



2K Urethane Primer/Surfacer Gray (ONT.5100)

Safety Data Sheet ONT.5100

Date of issue: 02/16/2015 Version: 1.0

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

1.1. Product identifier

Product Code : 5100
Product Name : 2K Urethane Primer/Surfacer Gray
Recommended Use : A paint or paint constituent product

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

1.3. Details of the supplier of the safety data sheet

Supplier
MCGEHEE & MCGEHEE ENTERPRISES INC
120 SOUTH BOGCESS AVENUE
- USA
T (270) 338-4600 - F (270) 338-4602

1.4. Emergency telephone number

Emergency number : 1-800-424-9300 (CHEMTREC)

SECTION 2: Hazards identification

2.1 Overall Nature

Hazardous Mixture, Dangerous Goods

2.2 Classification Reference SANS10234 (1272/2008/EC)

Classification of the substance or mixture
(H225) Flammable liquids, Hazard Category 2
(H315) Skin corrosion/irritation, Hazard Category 2
(H319) Serious eye damage/eye irritation, Hazard Category 2
(H361d) Reproductive toxicity, Hazard Category 2
(H336) Specific target organ toxicity ^ Single Exposure, Hazard category 3, Narcosis
(H373) Specific target organ toxicity ^ Repeated exposure, Hazard Category 2
(H304) Aspiration hazard, Hazard Category 1

2.3 GHS Label Elements, including Precautionary Statements

SIGNAL WORD:
DANGER

PICTOGRAMS:



2K Urethane Primer/Surfacer Gray (ONT.5100)

Safety Data Sheet ONT.5100

2.4 Hazard and Precautionary Statements

2.4.1 Hazard Statements

Highly flammable liquid and vapor
Causes skin irritation
Causes serious eye irritation
Suspected of damaging the unborn child.
May cause drowsiness or dizziness.
May cause damage to organs through prolonged or repeated exposure
May be fatal if swallowed and enters airways

2.4.2 Precautionary Statements

PREVENTION STATEMENTS

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment - if the explosive is electrostatically sensitive.
Use explosion-proof electrical/ventilating/lighting/.../ equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Do not breathe dust/fume/gas/mist/vapors/spray.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Wash ... thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection.
Use personal protective equipment as required.

RESPONSE STATEMENTS

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
IF ON SKIN: Wash with plenty of soap and water.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF exposed or concerned: Get medical advice/attention.
Call a POISON CENTER or doctor/physician if you feel unwell.
Get medical advice/attention if you feel unwell.
Specific treatment (see ... on this label). ... Reference to supplemental first aid instruction.
Do NOT induce vomiting.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.
In case of fire: Use powder/ ... for extinction.

STORAGE STATEMENTS

Store in a well-ventilated place. Keep container tightly closed. - if product is volatile so as to generate hazardous atmosphere.
Store in a well-ventilated place. Keep cool.
Store locked up.

DISPOSAL STATEMENTS

Dispose of contents/container in accordance with local/regional/national/international regulations in accordance with local/regional/national/international regulation.

2K Urethane Primer/Surfacer Gray (ONT.5100)

Safety Data Sheet ONT.5100

SECTION 3: Composition/Information on ingredients

3.1 Product Type

Mixture

3.2 Generic Name

PAINT or PAINT RELATED MATERIAL

3.3 CAS Number

No applicable

3.4 EU Index Number

Not applicable

3.5 UN Number

Not applicable

3.6 Hazardous and/or Other Relevant Components

| Name | % m/m | EC Labels | CAS Number | EC Index |
|-------------------------------|---------|-----------|------------|--------------|
| Toluene | 10-30% | F Xn | 108-88-3 | 601-021-00-3 |
| Dibutyl Tin Compounds (?=TRI) | <0.25 % | T N | NOS | o |
| Xylene | <12.5% | Xn | 1330-20-7 | 601-022-00-9 |
| Butanone | <20% | F Xi | 78-93-3 | 606-002-00-3 |

3.7 Classification Reference SANS 10234 (1272/2008/EC)

| EC Index | Classification Hazard Code |
|--------------|--|
| 601-021-00-3 | Flam. Liq. 2; Repr. 2; Asp. Tox. 1; STOT RE 2; Skin Irrit. 2; STOT SE 3 H225; H361d; H304; H373; H315; H336 o not found in T31 I |
| 601-022-00-9 | Flam. Liq. 3; Acute Tox. 4; Acute Tox. 4; Skin Irrit. 2 H226; H332; H312; H315 I |
| 606-002-00-3 | Flam. Liq. 2; Eye Irrit. 2; STOT SE 3 H225; H319; H336 I |

SECTION 4: First aid measures

4.1 Inhalation

Move to fresh air. In case of discomfort seek medical attention.

4.2 Skin

Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention.

4.3 Eyes

Rinse immediately with plenty of water. Seek medical advice.

4.4 Ingestion

Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical attention.

2K Urethane Primer/Surfacer Gray (ONT.5100)

Safety Data Sheet ONT.5100

SECTION 5: Firefighting measures

5.1 Suitable Extinguishing Media

5.2 Specific Hazards Arising from the Chemical

No direct explosion hazard expected.

Dried residues - combustible with toxic fumes.

SECTION 6: Accidental release measures

Contain & collect. Keep out of drains and sewers.

Wear protective equipment (see Section 8). Keep unprotected persons away.

Do not allow product to reach sewage system or any water course.

Remove ignition sources and provide sufficient ventilation.

SECTION 7: Handling and storage

7.1 Storage

Store separately from any reactive substances - oxidizers in particular.

7.2 Handling

Ensure good ventilation/exhaustion at the workplace.

Do not spray on a naked flame or any incandescent material.

Eating, drinking and smoking in work areas is prohibited.

Wash hands after use.

Remove contaminated clothing and protective equipment before entering eating areas

7.3 Inhalation

In case of insufficient ventilation, use suitable respiratory protection.

7.4 Skin

Use barrier cream and impervious gloves.

7.5 Eyes

Use face shield or goggles. Avoid direct contact.

7.6 Ingestion

Observe the rules of hygiene. Wash before eating, drinking or smoking.

SECTION 8: Exposure controls/personal protection

8.1 Hazardous and/or Other Relevant Components

| Name | CAS # | TWA OEL (mg/m ³) | TWA OEL (ppm) | STOEL (mg/m ³) | STOEL (ppm) | OEL Type | Vap. Press. (mmHg) |
|----------------------------------|----------------|------------------------------|---------------|----------------------------|-------------|----------|--------------------|
| 2K Urethane Primer/Surfacer Gray | Not Applicable | | | | | | |
| COMPONENTS | | - | - | - | - | - | - |
| Toluene | 108-88-3 | 188 | 50 | 560 | 150 | RL+S | 1.9 |
| Dibutyl Tin Compounds (?=TRI) | NOS | | | 0.2 | | Sn S | |
| Xylene | 1330-20-7 | 435 | 100 | 650 | 150 | RL+S | 6.7 |

2K Urethane Primer/Surfacer Gray (ONT.5100)

Safety Data Sheet ONT.5100

| Name | CAS # | TWA OEL (mg/m3) | TWA OEL (ppm) | STOEL (mg/m3) | STOEL (ppm) | OEL Type | Vap. Press. (mmHg) |
|----------|---------|-----------------|---------------|---------------|-------------|----------|--------------------|
| Butanone | 78-93-3 | 590 | 200 | 885 | 300 | RL+ | 105 |

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

8.2 OEL Type: Mixture

Maintain air concentrations below occupational exposure standards, using engineering controls as necessary
Appropriate hand protection and protective clothing must always be used
Keep away from foodstuffs, beverages and feed
Wash hands before breaks and at the end of work

8.3 Paint Type

Mixture of synthetic resins, pigments and solvents

8.4 General PPE Requirements

For Mixing, Brush Application, Roller Application, Pouring, etc.

8.5 Personal Protective Equipment

8.5.1 Skin PPE

Overall and impervious gloves (e.g. nitrile rubber)

8.5.2 Respiratory PPE

Air purifying respirator (e.g. cartridge type)

8.5.3 Eye PPE

Face shield or solvent resistant goggles

8.6 HMIS Rating (USA)

1 - 0 - 0 - 1 (Health-Flam-Reactivity-PPE)

8.7 SAPMA Rating

3-H-E PPE:

Gloves, Respirator and Eye protection



8.8 Spray Booth

| Spray Booth Type | Spray booth complying with National Standards |
|------------------------|--|
| Skin PPE | Nitrile Gloves |
| Eyes PPE | Face shield or solvent resistant goggles |
| Respiratory Protection | Air supplied full face piece or head covering respirator suitable for organic vapors/particulates. |

2K Urethane Primer/Surfacer Gray (ONT.5100)

Safety Data Sheet ONT.5100

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | | |
|---------------------------|---|-------------------------|
| Appearance | : | Water based emulsion |
| Odor | : | Slight |
| pH | : | 6-8 |
| Boiling Point | : | > 100°C |
| Melting Point | : | No data available |
| Flash Point | : | n/a°C |
| Explosive Prop | : | No data available |
| Oxidizing Prop | : | No data available |
| Vapor Pressure | : | No data available |
| Density | : | No data available |
| Water solubility | : | miscible |
| Fat solubility | : | Oil: insoluble |
| Partition Coefficient | : | No data available |
| Viscosity | : | No data available |
| Vapor Density | : | No data available |
| Evaporation Rate | : | No data available |
| Auto Ignition Temperature | : | No data available |
| L.E.L. | : | No data available |
| U.E.L. | : | No data available |
| % non volatile | : | No data available |
| Regulatory VOC | : | 3.62 lbs./gal (434 g/L) |
| Actual VOC | : | 3.62 lbs./gal (434 g/L) |
| Viscosity, dynamic | : | No data available |
| Explosive properties | : | No data available |
| Oxidizing properties | : | No data available |
| Explosion limits | : | No data available |

2K Urethane Primer/Surfacer Gray (ONT.5100)

Safety Data Sheet ONT.5100

SECTION 10: Stability and reactivity

Stable under normal conditions

No reaction with fire-fighting water

SECTION 11: Toxicological information

| NAME | CAS # | LD50 ORAL mg/kg | LD50 SKIN mg/kg | LC50 INHAL (GAS) ppmV | LC50 INHAL (MIST) mg/l |
|--|----------------|--------------------|--------------------|--------------------------|---------------------------|
| 2K Urethane Primer/Surfacer Gray | Not applicable | >500 | - | - | - |
| Components: | - | - | - | - | - |
| Toluene | 108-88-3 | 7000 mg (Rat) | >2000 mg (Rabbit) | | |
| Dibutyl Tin Compounds (? =TRI) | NOS | <500 mg | | | |
| Xylene | 1330-20-7 | 4300 mg (Rat) | 5000 mg (Rabbit) | | |
| Butanone | 78-93-3 | 3400 mg (Rat) | 13000 mg (Rabbit) | | |

| | |
|------------|--|
| Inhalation | Irritating, narcotic, can affect CNS. |
| Skin | Irritating, risk of dermatitis. May be absorbed. |
| Eyes | Irritating. |
| Ingestion | Irritating and nauseating. |

SECTION 12: Ecological information

May have short term environmental effects. Contain, monitor & remove.

| | |
|-------------------------------|--|
| Aquatic Toxicity | No further relevant information available. |
| Persistence and Degradability | No further relevant information available. |
| Bioaccumulative Potential | No further relevant information available. |
| Mobility in Soil | No further relevant information available. |

2K Urethane Primer/Surfacer Gray (ONT.5100)

Safety Data Sheet ONT.5100

Available Ecological Data of Ingredients

| Name | CAS Number | Aquatic Toxicity |
|---------|------------|--|
| Toluene | 108-88-3 | LC50 fathead minnow = 25 mg/L; 96 h |
| | | LC50 rainbow trout = 24 mg/L; 96 h |
| | | LC50 bluegill = 24 mg/L; 96 h |
| | | EC50 water flea = 11.3 mg/L; 48 h |
| | | EC50 water flea = 11.3 mg/L; 48 h |
| Xylene | 1330-20-7 | LC50 (goldfish) = 13 mg/L; 24 hr |
| | | LC50 (rainbow trout) = 13.5 mg/L; 96 h |
| | | EC50 Daphnia magna 3.82 mg/L, 48 h |

SECTION 13: Disposal considerations

Use reputable waste disposal contractors. Exercise caution in disposal of used containers. Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

SECTION 14: Transport information

14.1 UN Number

Not applicable; Not classified as dangerous for transport.

14.2 USA (DOT)

Not applicable; Not classified as dangerous for transport.

14.3 Canada (TDG)

Not applicable; Not classified as dangerous for transport.



SECTION 15: Regulatory information

15.1 Canadian DSL Inventory

Components are listed on inventory list.

15.2 USA TSCA Inventory

Components are listed on inventory list.

15.3 Canada

WHMIS

B-2: Flammable liquid with Flash Point lower than 37.8°C (100°F)

D-2B: Material causing other toxic effects.

2K Urethane Primer/Surfacer Gray (ONT.5100)

Safety Data Sheet ONT.5100

SECTION 16: Other information

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

HMIS Rating (USA): 1-0-0-I (Health-Flam-Reactivity-PPE)

Hazard (H) phrases associated with components

H225: Highly flammable liquid and vapor
H226: Flammable liquid and vapor
H304: May be fatal if swallowed and enters airways
H312: Harmful in contact with skin
H315: Causes skin irritation
H319: Causes serious eye irritation
H332: Harmful if inhaled.
H336: May cause drowsiness or dizziness
H361d: Suspected of damaging the unborn child
H373: May cause damage to organs through prolonged or repeated exposure

Abbreviations

Code : Abbreviation : Meaning

F : highly flammable
N : dangerous for the environment
T : toxic
Xi : irritant
Xn : harmful
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: : Associated pictogram code shown in brackets
H225 : Flam. Liq. 2 : (GHS02) Flammable liquids, Hazard Category 2
H226 : Flam. Liq. 3 : (GHS02) Flammable liquids, Hazard Category 3
H304 : Asp. Tox. 1 : (GHS08) Aspiration hazard, Hazard Category 1
H312 : Acute Tox. 4 : (GHS07) Acute toxicity (dermal), Hazard Category 4
H315 : Skin Corr/Irrit. 2 : (GHS07) Skin corrosion/irritation, Hazard Category 2
H319 : Eye Dam/Irrit 2 : (GHS07) Serious eye damage/eye irritation, Hazard Category 2
H332 : Acute Tox. 4 : (GHS07) Acute toxicity (inhalation), Hazard Category 4
H336 : STOT SE 3 : (GHS07) Specific target organ toxicity ^ Single exposure, Hazard Category 3, Narcosis
H361d : Repr. 2 : (GHS08) Reproductive toxicity, Hazard Category 2
H373 : STOT RE 2 : (GHS08) Specific target organ toxicity ^ Repeated exposure, Hazard Category 2
=====
: %m/m : Percent by mass
: ACGIH : American Conference of Governmental Industrial Hygienist
: ATE : Acute Toxicity Estimate
: CAS : Chemical Abstracts Service
: CHIP : Chemicals (Hazard Information and Packaging for supply)
: CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
: CNS : Central Nervous System
: DIN : Standard of the German Institute for Standardization
: DOT : Department of Transport
: EC : European Community
: EC50 : Effective Concentration (Median) for 50% of the response under test
: ECB : European Chemicals Bureau
: ECHA : European Chemicals Agency, Helsinki (http://echa.europa.eu/home_en.asp)
: EEC : European Economic Community
: EINECS : European Inventory of Existing Chemical Substances
: ELINCS : European List of Notified Chemical Substances
: GHS : Globally Harmonized System of Classification and Labelling of Chemicals
: HMIS : Hazardous Materials Information System (USA only)
: IATA : International Air Transport Association
: IMDG : International Maritime Dangerous Goods Code
: IMO : International Maritime Organization
: INS : Guidance on Identification and Naming of Substances under REACH, ECHA, 2007
: ISO : International Standards Organization
: L.E.L. : Lower explosive limit
: LD50/LC50 : Median (50%) lethal dose/concentration
: mg/m3 : Milligrams per cubic meter
: MSDS : Material safety data sheet
: n/a. : Not available
: NC : No Classification
: No : Number
: OEL : Occupational exposure limit
: OEL-CL : Occupational exposure limit - control limit
: OEL-RL : Occupational exposure limit - recommended limit
: OHS Act : Occupational Health and Safety Act
: P statement : Precautionary statement
: PEL : Permissible Exposure Limit
: PPE : Personal protective equipment
: ppm : Parts per million
: REACH : Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals
: RTDG : Regulations on the Transport of Dangerous Goods. Generic term that covers all modal transport regulations (ADR, RID, ADN, IMDG and ITDG)
: SABS : South African Bureau of Standards
: SANS : South African National Standards
: SAPMA : South African Paint Manufacturers Association
: SARA 313 : Toxic Release Inventory Reporting SRA Section 3
: SDS : Safety Data Sheet
: STOEL : Short-term occupational exposure limit
: STOT-RE : Specific Target Organ Toxicity - Repeated Exposure
: STOT-SE : Specific Target Organ Toxicity - Single Exposure
: TDG : Transport of Dangerous Goods
: TSCA : Toxic Substance Control Act (USA only)
: TWA : Time weighted average
: U.E.L. : Upper explosive limit
: UN : United Nations
: WHMIS : Workplace Hazardous Materials Information Systems (Canada only)

2K Urethane Primer/Surfacer Gray (ONT.5100)

Safety Data Sheet ONT.5100

This SDS conforms with General Administrative Regulations of 6 Sept. 1996 (SANS1 1014:2010/ISO1 1014:2009)

OEL's derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug. 1995 (EH-42). All information is given in good faith but without guarantee in respect of accuracy. No responsibility is accepted for errors or omissions or the consequences thereof.

While all information is accurate to the best of our knowledge, we continue updating ALL SDS document formats in accordance with the most recent GHS mandated changes.

Date of issue: 2/16/2015

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