

Safety Data Sheet

Printing date 01/09/2018

Revised On 01/09/2018

1 Identification of the substance and manufacturer

Trade name: GRAY PRIMER
Product code: BD12000000
Recommended use: Paint and coating applications.
Uses advised against: Any that differs from the recommended use.
Manufacturer/Supplier: Class C Solutions Group, a business of MSC Industrial Supply Co.
 75 Maxess Road
 Melville NY 11747-3151
 1-866-438-6767
 2595 Skymark Ave. Suite 202
 Mississauga, ON L4W 4L5
Emergency telephone number: 1-800-255-3924

2 Hazard(s) identification

Classification of the substance or mixture

Flam. Aerosol 1 H222 Extremely flammable aerosol.
 Press. Gas H280 Contains gas under pressure; may explode if heated.
 Eye Irrit. 2A H319 Causes serious eye irritation.
 STOT SE 3 H336 May cause drowsiness or dizziness.
 STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

GHS Hazard pictograms



GHS02 GHS04 GHS07 GHS08

Signal word

Danger

Hazard statements

Extremely flammable aerosol.
 Contains gas under pressure; may explode if heated.
 Causes serious eye irritation.
 May cause drowsiness or dizziness.

Precautionary statements

May cause damage to organs through prolonged or repeated exposure.
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 Do not spray on an open flame or other ignition source.
 Pressurized container: Do not pierce or burn, even after use.
 Do not breathe dust/fume/gas/mist/vapors/spray.
 Wash hands thoroughly after handling.
 Use only outdoors or in a well-ventilated area.
 Wear protective gloves/protective clothing/eye protection/face protection.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 Call a poison center/doctor if you feel unwell.
 If eye irritation persists: Get medical advice/attention.
 Store in a well-ventilated place.
 Store locked up.
 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
 Dispose of contents/container in accordance with local/regional/national/international regulations.

3 Composition/information on ingredients

Chemical characterization: Mixtures

Chemical Description:

This product is a mixture of the substances listed below with nonhazardous additions.

Dangerous components:

| | | |
|------------|-------------------|--------|
| 67-64-1 | Acetone | 22.77% |
| 74-98-6 | propane | 12.6% |
| 110-19-0 | Isobutyl Acetate | 11.15% |
| 106-97-8 | n-butane | 7.4% |
| 13463-67-7 | titanium dioxide | 7.29% |
| 64742-89-8 | VM&P Naphtha | 5.45% |
| 14807-96-6 | Talc | 4.91% |
| 64-17-5 | ethyl alcohol | 3.74% |
| 64742-47-8 | Mineral Spirits | 3.036% |
| 123-86-4 | butyl acetate | 2.76% |
| 108-65-6 | PM acetate | 1.28% |
| 67-63-0 | Isopropyl Alcohol | 1.24% |

4 First-aid measures

After inhalation:

Supply fresh air; consult doctor in case of complaints.

After skin contact:

Remove contaminated clothing. Wash exposed area with soap and water.

After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

Rinse mouth with water. Do not induce vomiting.

Most important symptoms and effects:

Dizziness

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Indication of any immediate medical attention needed:

No further relevant information available.

5 Fire-fighting measures

Extinguishing agents: CO₂, extinguishing powder or water spray. Fight larger fires with water spray.
Special hazards: Can form explosive gas-air mixtures.
Protective equipment for firefighters: A respiratory protective device may be necessary.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures: Use respiratory protective device against the effects of fumes/dust/aerosol.
Methods and material for containment and cleaning up: Absorb liquid components with liquid-binding material.

7 Handling and storage

Precautions for safe handling: Use only in well ventilated areas.
Storage requirements: Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.

8 Exposure controls/personal protection**Components with limit values that require monitoring at the workplace:****67-64-1 Acetone**

| | |
|-----------|---|
| PEL (USA) | Long-term value: 2400 mg/m ³ , 1000 ppm |
| REL (USA) | Long-term value: 590 mg/m ³ , 250 ppm |
| TLV (USA) | Short-term value: 1187 mg/m ³ , 500 ppm Long-term value: 594 mg/m ³ , 250 ppm BEI |

74-98-6 propane

| | |
|-----------|--|
| PEL (USA) | Long-term value: 1800 mg/m ³ , 1000 ppm |
| REL (USA) | Long-term value: 1800 mg/m ³ , 1000 ppm |
| TLV (USA) | refer to Appendix F in TLVs&BEIs book; D, EX |

110-19-0 Isobutyl Acetate

| | |
|-----------|--|
| PEL (USA) | Long-term value: 700 mg/m ³ , 150 ppm |
| REL (USA) | Long-term value: 700 mg/m ³ , 150 ppm |
| TLV (USA) | Short-term value: 712 mg/m ³ , 150 ppm Long-term value: 238 mg/m ³ , 50 ppm |

106-97-8 n-butane

| | |
|-----------|---|
| REL (USA) | Long-term value: 1900 mg/m ³ , 800 ppm |
| TLV (USA) | Short-term value: 2370 mg/m ³ , 1000 ppm (EX) |

64-17-5 ethyl alcohol

| | |
|-----------|---|
| PEL (USA) | Long-term value: 1900 mg/m ³ , 1000 ppm |
| REL (USA) | Long-term value: 1900 mg/m ³ , 1000 ppm |
| TLV (USA) | Short-term value: 1880 mg/m ³ , 1000 ppm |

123-86-4 butyl acetate

| | |
|-----------|--|
| PEL (USA) | Long-term value: 710 mg/m ³ , 150 ppm |
| REL (USA) | Long-term value: 950 mg/m ³ , 200 ppm |
| TLV (USA) | Short-term value: 712 mg/m ³ , 150 ppm Long-term value: 238 mg/m ³ , 50 ppm |

108-65-6 PM acetate

| | |
|------------|-------------------------|
| WEEL (USA) | Long-term value: 50 ppm |
|------------|-------------------------|

67-63-0 Isopropyl Alcohol

| | |
|-----------|--|
| PEL (USA) | Long-term value: 980 mg/m ³ , 400 ppm |
| REL (USA) | Short-term value: 1225 mg/m ³ , 500 ppm Long-term value: 980 mg/m ³ , 400 ppm |
| TLV (USA) | Short-term value: 984 mg/m ³ , 400 ppm Long-term value: 492 mg/m ³ , 200 ppm BEI |

Ingredients with biological limit values:**67-64-1 Acetone**

| | |
|-----------|--|
| BEI (USA) | 50 mg/L Medium: urine Time: end of shift Parameter: Acetone (nonspecific) |
|-----------|--|

67-63-0 Isopropyl Alcohol

| | |
|-----------|---|
| BEI (USA) | 40 mg/L Medium: urine Time: end of shift at end of workweek Parameter: Acetone (background, nonspecific) |
|-----------|---|

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| | |
|-----------------------------|---|
| Hygienic protection: | Immediately remove all soiled and contaminated clothing. Wash hands after use. Avoid contact with the eyes and skin. Do not eat or drink while working. |
| Breathing equipment: | A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene. |
| Hand protection: | Nitrile gloves. The glove material must be impermeable and resistant to the substance. |
| Eye protection: | Tightly sealed goggles |

9 Physical and chemical properties

| | |
|--|--|
| Appearance: | Aerosol. |
| Odor: | Aromatic |
| Odor threshold: | Not determined. |
| pH-value: | Not determined. |
| Melting point/Melting range | Undetermined. |
| Boiling point: | -44 °C (-47.2 °F) |
| Flash point: | -19 °C (-2.2 °F) |
| Flammability (solid, gas): | Extremely flammable. |
| Decomposition temperature: | Not determined. |
| Auto igniting: | Product is not self-igniting. |
| Danger of explosion: | In use, may form flammable/explosive vapour-air mixture. |
| Lower Explosion Limit: | 1.7 Vol % |
| Upper Explosion Limit: | 10.9 Vol % |
| Vapor pressure: | Not determined. |
| Relative Density: | Between 0.77 and 0.85 (Water equals 1.00) |
| Vapor density | Not determined. |
| Evaporation rate | Not applicable. |
| Partition coefficient: n-octonal/water: | Not determined. |
| Solubility: | Not determined. |
| Viscosity: | Not determined. |
| Water: | 0.0 % |

10 Stability and reactivity

| | |
|--|--|
| Reactivity: | Stable at normal temperatures. |
| Conditions to avoid: | Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures. |
| Chemical stability: | Not fully evaluated. |
| Possibility of hazardous reactions: | No dangerous reactions known. |
| Incompatible materials: | No further relevant information available. |
| Hazardous decomposition: | No dangerous decomposition products known. |

11 Toxicological information

LD/LC50 values that are relevant for classification:

110-19-0 Isobutyl Acetate

Oral LD50 4,763 mg/kg (rbt)

106-97-8 n-butane

Inhalative LC50/4 h 658 mg/l (rat)

13463-67-7 titanium dioxide

Oral LD50 >20,000 mg/kg (rat)

Dermal LD50 >10,000 mg/kg (rbt)

Inhalative LC50/4 h >6.82 mg/l (rat)

64-17-5 ethyl alcohol

Oral LD50 7,060 mg/kg (rat)

Inhalative LC50/4 h 20,000 mg/l (rat)

123-86-4 butyl acetate

Oral LD50 14,000 mg/kg (rat)

Inhalative LC50/4 h >21 mg/l (rat)

108-65-6 PM acetate

Oral LD50 8,500 mg/kg (rat)

Inhalative LC50/4 h 35.7 mg/l (rat)

67-63-0 Isopropyl Alcohol

Oral LD50 4,570 mg/kg (rat)

Dermal LD50 13,400 mg/kg (rab)

Inhalative LC50/4 h 30 mg/l (rat)

Information on toxicological effects: No data available.**Skin effects:** No irritant effect.**Eye effects:** Irritating effect.

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Sensitization: No sensitizing effects known.

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12 Ecological information

Aquatic toxicity: Hazardous for water, do not empty into drains.
Persistence and degradability: The product is degradable after prolonged exposure to natural weathering processes.
Bioaccumulative potential: No further relevant information available.
Mobility in soil: No further relevant information available.
Other adverse effects: No further relevant information available.

13 Disposal considerations

Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.
Recommendation: Completely empty cans should be recycled.

14 Transport information

| | |
|--------------------------------------|--|
| UN-Number | UN1950 |
| DOT | N/A |
| DOT | Consumer Commodity ORM-D |
| ADR | Aerosols, flammable |
| Transport hazard class(es): | 1950 Aerosols |
| Class | 2.1 |
| 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. |
| Quantity limitations | On passenger aircraft/rail: 75 kg On cargo aircraft only: 150 kg |
| ----- | |
| ADR | |
| Excepted quantities (EQ) | Code: E0 Not permitted as Excepted Quantity |
| ----- | |
| IMDG | |
| Limited quantities (LQ) | 1L |
| Excepted quantities (EQ) | Code: E0 Not permitted as Excepted Quantity |
| Packaging Group: | -- |
| UN "Model Regulation": | UN 1950 AEROSOLS, 2.1 |

15 Regulatory information

SARA Section 355 (extremely hazardous substances):

None of the ingredients in this product are listed.

SARA Section 313 (Specific toxic chemical listings):

67-63-0 Isopropyl Alcohol

Toxic Substances Control Act (TSCA):

All hazardous ingredients for this product are found on the inventory list of substances.

Consumer Product Safety Commission (CPSC):

This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

California Proposition 65 chemicals known to cause cancer:

| | |
|------------|------------------------|
| 13463-67-7 | titanium dioxide |
| 108-10-1 | methyl isobutyl ketone |
| 100-41-4 | ethyl benzene |
| 1333-86-4 | Carbon black |

California Proposition 65 chemicals known to cause birth defects or reproductive harm:

67-56-1 Methanol

108-10-1 methyl isobutyl ketone

CANADIAN ENVIRONMENTAL PROTECTION ACT:**WHMIS Symbols for Canada:**

All hazardous ingredients for this product appear on the Canadian Domestic Substance List.

A - Compressed gas
D2B - Toxic material causing other toxic effects**EPA:**

67-64-1 Acetone

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110-19-0 Isobutyl Acetate

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16 Other information**Contact:** Regulatory Affairs
Date of preparation / last revision 01/09/2018 / -