# Safety Data Sheet
**according to WHS Regulations**

*Printing date 03.10.2017* *Version number 13* *Revision: 03.10.2017*

## 1 Identification

· **Product identifier**

· **Trade name: 42013 High Build Primer Gray**

· **Article number:** 42013
· **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
· **Application of the substance / the mixture** Coating

· **Details of the supplier of the safety data sheet**
· **Manufacturer/Supplier:**
SEM Products Inc.
1685 Overview Drive
Rock Hill, SC 29730
803 207 8225

Sydney Automotive Paints and Equipment Pty Ltd
Unit 3A, 366 Edgar Street
Condell Park, 2200 NSW, Australia
02 9772 9000 FAX: 02 9772 9001
reception@sape.com.au

· **Further information obtainable from:**
cust_care@semproducts.com : SEM Products,Inc.: phone 1-800-831- 1122, M - TH 7am - 4pm EDT
· **Emergency telephone number:** Poison Information Centre Call 13 11 26 (Australia)

## 2 Hazard(s) Identification

· **Classification of the substance or mixture**

flame

Aerosol 1 H222 Extremely flammable aerosol.

health hazard

Repr. 2 H361 Suspected of damaging fertility or the unborn child.
STOT SE 2 H371 May cause damage to organs.
STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.
Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2A H319 Causes serious eye irritation.
STOT SE 3 H336 May cause drowsiness or dizziness.

· **Label elements**
· **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).

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· ***Hazard pictograms***

GHS02 GHS07 GHS08

· ***Signal word*** *Danger*

· ***Hazard-determining components of labelling:***
*toluene*
*Quartz (SiO2)*
*methanol*

· ***Hazard statements***
*H222 Extremely flammable aerosol.*
*H315 Causes skin irritation.*
*H319 Causes serious eye irritation.*
*H361 Suspected of damaging fertility or the unborn child.*
*H371 May cause damage to organs.*
*H336 May cause drowsiness or dizziness.*
*H373 May cause damage to organs through prolonged or repeated exposure.*
*H304 May be fatal if swallowed and enters airways.*

· ***Precautionary statements***

| | |
|---|---|
| *P210* | *Keep away from heat/sparks/open flames/hot surfaces. No smoking.* |
| *P301+P310* | *IF SWALLOWED: Immediately call a POISON CENTER/ doctor.* |
| *P305+P351+P338* | *IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.* |
| *P405* | *Store locked up.* |
| *P410+P412* | *Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.* |
| *P501* | *Dispose of contents/container in accordance with local/regional/national/international regulations.* |

· ***Other hazards***
· ***Results of PBT and vPvB assessment***
· ***PBT:*** *Not applicable.*
· ***vPvB:*** *Not applicable.*

## *3 Composition and Information on Ingredients*

· ***Chemical characterisation: Mixtures***
· ***Description:*** *Mixture: consisting of the following components.*

· ***Dangerous components:***

| | | |
|---|---|---|
| *68476-86-8* | *Petroleum gases, liquefied, sweetened*<br>*Flam. Gas 1, H220; Press. Gas C,H280* | *13-30%* |
| *67-64-1* | *acetone*<br>*Flam. Liq. 2, H225; Eye Irrit. 2A, H319; STOT SE 3,H336* | *13-30%* |
| *108-88-3* | *toluene*<br>*Flam. Liq. 2, H225; Repr. 2, H361; STOT RE 2, H373; Asp. Tox. 1, H304; Skin Irrit. 2, H315; STOT SE 3, H336* | *13-30%* |

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| | | |
|---|---|---|
| 14808-60-7 | Quartz (SiO2)<br>STOT SE 2, H371; Eye Irrit. 2A,H319 | 13-30% |
| 110-19-0 | isobutyl acetate<br>Flam. Liq. 2, H225 | 7-10% |
| 123-86-4 | n-butyl acetate<br>Flam. Liq. 3, H226; STOT SE 3, H336 | 1.5-5% |
| 78-93-3 | butanone<br>Flam. Liq. 2, H225; Eye Irrit. 2A, H319; STOT SE 3, H336 | 1.5-5% |

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

## 4 First Aid Measures

· **Description of first aid measures**
· **After inhalation:** In case of unconsciousness place patient stably in side position for transportation.
· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
· **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
· **After swallowing:** If symptoms persist consult doctor.
· **Information for doctor:**
· **Most important symptoms and effects, both acute and delayed** No further relevant information available.
· **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

## 5 Fire Fighting Measures

· **Extinguishing media** **Hazchem:** 2YE
· **Suitable extinguishing agents:**
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
· **Special hazards arising from the substance or mixture** No further relevant information available.
· **Advice for firefighters**
· **Protective equipment:** Wear self-contained respiratory protective device.

## 6 Accidental Release Measures

· **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
· **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
· **Methods and material for containment and cleaning up:**
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
· **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.



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## 7 Handling and Storage

· **Handling:**
· **Precautions for safe handling** No special measures required.
· **Information about fire - and explosion protection:**
Do not spray onto a naked flame or any incandescent material.
Keep ignition sources away - Do not smoke.
Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

· **Conditions for safe storage, including any incompatibilities**
· **Storage:**
· **Requirements to be met by storerooms and receptacles:**
Observe official regulations on storing packagings with pressurised containers.
· **Information about storage in one common storage facility:** Store away from oxidising agents.
· **Further information about storage conditions:** Keep container tightly sealed.
· **Specific end use(s)** No further relevant information available.

## 8 Exposure controls and personal protection

· **Additional information about design of technical facilities:** No further data; see item 7.

· **Control parameters**

| · **Ingredients with limit values that require monitoring at the workplace:** | |
|---|---|
| **67-64-1 acetone** | |
| WES (Australia) | Short-term value: 2375 mg/m³, 1000 ppm<br>Long-term value: 1185 mg/m³, 500 ppm |
| **108-88-3 toluene** | |
| WES (Australia) | Short-term value: 574 mg/m³, 150 ppm<br>Long-term value: 191 mg/m³, 50 ppm<br>Sk |
| **14808-60-7 Quartz (SiO2)** | |
| WES (Australia) | Long-term value: 0.1 mg/m³<br>respirable dust |
| **110-19-0 isobutyl acetate** | |
| WES (Australia) | Long-term value: 713 mg/m³, 150 ppm |
| **123-86-4 n-butyl acetate** | |
| WES (Australia) | Short-term value: 950 mg/m³, 200 ppm<br>Long-term value: 713 mg/m³, 150 ppm |
| **78-93-3 butanone** | |
| WES (Australia) | Short-term value: 890 mg/m³, 300 ppm<br>Long-term value: 445 mg/m³, 150 ppm |

· **Additional information:** The lists valid during the making were used as basis.

· **Exposure controls**
· **Personal protective equipment:**
· **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing

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*Wash hands before breaks and at the end of work.*
*Store protective clothing separately.*
*Avoid contact with the eyes and skin.*

· **Respiratory protection:**
*In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.*

· **Protection of hands:**
*Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.*
*Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation*

*Protective gloves*

*The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.*

· **Material of gloves**
*The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.*

· **Penetration time of glove material**
*The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.*

· **Eye protection:**
*Safety glasses*

*Tightly sealed goggles*

## 9 Physical and Chemical Properties

| | |
|---|---|
| · **Information on basic physical and chemical properties** | |
| · **General Information** | |
| · **Appearance:** | |
| **Form:** | *Aerosol* |
| **Colour:** | *Grey* |
| · **Odour:** | *Characteristic* |
| · **Odour threshold:** | *Not determined.* |
| · **pH-value:** | *Not determined.* |
| · **Change in condition** | |
| **Melting point/freezing point:** | *Undetermined.* |
| **Initial boiling point and boiling range:** | *55 °C* |
| · **Flash point:** | *-103 °C* |
| · **Flammability (solid, gas):** | *Not applicable.* |
| · **Ignition temperature:** | *405 °C* |
| · **Decomposition temperature:** | *Not determined.* |

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| | |
|---|---|
| · **Auto-ignition temperature:** | Product is not selfigniting. |
| · **Explosive properties:** | In use, may form flammable/explosive vapour-air mixture. |
| · **Explosion limits:** | |
| **Lower:** | 1.2 Vol % |
| **Upper:** | 13 Vol % |
| · **Vapour pressure at 20 °C:** | 233 hPa |
| · **Density at 20 °C:** | 0.8154 g/cm³ |
| · **Relative density** | Not determined. |
| · **Vapour density** | Not determined. |
| · **Evaporation rate** | Not applicable. |
| · **Solubility in / Miscibility with water:** | Not miscible or difficult to mix. |
| · **Partition coefficient: n-octanol/water:** | Not determined. |
| · **Viscosity:** | |
| **Dynamic:** | Not determined. |
| **Kinematic:** | Not determined. |
| · **Solvent content:** | |
| **Organic solvents:** | 77.3 % |
| **Water:** | 0.0 % |
| **VOC (EC)** | 630.3 g/l |
| **Solids content:** | 22.7 % |
| · **Other information** | No further relevant information available. |

## 10 Stability and Reactivity

· **Reactivity** No further relevant information available.
· **Chemical stability**
· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
· **Possibility of hazardous reactions** No dangerous reactions known.
· **Conditions to avoid** No further relevant information available.
· **Incompatible materials:** No further relevant information available.
· **Hazardous decomposition products:**
Nitrogen oxides
Hydrocarbons
Carbon monoxide and carbon dioxide

## 11 Toxicological Information

· **Information on toxicological effects**
· **Acute toxicity**

· **LD/LC50 values relevant for classification:**

**108-88-3 toluene**

| | | |
|---|---|---|
| Oral | LD50 | 5,000 mg/kg (rat) |

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| | | |
|---|---|---|
| Dermal | LD50 | 12,124 mg/kg (rabbit) |
| Inhalative | LC50/4 h | 5,320 mg/l (mouse) |

· **Primary irritant effect:**
· **Skin corrosion/irritation** Irritant to skin and mucous membranes.
· **Serious eye damage/irritation** Irritating effect.
· **Respiratory or skin sensitisation** No sensitising effects known.
· **Additional toxicological information:**
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Irritant
· **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)**
Repr. 2

## 12 Ecological Information

· **Toxicity**
· **Aquatic toxicity:** No further relevant information available.
· **Persistence and degradability** No further relevant information available.
· **Behaviour in environmental systems:**
· **Bioaccumulative potential** No further relevant information available.
· **Mobility in soil** No further relevant information available.
· **Additional ecological information:**
· **General notes:**
Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water
Do not allow product to reach ground water, water course or sewage system, even in small quantities.
Danger to drinking water if even extremely small quantities leak into the ground.
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.
· **Other adverse effects** No further relevant information available.

## 13 Disposal considerations

· **Waste treatment methods**
· **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packaging:**
· **Recommendation:** Disposal must be made according to official regulations.

## 14 Transport information

· **UN-Number**
· **ADG, IMDG, IATA** UN1950

· **UN proper shipping name**
· **ADG** 1950 AEROSOLS
· **IMDG** AEROSOLS

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| | |
|---|---|
| · **IATA** | AEROSOLS, flammable |
| · **Transport hazard class(es)** | |
| · **ADG** | |
|  | |
| · **Class** | 2 5F Gases. |
| · **Label** | 2.1 |
| · **IMDG, IATA** | |
|  | |
| · **Class** | 2.1 |
| · **Label** | 2.1 |
| · **Packing group** | |
| · **ADG, IMDG, IATA** | Void |
| · **Environmental hazards:** | |
| · **Marine pollutant:** | No |
| · **Special precautions for user** | Warning: Gases. |
| · **EMS Number:** | F-D,S-U |
| · **Stowage Code** | SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters. |
| · **Segregation Code** | SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2. |
| · **Transport in bulk according to Annex II of Marpol and the IBC Code** | Not applicable. |
| · **Transport/Additional information:** | |
| · **ADG** | |
| · **Limited quantities (LQ)** | 1L |
| · **Excepted quantities (EQ)** | Code: E0 Not permitted as Excepted Quantity |
| · **Transport category** | 2 |
| · **Tunnel restriction code** | D |
| · **IMDG** | |
| · **Limited quantities (LQ)** | 1L |

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| | |
|---|---|
| · ***Excepted quantities (EQ)*** | *Code: E0*<br>*Not permitted as Excepted Quantity* |
| · ***UN "Model Regulation":*** | *UN 1950 AEROSOLS, 2.1* |
| · ***Hazchem:*** | *2YE* |

## *15 Regulatory information*

· ***Safety, health and environmental regulations/legislation specific for the substance or mixture***

· ***Australian Inventory of Chemical Substances***

| | |
|---|---|
| *68476-86-8* | *Petroleum gases, liquefied, sweetened* |
| *67-64-1* | *acetone* |
| *108-88-3* | *toluene* |
| *14808-60-7* | *Quartz (SiO2)* |
| *110-19-0* | *isobutyl acetate* |
| *123-86-4* | *n-butyl acetate* |
| *13463-67-7* | *titanium dioxide* |
| *78-93-3* | *butanone* |
| *14807-96-6* | *Talc* |
| *68911-87-5* | *montmorilontie clay complex* |
| *16883-83-3* | *benzyl 3-isobutryloxy-1-isopropyl-2-2-dimethylpropyl phthalate* |
| *67-56-1* | *methanol* |
| *51274-00-1* | *YELLOW IRON OXIDE* |
| *1333-86-4* | *Carbon black* |
| *111-76-2* | *2-butoxyethanol* |
| *1330-20-7* | *xylene* |
| *7447-41-8* | *lithium chloride* |
| *100-41-4* | *ethylbenzene* |
| *7732-18-5* | *water* |

· ***Standard for the Uniform Scheduling of Medicines and Poisons***

| | | |
|---|---|---|
| *67-64-1* | *acetone* | *S5* |
| *108-88-3* | *toluene* | *S6* |
| *78-93-3* | *butanone* | *S5* |
| *67-56-1* | *methanol* | *S5, S6* |
| *111-76-2* | *2-butoxyethanol* | *S6* |
| *1330-20-7* | *xylene* | *S6* |

· ***GHS label elements*** *The product is classified and labelled according to the Globally Harmonised System (GHS).*

· ***Hazard pictograms***

GHS02 GHS07 GHS08

· ***Signal word*** *Danger*

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· **Hazard-determining components of labelling:**
toluene
Quartz (SiO2)
methanol
· **Hazard statements**
H222 Extremely flammable aerosol.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H361 Suspected of damaging fertility or the unborn child.
H371 May cause damage to organs.
H336 May cause drowsiness or dizziness.
H373 May cause damage to organs through prolonged or repeated exposure.
H304 May be fatal if swallowed and enters airways.
· **Precautionary statements**

| | |
|---|---|
| P210 | Keep away from heat/sparks/open flames/hot surfaces. No smoking. |
| P301+P310 | IF SWALLOWED: Immediately call a POISON CENTER/ doctor. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P405 | Store locked up. |
| P410+P412 | Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. |
| P501 | Dispose of contents/container in accordance with local/regional/national/international regulations. |

· **Directive 2012/18/EU**
· **Named dangerous substances - ANNEX I** None of the ingredients is listed.
· **Seveso category** P3a FLAMMABLE AEROSOLS
· **Qualifying quantity (tonnes) for the application of lower-tier requirements** 150 t
· **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t
· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**
H220 Extremely flammable gas.
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H280 Contains gas under pressure; may explode if heated.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H361 Suspected of damaging fertility or the unborn child.
H371 May cause damage to organs.
H373 May cause damage to organs through prolonged or repeated exposure.

· **Department issuing SDS:** Environmental Protection Department
· **Contact:** 02 9772 9000
· **Abbreviations and acronyms:**
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

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*ICAO: International Civil Aviation Organisation*
*ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)*
*IMDG: International Maritime Code for Dangerous Goods*
*IATA: International Air Transport Association*
*EINECS: European Inventory of Existing Commercial Chemical Substances*
*ELINCS: European List of Notified Chemical Substances*
*CAS: Chemical Abstracts Service (division of the American Chemical Society)*
*VOC: Volatile Organic Compounds (USA, EU)*
*LC50: Lethal concentration, 50 percent*
*LD50: Lethal dose, 50 percent*
*PBT: Persistent, Bioaccumulative and Toxic*
*vPvB: very Persistent and very Bioaccumulative*
*Flam. Gas 1: Flammable gases – Category 1*
*Aerosol 1: Aerosols – Category 1*
*Press. Gas C: Gases under pressure – Compressed gas*
*Flam. Liq. 2: Flammable liquids – Category 2*
*Flam. Liq. 3: Flammable liquids – Category 3*
*Skin Irrit. 2: Skin corrosion/irritation – Category 2*
*Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A*
*Repr. 2: Reproductive toxicity – Category 2*
*STOT SE 2: Specific target organ toxicity (single exposure) – Category 2*
*STOT SE 3: Specific target organ toxicity (single exposure) – Category 3*
*STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2*
*Asp. Tox. 1: Aspiration hazard – Category 1*