (mg/m ³) | 300 mg/m ³ |
| OSHA | OSHA PEL (TWA) (ppm) | 100 ppm |
| IDLH | US IDLH (ppm) | 1400 ppm (10% LEL) |
| NIOSH | NIOSH REL (ceiling) (mg/m ³) | 150 mg/m ³ |
| NIOSH | NIOSH REL (ceiling) (ppm) | 50 ppm |

| xylene (1330-20-7) | | |
|---------------------------|--|--|
| Not applicable | | |

| Ethylbenzene (100-41-4) | | |
|--------------------------------|---------------------------------------|-----------------------------------|
| ACGIH | ACGIH TWA (ppm) | 20 ppm |
| ACGIH | Remark (ACGIH) | URT irr; kidney dam (nephropathy) |
| OSHA | OSHA PEL (TWA) (mg/m ³) | 435 mg/m ³ |
| OSHA | OSHA PEL (TWA) (ppm) | 100 ppm |
| IDLH | US IDLH (ppm) | 800 ppm (10% LEL) |
| NIOSH | NIOSH REL (TWA) (mg/m ³) | 435 mg/m ³ |
| NIOSH | NIOSH REL (TWA) (ppm) | 100 ppm |
| NIOSH | NIOSH REL (STEL) (mg/m ³) | 545 mg/m ³ |
| NIOSH | NIOSH REL (STEL) (ppm) | 125 ppm |

8.2. Exposure controls

| | |
|----------------------------------|--|
| Appropriate engineering controls | : Ensure good ventilation of the work station. |
| Hand protection | : Wear suitable gloves. |
| Eye protection | : Safety glasses or goggles are recommended when using product. |
| Skin and body protection | : Wear suitable protective clothing. |
| Respiratory protection | : In case of insufficient ventilation, wear suitable respiratory equipment. 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. |
| Environmental exposure controls | : Avoid release to the environment. |
| Other information | : Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|----------------|------------------|
| Physical state | : Liquid |
| Appearance | : Aerosol |
| Colour | : Black |
| Odour | : Characteristic |

Guide Coat Black

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

| | |
|--|---|
| Odour threshold | : No data available |
| pH | : No data available |
| Melting point | : No data available |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : < -18 °C / -0.4 °F |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Flammability (solid, gas) | : Extremely flammable aerosol. |
| Vapour pressure | : 3600 hPa |
| Relative vapour density at 20 °C | : No data available |
| Relative density | : 0.8 g/cm ³ |
| Solubility | : Not miscible or difficult to mix. |
| Partition coefficient n-octanol/water | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosive limits | : Lower explosive limit (LEL): 1.5 vol % Upper explosive limit (UEL): 11.5 vol % |
| Explosive properties | : No data available |
| Oxidising properties | : No data available |

9.2. Other information

| | |
|----------------|----------|
| VOC content | : 96.7 % |
| Percent Solids | : 3.3 % |

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

10.2. Chemical stability

Extremely flammable aerosol. Contents under pressure. Container may explode if heated. Do not puncture. Do not burn.

10.3. Possibility of hazardous reactions

Reacts with acids, alkalis and oxidising agents.

10.4. Conditions to avoid

Heat. Sparks. Open flame. Direct sunlight. Ignition sources.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|-----------------------------|-------------------|
| Acute toxicity (oral) | : Not classified. |
| Acute toxicity (dermal) | : Not classified. |
| Acute toxicity (inhalation) | : Not classified. |

| Ethyl acetate (141-78-6) | |
|--------------------------|---------------|
| LD50 oral rat | 5620 mg/kg |
| LD50 dermal rabbit | > 18000 mg/kg |
| LC50 inhalation rat | 4000 ppm/4h |

| Propane (74-98-6) | |
|---------------------|--------------------------------------|
| LC50 inhalation rat | > 800000 ppm (Exposure time: 15 min) |

Guide Coat Black

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

| Butane (106-97-8) | |
|--------------------------|---|
| LC50 inhalation rat | 658 g/m ³ (Exposure time: 4 h) |

| n-Butyl acetate (123-86-4) | |
|-----------------------------------|---------------|
| LD50 oral rat | 10768 mg/kg |
| LD50 dermal rabbit | > 17600 mg/kg |
| LC50 inhalation rat | 390 ppm/4h |

| 1-Butanol (71-36-3) | |
|----------------------------|---------------|
| LD50 oral rat | 700 mg/kg |
| LD50 oral | 2100 mg/kg |
| LD50 dermal rabbit | 3402 mg/kg |
| LD50 dermal | 3400 mg/kg |
| LC50 inhalation rat | > 8000 ppm/4h |

| Ethylbenzene (100-41-4) | |
|--------------------------------|--------------|
| LD50 oral rat | 3500 mg/kg |
| LD50 dermal rabbit | 15400 mg/kg |
| LC50 inhalation rat | 17.4 mg/l/4h |

| | |
|-----------------------------------|--------------------------------|
| Skin corrosion/irritation | : Not classified. |
| Serious eye damage/irritation | : Not classified. |
| Respiratory or skin sensitisation | : Not classified. |
| Germ cell mutagenicity | : Not classified. |
| Carcinogenicity | : Suspected of causing cancer. |

| Ethylbenzene (100-41-4) | |
|--|--------------------------------------|
| IARC group | 2B - Possibly carcinogenic to humans |
| National Toxicology Program (NTP) Status | 1 - Evidence of Carcinogenicity |
| In OSHA Hazard Communication Carcinogen list | Yes |

| | |
|------------------------|--|
| Reproductive toxicity | : Suspected of damaging fertility or the unborn child. |
| STOT-single exposure | : Not classified. |
| STOT-repeated exposure | : Not classified. |
| Aspiration hazard | : Not classified. |

| Guide Coat Black | |
|-------------------------|---------|
| Vaporizer | Aerosol |

| | |
|-------------------------------------|---|
| Symptoms/effects after inhalation | : May cause irritation to the respiratory tract. |
| Symptoms/effects after skin contact | : May cause skin irritation. Repeated exposure may cause skin dryness or cracking. |
| Symptoms/effects after eye contact | : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling. |
| Symptoms/effects after ingestion | : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea. |
| Other information | : Likely routes of exposure: ingestion, inhalation, skin and eye. |

SECTION 12: Ecological information

12.1. Toxicity

| | |
|-------------------|---|
| Ecology - general | : May cause long-term adverse effects in the aquatic environment. |
|-------------------|---|

| Ethyl acetate (141-78-6) | |
|---------------------------------|--|
| LC50 fish 1 | 220 - 250 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| EC50 Daphnia 1 | 560 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static]) |
| LC50 fish 2 | 484 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through]) |

| n-Butyl acetate (123-86-4) | |
|-----------------------------------|--|
| LC50 fish 1 | 100 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static]) |
| LC50 fish 2 | 17 - 19 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |

| 1-Butanol (71-36-3) | |
|----------------------------|--|
| LC50 fish 1 | 1730 - 1910 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) |

Guide Coat Black

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

| 1-Butanol (71-36-3) | |
|----------------------------|---|
| EC50 Daphnia 1 | 1983 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| LC50 fish 2 | 1740 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| EC50 Daphnia 2 | 1897 - 2072 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static]) |
| NOEC chronic crustacea | 4.1 mg/l |

| Ethylbenzene (100-41-4) | |
|--------------------------------|--|
| LC50 fish 1 | 11.0 - 18.0 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) |
| EC50 Daphnia 1 | 1.8 - 2.4 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| LC50 fish 2 | 4.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static]) |
| NOEC chronic crustacea | 0.956 mg/l |

12.2. Persistence and degradability

| Guide Coat Black | |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |

12.3. Bioaccumulative potential

| Guide Coat Black | |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |

| Ethyl acetate (141-78-6) | |
|---------------------------------------|-----|
| BCF fish 1 | 30 |
| Partition coefficient n-octanol/water | 0.6 |

| Propane (74-98-6) | |
|---------------------------------------|-----|
| Partition coefficient n-octanol/water | 2.3 |

| Butane (106-97-8) | |
|---------------------------------------|------|
| Partition coefficient n-octanol/water | 2.89 |

| n-Butyl acetate (123-86-4) | |
|---------------------------------------|-----------------|
| Partition coefficient n-octanol/water | 1.81 (at 23 °C) |

| 1-Butanol (71-36-3) | |
|---------------------------------------|------------------|
| BCF fish 1 | 0.64 |
| Partition coefficient n-octanol/water | 0.785 (at 25 °C) |

| Ethylbenzene (100-41-4) | |
|---------------------------------------|-----|
| BCF fish 1 | 15 |
| Partition coefficient n-octanol/water | 3.2 |

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Other information : No other effects known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Must not be disposed together with household garbage. Do not allow product to reach sewage system. Dispose in a safe manner in accordance with local/national regulations.

Additional information : Flammable vapours may accumulate in the container. Hazardous waste due to potential risk of explosion.

SECTION 14: Transport information

Department of Transportation (DOT) and Transportation of Dangerous Goods (TDG)

In accordance with DOT/TDG

UN-No.(DOT/TDG) : UN1950

Proper Shipping Name (DOT/TDG) : Aerosols

Class (DOT/TDG) : Class 2.1 - Flammable gas 49 CFR 173.115

Guide Coat Black

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

Hazard labels (DOT/TDG) :



SECTION 15: Regulatory information

15.1. Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.

15.2. International regulations

No additional information available

15.3. US State regulations

⚠ WARNING: This product can expose you to Ethylbenzene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

SECTION 16: Other information

Revision date : 02/27/2019
Other information : None.
Prepared by : Nexreg Compliance Inc.
www.Nexreg.com



SDS HazCom 2012 - WHMIS 2015 (NexReg)

Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.