

Safety Data Sheet

acc. to OSHA HCS

Printing date 09/25/2014

Revised On 09/25/2014

1 Identification of the substance and manufacturer

Trade name: Maxx Kote Primer Gray
Product code: 8103, 9963, 8303
Product category: Paint and Coatings
Manufacturer/Supplier: Tifco Industries, Inc.
 PO Box 40277
 Houston, TX 77240
 Phone: 281-571-6000
Emergency telephone number: Chem-Tel: 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.
 Carc. 2 H351 Suspected of causing cancer.
 Repr. 2 H361 Suspected of damaging fertility or the unborn child.
 Skin Irrit. 2 H315 Causes skin irritation.
 Eye Irrit. 2A H319 Causes serious eye irritation.
 STOT SE 3 H336 May cause drowsiness or dizziness.

GHS Hazard pictograms



GHS02 GHS04 GHS07 GHS08

Signal word

Hazard statements

Danger

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

Precautionary statements

If medical advice is needed, have product container or label at hand.
 Keep out of reach of children.
 Read label before use.
 Obtain special instructions before use.
 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.
 Wash hands thoroughly after handling.
 Use only outdoors or in a well-ventilated area.
 Do not handle until all safety precautions have been read and understood.
 Wear protective gloves/protective clothing/eye protection/face protection.
 Avoid breathing dust/fume/gas/mist/vapours/spray.
 Use personal protective equipment as required.
 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 skin irritation occurs: Get medical advice/attention.
 IF ON SKIN: Wash with plenty of water.
 Take off contaminated clothing and wash before reuse.
 IF exposed or concerned: Get medical advice/attention.
 If eye irritation persists: Get medical advice/attention.
 Specific treatment (see on this label).
 Store locked up.
 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
 Store in a well-ventilated place. Keep container tightly closed.
 Dispose of contents/container in accordance with local/regional/national/international regulations.

3 Composition/information on ingredients

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

Dangerous components:

| | | |
|------------|------------------|--------|
| 67-64-1 | Acetone | 23.24% |
| 74-98-6 | propane | 12.6% |
| 13463-67-7 | titanium dioxide | 7.43% |
| 106-97-8 | n-butane | 7.4% |
| 108-88-3 | Toluene | 6.08% |
| 64742-89-8 | VM&P Naphtha | 5.62% |
| 14807-96-6 | Talc | 4.3% |
| 1330-20-7 | xylene (mix) | 3.96% |
| 64-17-5 | ethyl alcohol | 3.81% |
| 64742-47-8 | Mineral Spirits | 3.0% |

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| | | |
|----------|------------------|-------|
| 123-86-4 | n-butyl acetate | 2.67% |
| 110-19-0 | isobutyl acetate | 1.52% |
| 108-65-6 | PM acetate | 1.31% |

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 out mouth and then drink plenty of water. Rinse mouth with water. Do not induce vomiting. |
| Most important symptoms and effects: | Dizziness |
| Indication of any immediate medical attention needed: | No further relevant information available. |

5 Fire-fighting measures

| | |
|--|---|
| Extinguishing agents: | CO ₂ , 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: | Wear protective equipment. Keep unprotected persons away. Use respiratory protective device against the effects of fumes/dust/aerosol. |
| Methods and material for containment and cleaning up: | Ensure adequate ventilation. Dispose contaminated material as waste according to section 13. |

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: (1782) NIC-1187 mg/m ³ , (750) NIC-500 ppm |
| | Long-term value: (1188) NIC-594 mg/m ³ , (500) NIC-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 |

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 |

108-88-3 Toluene

| | |
|-----------|--|
| PEL (USA) | Long-term value: 200 ppm Ceiling limit value: 300; 500* ppm *10-min peak per 8-hr shift |
| REL (USA) | Short-term value: 560 mg/m ³ , 150 ppm |
| TLV (USA) | Long-term value: 375 mg/m ³ , 100 ppm Long-term value: 75 mg/m ³ , 20 ppm |

1330-20-7 xylene (mix)

| | |
|-----------|---|
| PEL (USA) | Long-term value: 435 mg/m ³ , 100 ppm |
| REL (USA) | Short-term value: 655 mg/m ³ , 150 ppm |
| TLV (USA) | Long-term value: 435 mg/m ³ , 100 ppm |
| | Short-term value: 651 mg/m ³ , 150 ppm |
| BEI | Long-term value: 434 mg/m ³ , 100 ppm |

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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 n-butyl acetate

| | |
|-----------|---|
| PEL (USA) | Long-term value: 710 mg/m ³ , 150 ppm |
| REL (USA) | Short-term value: 950 mg/m ³ , 200 ppm |
| | Long-term value: 710 mg/m ³ , 150 ppm |
| TLV (USA) | Short-term value: 950 mg/m ³ , 200 ppm |
| | Long-term value: 713 mg/m ³ , 150 ppm |

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) | Long-term value: 713 mg/m ³ , 150 ppm |

108-65-6 PM acetate

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

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

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

108-88-3 Toluene

| | |
|-----------|--|
| BEI (USA) | 0.02 mg/L Medium: blood Time: prior to last shift of workweek Parameter: Toluene |
| | 0.03 mg/L Medium: urine Time: end of shift Parameter: Toluene |
| | 0.3 mg/g creatinine Medium: urine Time: end of shift Parameter: o-Cresol with hydrolysis (background) |

1330-20-7 xylene (mix)

| | |
|-----------|--|
| BEI (USA) | 1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids |
|-----------|--|

Hygienic protection:

Keep away from foodstuffs and animal feed. Wash hands after use.
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: Protective 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:

-110 °C (-166 °F)

Flash point:

-19 °C (-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.

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| | |
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| Relative Density: | Between 0.77 and 0.85 (Water equals 1.00) |
| Vapour density | Not determined. |
| Evaporation rate | Not applicable. |
| Partition coefficient: n-octanol/water: | Not determined. |
| Solubility: | Not determined. |
| Viscosity: | Not determined. |
| VOC content: | 568.7 g/l / 4.75 lb/gl |
| VOC content (less exempt solvents): | 50.7 % |
| MIR Value: | 1.10 |
| Solids content: | 25.5 % |

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:

13463-67-7 titanium dioxide

| | | |
|------------|----------|--------------------|
| Oral | LD50 | >20000 mg/kg (rat) |
| Dermal | LD50 | >10000 mg/kg (rbt) |
| Inhalative | LC50/4 h | >6.82 mg/l (rat) |

106-97-8 n-butane

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

1330-20-7 xylene (mix)

| | | |
|------------|----------|------------------|
| Oral | LD50 | 8700 mg/kg (rat) |
| Dermal | LD50 | 2000 mg/kg (rbt) |
| Inhalative | LC50/4 h | 6350 mg/l (rat) |

64-17-5 ethyl alcohol

| | | |
|------------|----------|------------------|
| Oral | LD50 | 7060 mg/kg (rat) |
| Inhalative | LC50/4 h | 20000 mg/l (rat) |

123-86-4 n-butyl acetate

| | | |
|------------|----------|-------------------|
| Oral | LD50 | 14000 mg/kg (rat) |
| Inhalative | LC50/4 h | >21.0 mg/l (rat) |

110-19-0 isobutyl acetate

| | | |
|------|------|------------------|
| Oral | LD50 | 4763 mg/kg (rbt) |
|------|------|------------------|

108-65-6 PM acetate

| | | |
|------------|----------|------------------|
| Oral | LD50 | 8500 mg/kg (rat) |
| Inhalative | LC50/4 h | 35.7 mg/l (rat) |

Information on toxicological effects: No data available.

Sensitization: No sensitizing effects known.

Carcinogenic categories

IARC (International Agency for Research on Cancer)

| | | |
|------------|------------------|----|
| 13463-67-7 | titanium dioxide | 2B |
| 108-88-3 | Toluene | 3 |
| 14807-96-6 | Talc | 2B |
| 1330-20-7 | xylene (mix) | 3 |
| 64-17-5 | ethyl alcohol | 1 |

NTP (National Toxicology Program)

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

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.

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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 | Aerosols, flammable |
| ADR | 1950 Aerosols |
| Transport hazard class(es): | |
| Class | 2.1 |
| Marine pollutant: | No |
| Special precautions for user: | Warning: Gases |
| EMS Number: | F-D,S-U |
| Packaging Group: | -- |
| UN "Model Regulation": | UN1950, 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):

| | |
|-----------|--------------|
| 108-88-3 | Toluene |
| 1330-20-7 | xylene (mix) |

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 |
| 100-41-4 | ethyl benzene |
| 1333-86-4 | Carbon black |
| 108-10-1 | methyl isobutyl ketone |

California Proposition 65 chemicals known to cause developmental toxicity:

| | |
|----------|----------|
| 108-88-3 | Toluene |
| 67-56-1 | Methanol |

EPA:

| | | |
|-----------|------------------|----|
| 67-64-1 | Acetone | I |
| 108-88-3 | Toluene | II |
| 1330-20-7 | xylene (mix) | I |
| 110-19-0 | isobutyl acetate | D |

16 Other information

Contact: Regulatory Affairs

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