# SAFETY DATA SHEET

## 1. Identification

**Product identifier** **MAXX-KOTE HYUNDAI Gray**

**Other means of identification**

**Product Code** 8193, 9830, 8357

**Recommended use** Not available.

**Manufacturer/Importer/Supplier/Distributor information**

**Company name** TIFCO Industries

**Address** 21400 Northwest Freeway
Cypress, TX 77429

**Telephone** 281-571-6000

**Emergency phone number** Chem-Tel: 800-255-3924

## 2. Hazard(s) identification

| | | |
|---|---|---|
| **Physical hazards** | Flammable aerosols | Category 1 |
| **Health hazards** | Serious eye damage/eye irritation | Category 2A |
| | Sensitization, skin | Category 1 |
| | Germ cell mutagenicity | Category 1B |
| | Carcinogenicity | Category 2 |
| | Specific target organ toxicity, single exposure | Category 3 narcotic effects |
| **Environmental hazards** | Hazardous to the aquatic environment, acute hazard | Category 1 |
| | Hazardous to the aquatic environment, long-term hazard | Category 3 |
| **OSHA defined hazards** | Not classified. | |

**Label elements**

**Signal word** Warning

**Hazard statement** Very toxic to aquatic life. Suspected of causing cancer. Causes serious eye irritation. May cause an allergic skin reaction.

**Precautionary statement**

**Prevention** Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves.

**Response** Collect spillage. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see this label). Wash contaminated clothing before reuse. If exposed or concerned: Get medical advice/attention.

**Storage** Not available.

**Disposal** Not available.

**Hazard(s) not otherwise classified (HNOC)** None known.

**Supplemental information** 53.45% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment.

## 3. Composition/information on ingredients

**Mixtures**

| Chemical name | Common name and synonyms | CAS number | % |
|---|---|---|---|
| ACETONE | | 67-64-1 | 20 to <30 |
| BARIUM SULFATE | | 7727-43-7 | 10 to <20 |
| PROPANE | | 74-98-6 | 10 to <20 |
| PROPYLENE GLYCOL METHYL ETHER ACETATE | | 108-65-6 | 10 to <20 |
| N-BUTANE | | 106-97-8 | 5 to <10 |
| 2-PENTANONE | | 107-87-9 | 1 to <5 |
| XYLENE | | 1330-20-7 | 1 to <5 |
| CARBON BLACK | | 1333-86-4 | 0.1 to <1 |
| COPPER | | 7440-50-8 | 0.1 to <1 |
| ETHYLBENZENE | | 100-41-4 | 0.1 to <1 |
| METHYL ETHYL KETOXIME | | 96-29-7 | 0.1 to <1 |
| Other components below reportable levels | | | 20 to <30 |

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

## 4. First-aid measures

**Inhalation**
Move to fresh air. Call a physician if symptoms develop or persist. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. If symptoms develop move victim to fresh air. Get medical attention if symptoms persist.

**Skin contact**
Wash off with soap and water. Get medical attention if irritation develops and persists. Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Rinse skin with water/shower.

**Eye contact**
If eye irritation persists: Get medical advice/attention. Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse with water. Get medical attention if irritation develops and persists.

**Ingestion**
Rinse mouth. Get medical attention if symptoms occur.

**Most important symptoms/effects, acute and delayed**
Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause an allergic skin reaction. Dermatitis. Rash. May cause drowsiness and dizziness. Nausea, vomiting. Dizziness. Irritation of eyes and mucous membranes. Irritation of nose and throat.

**Indication of immediate medical attention and special treatment needed**
Treat symptomatically. Symptoms may be delayed. Keep victim under observation. Provide general supportive measures and treat symptomatically.

**General information**
IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. If you feel unwell, seek medical advice (show the label where possible). Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

## 5. Fire-fighting measures

**Suitable extinguishing media**
Water fog. Carbon dioxide (CO2). Foam. Dry chemical powder. Alcohol resistant foam. Powder.

**Unsuitable extinguishing media**
Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical**
Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

**Special protective equipment and precautions for firefighters**
Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

**Fire fighting equipment/instructions**
Move containers from fire area if you can do so without risk. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

**Specific methods**
In the event of fire and/or explosion do not breathe fumes. Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk.

**General fire hazards** Extremely flammable aerosol.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures** Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. Ventilate closed spaces before entering them. Avoid breathing mist or vapor. Do not touch or walk through spilled material. Keep out of low areas. Keep upwind.

**Methods and materials for containment and cleaning up** Prevent product from entering drains. Stop the flow of material, if this is without risk. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Prevent entry into waterways, sewer, basements or confined areas.

**Environmental precautions** Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Avoid discharge into drains, water courses or onto the ground. Prevent further leakage or spillage if safe to do so. Contact local authorities in case of spillage to drain/aquatic environment.

## 7. Handling and storage

**Precautions for safe handling** Provide adequate ventilation. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Should be handled in closed systems, if possible. Avoid contact with eyes. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. All equipment used when handling the product must be grounded. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Do not re-use empty containers.

**Conditions for safe storage, including any incompatibilities** Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. This material can accumulate static charge which may cause spark and become an ignition source. Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Contents under pressure. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. Do not expose to heat or store at temperatures above 120°F/49°C as can may burst. Avoid exposure to long periods of sunlight. Level 2 Aerosol.

## 8. Exposure controls/personal protection

**Occupational exposure limits**

**US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

| Components | Type | Value | Form |
|---|---|---|---|
| 2-PENTANONE (CAS 107-87-9) | PEL | 700 mg/m3 | |
| | | 200 ppm | |
| ACETONE (CAS 67-64-1) | PEL | 2400 mg/m3 | |
| | | 1000 ppm | |
| BARIUM SULFATE (CAS 7727-43-7) | PEL | 5 mg/m3 | Respirable fraction. |
| | | 15 mg/m3 | Total dust. |
| CARBON BLACK (CAS 1333-86-4) | PEL | 3.5 mg/m3 | |
| COPPER (CAS 7440-50-8) | PEL | 1 mg/m3 | Dust and mist. |
| | | 0.1 mg/m3 | Fume. |
| ETHYLBENZENE (CAS 100-41-4) | PEL | 435 mg/m3 | |
| | | 100 ppm | |
| PROPANE (CAS 74-98-6) | PEL | 1800 mg/m3 | |
| | | 1000 ppm | |
| XYLENE (CAS 1330-20-7) | PEL | 435 mg/m3 | |
| | | 100 ppm | |

**US. ACGIH Threshold Limit Values**

| Components | Type | Value | Form |
|---|---|---|---|
| 2-PENTANONE (CAS 107-87-9) | STEL | 150 ppm | |
| ACETONE (CAS 67-64-1) | STEL | 750 ppm | |
| | TWA | 500 ppm | |
| BARIUM SULFATE (CAS 7727-43-7) | TWA | 10 mg/m3 | |
| CARBON BLACK (CAS 1333-86-4) | TWA | 3 mg/m3 | Inhalable fraction. |
| COPPER (CAS 7440-50-8) | TWA | 1 mg/m3 | Dust and mist. |
| | | 0.2 mg/m3 | Fume. |
| ETHYLBENZENE (CAS 100-41-4) | TWA | 20 ppm | |
| N-BUTANE (CAS 106-97-8) | STEL | 1000 ppm | |
| XYLENE (CAS 1330-20-7) | STEL | 150 ppm | |
| | TWA | 100 ppm | |

**US. NIOSH: Pocket Guide to Chemical Hazards**

| Components | Type | Value | Form |
|---|---|---|---|
| 2-PENTANONE (CAS 107-87-9) | TWA | 530 mg/m3 | |
| | | 150 ppm | |
| ACETONE (CAS 67-64-1) | TWA | 590 mg/m3 | |
| | | 250 ppm | |
| BARIUM SULFATE (CAS 7727-43-7) | TWA | 5 mg/m3 | Respirable. |
| | | 10 mg/m3 | Total |
| CARBON BLACK (CAS 1333-86-4) | TWA | 0.1 mg/m3 | |
| COPPER (CAS 7440-50-8) | TWA | 1 mg/m3 | Dust and mist. |
| ETHYLBENZENE (CAS 100-41-4) | STEL | 545 mg/m3 | |
| | | 125 ppm | |
| | TWA | 435 mg/m3 | |
| | | 100 ppm | |
| N-BUTANE (CAS 106-97-8) | TWA | 1900 mg/m3 | |
| | | 800 ppm | |
| PROPANE (CAS 74-98-6) | TWA | 1800 mg/m3 | |
| | | 1000 ppm | |

**US. Workplace Environmental Exposure Level (WEEL) Guides**

| Components | Type | Value |
|---|---|---|
| METHYL ETHYL KETOXIME (CAS 96-29-7) | TWA | 36 mg/m3 |
| | | 10 ppm |
| PROPYLENE GLYCOL METHYL ETHER ACETATE (CAS 108-65-6) | TWA | 50 ppm |

**Biological limit values**

**ACGIH Biological Exposure Indices**

| Components | Value | Determinant | Specimen | Sampling Time |
|---|---|---|---|---|
| ACETONE (CAS 67-64-1) | 50 mg/l | Acetone | Urine | * |
| ETHYLBENZENE (CAS 100-41-4) | 0.7 g/g | Sum of mandelic acid and phenylglyoxylic acid | Creatinine in urine | * |
| XYLENE (CAS 1330-20-7) | 1.5 g/g | Methylhippuric acids | Creatinine in urine | * |

* - For sampling details, please see the source document.

**Exposure guidelines**

**US - California OELs: Skin designation**

| | |
|---|---|
| PROPYLENE GLYCOL METHYL ETHER ACETATE (CAS 108-65-6) | Can be absorbed through the skin. |

**Appropriate engineering controls** Provide eyewash station.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** If contact is likely, safety glasses with side shields are recommended.

**Skin protection**

**Hand protection** For prolonged or repeated skin contact use suitable protective gloves. Wear appropriate chemical resistant gloves.

**Other** Wear suitable protective clothing.

**Respiratory protection** In case of insufficient ventilation, wear suitable respiratory equipment.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations** Contaminated work clothing should not be allowed out of the workplace.

## 9. Physical and chemical properties

**Appearance**

**Physical state** Liquid.

**Form** Liquid.

**Color** Not available.

**Odor** Not available.

**Odor threshold** Not available.

**pH** Not available.

**Melting point/freezing point** -305.68 °F (-187.6 °C) estimated

**Initial boiling point and boiling range** -43.78 °F (-42.1 °C) estimated

**Flash point** -4.0 °F (-20.0 °C) estimated

**Evaporation rate** Not available.

**Flammability (solid, gas)** Not available.

**Upper/lower flammability or explosive limits**

**Flammability limit - lower (%)** 1.9 % estimated

**Flammability limit - upper (%)** 8.5 % estimated

**Explosive limit - lower (%)** Not available.

**Explosive limit - upper (%)** Not available.

**Vapor pressure** 1517.15 hPa estimated

**Vapor density** Not available.

**Relative density** Not available.

**Solubility(ies)**

**Solubility (water)** Not available.

**Partition coefficient (n-octanol/water)** Not available.

**Auto-ignition temperature** 550 °F (287.78 °C) estimated

**Decomposition temperature** Not available.

**Viscosity** Not available.

**Other information**

**Density** 7.17 lbs/gal

**Flammability class** Flammable IA estimated

| | |
|---|---|
| **Heat of combustion (NFPA 30B)** | 22.77 kJ/g estimated |
| **Percent volatile** | 66.43 |
| **Specific gravity** | 0.86 |
| **VOC** | 4.04 lbs/gal Regulatory estimated<br>484.31 g/l Regulatory estimated<br>2.89 lbs/gal Material estimated<br>346.62 g/l Material estimated |

## 10. Stability and reactivity

| | |
|---|---|
| **Reactivity** | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| **Chemical stability** | Not available. |
| **Possibility of hazardous reactions** | No dangerous reaction known under conditions of normal use. |
| **Conditions to avoid** | Contact with incompatible materials. Avoid temperatures exceeding the flash point. |
| **Incompatible materials** | Strong acids. Halogens. Acids. Aluminum. Chlorine. Fluorine. Nitrates. Phosphorus. |
| **Hazardous decomposition products** | Not available. |

## 11. Toxicological information

**Information on likely routes of exposure**

| | |
|---|---|
| **Inhalation** | May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful. |
| **Skin contact** | May cause an allergic skin reaction. |
| **Eye contact** | Causes serious eye irritation. |
| **Ingestion** | Expected to be a low ingestion hazard. |
| **Symptoms related to the physical, chemical and toxicological characteristics** | Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause an allergic skin reaction. Dermatitis. Rash. May cause drowsiness and dizziness. Nausea, vomiting. Dizziness. Irritation of eyes and mucous membranes. Irritation of nose and throat. |

**Information on toxicological effects**

**Acute toxicity** May cause an allergic skin reaction. Narcotic effects.

| Components | Species | Test Results |
|---|---|---|
| 2-PENTANONE (CAS 107-87-9) | | |
| **Acute** | | |
| *Oral* | | |
| LD50 | Rat | 3.73 g/kg |
| *Other* | | |
| LD | Rat | 800 mg/kg |
| LD50 | Mouse | 1600 mg/kg |
| ACETONE (CAS 67-64-1) | | |
| **Acute** | | |
| *Dermal* | | |
| LD50 | Rabbit | 20000 mg/kg |
| | | 20 ml/kg |
| *Inhalation* | | |
| LC50 | Rat | 76 mg/l, 4 Hours |
| | | 50.1 mg/l, 8 Hours |
| *Oral* | | |
| LD50 | Mouse | 3000 mg/kg |
| | Rabbit | 5340 mg/kg |
| | Rat | 5800 mg/kg |

| Components | Species | Test Results |
|---|---|---|
| *Other* | | |
| LD50 | Mouse | 1297 mg/kg |
| | Rat | 5500 mg/kg |
| CARBON BLACK (CAS 1333-86-4) | | |
| **Acute** | | |
| *Oral* | | |
| LD50 | Rat | > 8000 mg/kg |
| ETHYLBENZENE (CAS 100-41-4) | | |
| **Acute** | | |
| *Dermal* | | |
| LD50 | Rabbit | 17800 mg/kg |
| *Oral* | | |
| LD50 | Rat | 3500 mg/kg |
| *Other* | | |
| LD50 | Mouse | 2272 mg/kg |
| N-BUTANE (CAS 106-97-8) | | |
| **Acute** | | |
| *Inhalation* | | |
| LC50 | Mouse | 680 mg/l, 2 Hours |
| | Rat | 658 mg/l, 4 Hours |
| PROPANE (CAS 74-98-6) | | |
| **Acute** | | |
| *Inhalation* | | |
| LC50 | Rat | > 1442.847 mg/l, 15 Minutes |
| XYLENE (CAS 1330-20-7) | | |
| **Acute** | | |
| *Dermal* | | |
| LD50 | Rabbit | > 43 g/kg |
| *Inhalation* | | |
| LC50 | Mouse | 3907 mg/l, 6 Hours |
| | Rat | 6350 mg/l, 4 Hours |
| LCL0 | Rat | 8000 mg/l, 4 Hours |
| *Oral* | | |
| LD50 | Mouse | 1590 mg/kg |
| | Rat | 3523 - 8600 mg/kg |
| *Other* | | |
| LD50 | Rat | 3.8 mg/kg |

* Estimates for product may be based on additional component data not shown.

**Skin corrosion/irritation** Prolonged skin contact may cause temporary irritation.

**Serious eye damage/eye irritation** Causes serious eye irritation.

**Respiratory or skin sensitization**

**Respiratory sensitization** Not available.

**Skin sensitization** May cause an allergic skin reaction.

**Germ cell mutagenicity** May cause genetic defects.

**Carcinogenicity** Suspected of causing cancer. Risk of cancer cannot be excluded with prolonged exposure.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

| | |
|---|---|
| CARBON BLACK (CAS 1333-86-4) | 2B Possibly carcinogenic to humans. |
| ETHYLBENZENE (CAS 100-41-4) | 2B Possibly carcinogenic to humans. |
| XYLENE (CAS 1330-20-7) | 3 Not classifiable as to carcinogenicity to humans. |

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not listed.

**Reproductive toxicity** Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals.

**Specific target organ toxicity - single exposure** May cause drowsiness and dizziness.

**Specific target organ toxicity - repeated exposure** Not classified.

**Aspiration hazard** Not available.

**Chronic effects** Prolonged exposure may cause chronic effects.

## 12. Ecological information

**Ecotoxicity** Very toxic to aquatic life. Harmful to aquatic life with long lasting effects.

| Components | | Species | Test Results |
|---|---|---|---|
| 2-PENTANONE (CAS 107-87-9) | | | |
| **Aquatic** | | | |
| Fish | LC50 | Fathead minnow (Pimephales promelas) | 1190 - 1290 mg/l, 96 hours |
| ACETONE (CAS 67-64-1) | | | |
| **Aquatic** | | | |
| Crustacea | EC50 | Water flea (Daphnia magna) | 21.6 - 23.9 mg/l, 48 hours |
| Fish | LC50 | Rainbow trout,donaldson trout (Oncorhynchus mykiss) | 4740 - 6330 mg/l, 96 hours |
| BARIUM SULFATE (CAS 7727-43-7) | | | |
| **Aquatic** | | | |
| Crustacea | EC50 | Tubificid worm (Tubifex tubifex) | 28.61 - 38.03 mg/l, 48 hours |
| COPPER (CAS 7440-50-8) | | | |
| **Aquatic** | | | |
| Crustacea | EC50 | Water flea (Daphnia magna) | 0.036 mg/l, 48 hours |
| Fish | LC50 | Fathead minnow (Pimephales promelas) | 0.0319 - 0.0544 mg/l, 96 hours |
| ETHYLBENZENE (CAS 100-41-4) | | | |
| **Aquatic** | | | |
| Crustacea | EC50 | Water flea (Daphnia magna) | 1.37 - 4.4 mg/l, 48 hours |
| Fish | LC50 | Fathead minnow (Pimephales promelas) | 7.5 - 11 mg/l, 96 hours |
| METHYL ETHYL KETOXIME (CAS 96-29-7) | | | |
| **Aquatic** | | | |
| Fish | LC50 | Fathead minnow (Pimephales promelas) | 777 - 914 mg/l, 96 hours |
| XYLENE (CAS 1330-20-7) | | | |
| **Aquatic** | | | |
| Fish | LC50 | Bluegill (Lepomis macrochirus) | 7.711 - 9.591 mg/l, 96 hours |

* Estimates for product may be based on additional component data not shown.

**Persistence and degradability** No data is available on the degradability of this product.

**Bioaccumulative potential** No data available.

**Partition coefficient n-octanol / water (log Kow)**

| | |
|---|---|
| 2-PENTANONE | 0.91 |
| ACETONE | -0.24 |
| ETHYLBENZENE | 3.15 |
| N-BUTANE | 2.89 |
| PROPANE | 2.36 |
| XYLENE | 3.12 - 3.2 |

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

**Disposal instructions** Do not allow this material to drain into sewers/water supplies. Dispose of contents/container in accordance with local/regional/national/international regulations. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose in accordance with all applicable regulations. Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**US RCRA Hazardous Waste U List: Reference**

| | |
|---|---|
| ACETONE (CAS 67-64-1) | U002 |
| XYLENE (CAS 1330-20-7) | U239 |

**Waste from residues / unused products** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## 14. Transport information

**DOT**

**UN number** UN1950
**UN proper shipping name** Aerosols, flammable, 2.1
**Transport hazard class(es)**
**Class** Not available.
**Subsidiary risk** -
**Packing group** Not applicable.
**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

**IATA**

**UN number** UN1950
**UN proper shipping name** Aerosols, flammable, 2.1
**Transport hazard class(es)**
**Class** Not available.
**Subsidiary risk** -
**Packing group** Not applicable.
**Environmental hazards** No.
**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.
**Other information**
**Passenger and cargo aircraft** Forbidden.
**Cargo aircraft only** Forbidden.

**IMDG**

**UN number** UN1950
**UN proper shipping name** Aerosols, flammable, 2.1
**Transport hazard class(es)**
**Class** Not available.
**Subsidiary risk** -
**Packing group** Not applicable.
**Environmental hazards**
**Marine pollutant** No.
**EmS** Not available.
**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** This substance/mixture is not intended to be transported in bulk.

## 15. Regulatory information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
One or more components are not listed on TSCA.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

| | |
|---|---|
| 2-PENTANONE (CAS 107-87-9) | Listed. |
| ACETONE (CAS 67-64-1) | Listed. |
| BARIUM SULFATE (CAS 7727-43-7) | Listed. |
| COPPER (CAS 7440-50-8) | Listed. |
| ETHYLBENZENE (CAS 100-41-4) | Listed. |
| N-BUTANE (CAS 106-97-8) | Listed. |
| PROPANE (CAS 74-98-6) | Listed. |
| XYLENE (CAS 1330-20-7) | Listed. |

**SARA 304 Emergency release notification**

Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not listed.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**

Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - Yes
Pressure Hazard - No
Reactivity Hazard - No

**SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical** No

**SARA 313 (TRI reporting)**

| Chemical name | CAS number | % by wt. |
|---|---|---|
| XYLENE | 1330-20-7 | 1 to <5 |
| COPPER | 7440-50-8 | 0.1 to <1 |
| ETHYLBENZENE | 100-41-4 | 0.1 to <1 |

**Other federal regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

ETHYLBENZENE (CAS 100-41-4)
XYLENE (CAS 1330-20-7)

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

N-BUTANE (CAS 106-97-8)
PROPANE (CAS 74-98-6)

**Safe Drinking Water Act (SDWA)** Not regulated.

**Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number**

ACETONE (CAS 67-64-1) 6532

**Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))**

ACETONE (CAS 67-64-1) 35 %WV

**DEA Exempt Chemical Mixtures Code Number**

ACETONE (CAS 67-64-1) 6532

**US state regulations**

**US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)**

Not listed.

**US. Massachusetts RTK - Substance List**

2-PENTANONE (CAS 107-87-9)
ACETONE (CAS 67-64-1)
BARIUM SULFATE (CAS 7727-43-7)
CARBON BLACK (CAS 1333-86-4)
COPPER (CAS 7440-50-8)
ETHYLBENZENE (CAS 100-41-4)
N-BUTANE (CAS 106-97-8)
PROPANE (CAS 74-98-6)
XYLENE (CAS 1330-20-7)

**US. New Jersey Worker and Community Right-to-Know Act**

2-PENTANONE (CAS 107-87-9)
ACETONE (CAS 67-64-1)
BARIUM SULFATE (CAS 7727-43-7)
CARBON BLACK (CAS 1333-86-4)
COPPER (CAS 7440-50-8)
ETHYLBENZENE (CAS 100-41-4)
N-BUTANE (CAS 106-97-8)
PROPANE (CAS 74-98-6)
XYLENE (CAS 1330-20-7)

**US. Pennsylvania Worker and Community Right-to-Know Law**

2-PENTANONE (CAS 107-87-9)
ACETONE (CAS 67-64-1)
BARIUM SULFATE (CAS 7727-43-7)
CARBON BLACK (CAS 1333-86-4)
COPPER (CAS 7440-50-8)
ETHYLBENZENE (CAS 100-41-4)
N-BUTANE (CAS 106-97-8)
PROPANE (CAS 74-98-6)
XYLENE (CAS 1330-20-7)

**US. Rhode Island RTK**

ACETONE (CAS 67-64-1)
COPPER (CAS 7440-50-8)
ETHYLBENZENE (CAS 100-41-4)
N-BUTANE (CAS 106-97-8)
PROPANE (CAS 74-98-6)
XYLENE (CAS 1330-20-7)

**US. California Proposition 65**

WARNING: This product contains a chemical known to the State of California to cause cancer.

**US - California Proposition 65 - CRT: Listed date/Carcinogenic substance**

| | |
|---|---|
| CARBON BLACK (CAS 1333-86-4) | Listed: February 21, 2003 |
| ETHYLBENZENE (CAS 100-41-4) | Listed: June 11, 2004 |
| SILICA, CRYSTALLINE QUARTZ (CAS 14808-60-7) | Listed: October 1, 1988 |
| SILICA, CRYSTALLINE-CRISTOBALITE (CAS 14464-46-1) | Listed: October 1, 1988 |
| TITANIUM DIOXIDE (CAS 13463-67-7) | Listed: September 2, 2011 |

**International Inventories**

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|---|---|---|
| Australia | Australian Inventory of Chemical Substances (AICS) | No |
| Canada | Domestic Substances List (DSL) | No |
| Canada | Non-Domestic Substances List (NDSL) | No |
| China | Inventory of Existing Chemical Substances in China (IECSC) | No |
| Europe | European Inventory of Existing Commercial Chemical Substances (EINECS) | No |
| Europe | European List of Notified Chemical Substances (ELINCS) | No |
| Japan | Inventory of Existing and New Chemical Substances (ENCS) | No |
| Korea | Existing Chemicals List (ECL) | No |
| New Zealand | New Zealand Inventory | No |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | No |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | No |

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information, including date of preparation or last revision

| | |
|---|---|
| **Issue date** | 09-09-2014 |
| **Revision date** | 09-12-2014 |
| **Version #** | 02 |

| | |
|---|---|
| **HMIS® ratings** | Health: 2*<br>Flammability: 4<br>Physical hazard: 0 |
| **NFPA ratings** | Health: 2<br>Flammability: 4<br>Instability: 0 |
| **Disclaimer** | The information in the sheet was written based on the best knowledge and experience currently available. Quest Construction Products LLC cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. THE INFORMATION CONTAINED HEREIN IS BASED ON DATA BELIEVED TO BE RELIABLE AND THE MANUFACTURER DISCLAIMS ANY LIABILITY INCURRED FROM THE USE OR RELIANCE UPON THE SAME. THE INFORMATION GIVEN IS DESIGNED ONLY AS A GUIDANCE FOR SAFE HANDLING, USE, PROCESSING, STORAGE, TRANSPORTATION, DISPOSAL AND RELEASE AND IS NOT TO BE CONSIDERED A WARRANTY OR QUALITY SPECIFICATION. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. This safety information is not a license to use this material as claimed by any patents of third parties. The user alone must finally determine whether a contemplated use of this material will infringe any such patents, and for obtaining any required licenses. |