




SAFETY DATA SHEET

1. Identification

| | | |
|---|---|--------------|
| Product identifier | 2.1 VOC HS Acrylic Lacq Primer | |
| Other means of identification | | |
| Product Code | HT-77400C-4 | |
| Recommended use | Automotive Refinish Lacquer Primer | |
| Manufacturer/Importer/Supplier/Distributor information | | |
| Manufacturer | | |
| Company name | High Teck Products | |
| Address | P. O. Box 24631 West Palm Beach, FL 33416 United States | |
| Telephone | General Assistance | 877-900-8235 |
| E-mail | info@highteckproducts.com | |
| Contact person | SDS Coordinator | |
| Emergency phone number | CHEMTREC | 800-424-9300 |

2. Hazard(s) identification

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

Signal word

Danger

Hazard statement

Extremely flammable liquid and vapor. May cause an allergic skin reaction. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of causing genetic defects. Suspected of causing cancer. May damage fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Precautionary statement

Prevention

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. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe the mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

| | |
|--|--|
| Response | If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention. 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. If eye irritation persists: Get medical advice/attention. If exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. Wash contaminated clothing before reuse. In case of fire: Use appropriate media to extinguish. |
| Storage | Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up. |
| Disposal | Dispose of contents/container in accordance with local/regional/national/international regulations. |
| Hazard(s) not otherwise classified (HNOC) | None known. |
| Supplemental information | 42.68% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 42.68% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment. |

3. Composition/information on ingredients

Mixtures

| Chemical name | Common name and synonyms | CAS number | % |
|--|--------------------------|------------|-----------|
| acetone | | 67-64-1 | 40 to <50 |
| Talc | | 14807-96-6 | 10 to <20 |
| Nitrocellulose | | 9004-70-0 | 5 to <10 |
| Dibutyl Phthalate | | 84-74-2 | 1 to <5 |
| isopropanol | | 67-63-0 | 1 to <5 |
| Magnesium carbonate | | 546-93-0 | 1 to <5 |
| Titanium dioxide | | 13463-67-7 | 1 to <5 |
| Xylene | | 1330-20-7 | 1 to <5 |
| Ethyl benzene | | 100-41-4 | 0.1 to <1 |
| Toluene | | 108-88-3 | 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 | 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. |
| Skin contact | 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. |
| Eye contact | Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. |
| Ingestion | Rinse mouth. Get medical attention if symptoms occur. |
| Most important symptoms/effects, acute and delayed | May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause an allergic skin reaction. Dermatitis. Rash. Prolonged exposure may cause chronic effects. |
| Indication of immediate medical attention and special treatment needed | Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed. |
| General information | Take off all contaminated clothing immediately. IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse. |

5. Fire-fighting measures

| | |
|---------------------------------------|---|
| Suitable extinguishing media | Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (CO2). |
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire. |

| | |
|--|--|
| Specific hazards arising from the chemical | Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed. |
| Special protective equipment and precautions for firefighters | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| Fire fighting equipment/instructions | In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. |
| Specific methods | Use standard firefighting procedures and consider the hazards of other involved materials. |
| General fire hazards | Extremely flammable liquid and vapor. |

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent product from entering drains. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

7. Handling and storage

Precautions for safe handling Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

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 |
|---------------------------------|------|---|------|
| acetone (CAS 67-64-1) | PEL | 2400 mg/m ³ 1000 ppm | |
| Dibutyl Phthalate (CAS 84-74-2) | PEL | 5 mg/m ³ | |
| Ethyl benzene (CAS 100-41-4) | PEL | 435 mg/m ³ | |
| isopropanol (CAS 67-63-0) | PEL | 100 ppm 980 mg/m ³ 400 ppm | |

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

| Components | Type | Value | Form |
|---------------------------------------|------|----------------------|----------------------|
| Magnesium carbonate (CAS 546-93-0) | PEL | 5 mg/m3 | Respirable fraction. |
| | | 15 mg/m3 | Total dust. |
| Titanium dioxide (CAS 13463-67-7) | PEL | 15 mg/m3 | Total dust. |
| Xylene (CAS 1330-20-7) | PEL | 435 mg/m3 100 ppm | |

US. OSHA Table Z-2 (29 CFR 1910.1000)

| Components | Type | Value |
|------------------------|---------|---------|
| Toluene (CAS 108-88-3) | Ceiling | 300 ppm |
| | TWA | 200 ppm |

US. OSHA Table Z-3 (29 CFR 1910.1000)

| Components | Type | Value | Form |
|-----------------------|------|-----------|-------------|
| Talc (CAS 14807-96-6) | TWA | 0.3 mg/m3 | Total dust. |
| | | 0.1 mg/m3 | Respirable. |
| | | 20 mppcf | |
| | | 2.4 mppcf | Respirable. |

US. ACGIH Threshold Limit Values

| Components | Type | Value | Form |
|--------------------------------------|------|----------|----------------------|
| acetone (CAS 67-64-1) | STEL | 750 ppm | |
| | TWA | 500 ppm | |
| Dibutyl Phthalate (CAS 84-74-2) | TWA | 5 mg/m3 | |
| Ethyl benzene (CAS 100-41-4) | TWA | 20 ppm | |
| isopropanol (CAS 67-63-0) | STEL | 400 ppm | |
| | TWA | 200 ppm | |
| Talc (CAS 14807-96-6) | TWA | 2 mg/m3 | Respirable fraction. |
| Titanium dioxide (CAS 13463-67-7) | TWA | 10 mg/m3 | |
| Toluene (CAS 108-88-3) | TWA | 20 ppm | |
| Xylene (CAS 1330-20-7) | STEL | 150 ppm | |
| | TWA | 100 ppm | |

US. NIOSH: Pocket Guide to Chemical Hazards

| Components | Type | Value | Form |
|---------------------------------------|------|------------|-------------|
| acetone (CAS 67-64-1) | TWA | 590 mg/m3 | |
| | | 250 ppm | |
| Dibutyl Phthalate (CAS 84-74-2) | TWA | 5 mg/m3 | |
| | | | |
| Ethyl benzene (CAS 100-41-4) | STEL | 545 mg/m3 | |
| | | | |
| | | 125 ppm | |
| isopropanol (CAS 67-63-0) | TWA | 435 mg/m3 | |
| | | 100 ppm | |
| | | 1225 mg/m3 | |
| Magnesium carbonate (CAS 546-93-0) | STEL | 500 ppm | |
| | | 980 mg/m3 | |
| | | 400 ppm | |
| Talc (CAS 14807-96-6) | TWA | 5 mg/m3 | Respirable. |
| | | 10 mg/m3 | Total |
| Toluene (CAS 108-88-3) | TWA | 2 mg/m3 | Respirable. |
| Toluene (CAS 108-88-3) | STEL | 560 mg/m3 | |
| | | 150 ppm | |

US. NIOSH: Pocket Guide to Chemical Hazards

| Components | Type | Value | Form |
|------------|------|----------------------|------|
| | TWA | 375 mg/m3 100 ppm | |

Biological limit values

ACGIH Biological Exposure Indices

| Components | Value | Determinant | Specimen | Sampling Time |
|------------------------------|-----------|---|---------------------|---------------|
| acetone (CAS 67-64-1) | 50 mg/l | Acetone | Urine | * |
| Ethyl benzene (CAS 100-41-4) | 0.15 g/g | Sum of mandelic acid and phenylglyoxylic acid | Creatinine in urine | * |
| isopropanol (CAS 67-63-0) | 40 mg/l | Acetone | Urine | * |
| Toluene (CAS 108-88-3) | 0.3 mg/g | o-Cresol, with hydrolysis | Creatinine in urine | * |
| | 0.03 mg/l | Toluene | Urine | * |
| | 0.02 mg/l | Toluene | Blood | * |
| 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

Toluene (CAS 108-88-3) Can be absorbed through the skin.

US - Minnesota Haz Subs: Skin designation applies

Toluene (CAS 108-88-3) Skin designation applies.

Appropriate engineering controls

Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station. Eye wash fountain and emergency showers are recommended.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

Other Wear appropriate chemical resistant clothing.

Respiratory protection If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Appearance

Physical state Liquid.
Form Liquid.
Color Grey Opaque.

Odor Solvent.

Odor threshold Not available.

pH Not available.

Melting point/freezing point -138.46 °F (-94.7 °C) estimated

| | |
|---|---|
| Initial boiling point and boiling range | 93.2 °F (34 °C) estimated |
| Flash point | -4.0 °F (-20.0 °C) estimated |
| Evaporation rate | Not available. |
| Flammability (solid, gas) | Not applicable. |
| Upper/lower flammability or explosive limits | |
| Flammability limit - lower (%) | 2.6 % estimated |
| Flammability limit - upper (%) | 12.8 % estimated |
| Explosive limit - lower (%) | Not available. |
| Explosive limit - upper (%) | Not available. |
| Vapor pressure | 191.18 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 | 338 °F (170 °C) estimated |
| Decomposition temperature | Not available. |
| Viscosity | Not available. |
| Other information | |
| Density | 8.84 lb/gal |
| Flammability class | Flammable IA estimated |
| Percent volatile | 66.02 % |
| Specific gravity | 1.06 |
| VOC | 0.4 lb/gal Material 1.6 lb/gal Regulatory 47 g/l Material 195 g/l Regulatory |

10. Stability and reactivity

| | |
|---|--|
| Reactivity | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| Chemical stability | Material is stable under normal conditions. |
| Possibility of hazardous reactions | Hazardous polymerization does not occur. |
| Conditions to avoid | Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials. |
| Incompatible materials | Strong acids. Strong oxidizing agents. Halogens. |
| Hazardous decomposition products | No hazardous decomposition products are known. |

11. Toxicological information

Information on likely routes of exposure

| | |
|---------------------|---|
| Inhalation | May cause damage to organs through prolonged or repeated exposure by 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 | Headache. May cause drowsiness and dizziness. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause an allergic skin reaction. Dermatitis. Rash. |
|---|--|

Information on toxicological effects

Acute toxicity

Narcotic effects. May cause an allergic skin reaction.

Components**Species****Test Results**

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 |

Dibutyl Phthalate (CAS 84-74-2)

Acute**Dermal**

| | | |
|------|--------|------------------------|
| LD50 | Rabbit | 4200 mg/kg 20 ml/kg |
|------|--------|------------------------|

Inhalation

| | | |
|------|-------|---------------------|
| LC50 | Mouse | 25 mg/l, 2 Hours |
| | Rat | 15.68 mg/l, 4 Hours |

Oral

| | | |
|------|------------|-------------|
| LD50 | Guinea pig | 10000 mg/kg |
| | Mouse | 4840 mg/kg |
| | Rat | 6300 mg/kg |

Ethyl benzene (CAS 100-41-4)

Acute**Dermal**

| | | |
|------|--------|-------------|
| LD50 | Rabbit | 17800 mg/kg |
|------|--------|-------------|

Oral

| | | |
|------|-----|------------|
| LD50 | Rat | 3500 mg/kg |
|------|-----|------------|

isopropanol (CAS 67-63-0)

Acute**Dermal**

| | | |
|------|--------|-------------|
| LD50 | Rabbit | 12800 mg/kg |
|------|--------|-------------|

Oral

| | | |
|------|--------|------------|
| LD50 | Mouse | 3600 mg/kg |
| | Rabbit | 5.03 g/kg |
| | Rat | 4.7 g/kg |

Toluene (CAS 108-88-3)

Acute**Dermal**

| | | |
|------|--------|---------------------------|
| LD50 | Rabbit | 12124 mg/kg 14.1 ml/kg |
|------|--------|---------------------------|

Inhalation

| | | |
|------|-------|--|
| LC50 | Mouse | 5320 ppm, 8 Hours 400 ppm, 24 Hours |
| | Rat | 26700 ppm, 1 Hours |

| Components | Species | Test Results |
|------------------------|---------|--------------------|
| | | 12200 ppm, 2 Hours |
| | | 8000 ppm, 4 Hours |
| Oral | | |
| LD50 | Rat | 2.6 g/kg |
| 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 |
| Oral | | |
| LD50 | Mouse | 1590 mg/kg |
| | Rat | 3523 - 8600 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 a respiratory sensitizer. |
| Skin sensitization | May cause an allergic skin reaction. |
| Germ cell mutagenicity | Suspected of causing genetic defects. |
| Carcinogenicity | Suspected of causing cancer. |
| IARC Monographs. Overall Evaluation of Carcinogenicity | |
| Ethyl benzene (CAS 100-41-4) | 2B Possibly carcinogenic to humans. |
| Titanium dioxide (CAS 13463-67-7) | 2B Possibly carcinogenic to humans. |
| Toluene (CAS 108-88-3) | 3 Not classifiable as to carcinogenicity 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. May damage fertility or the unborn child. |
| Specific target organ toxicity - single exposure | May cause drowsiness and dizziness. |
| Specific target organ toxicity - repeated exposure | Causes damage to organs through prolonged or repeated exposure. |
| Aspiration hazard | Not an aspiration hazard. |
| Chronic effects | Causes damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects. |

12. Ecological information

| Components | Species | Test Results |
|---------------------------------|---------|---|
| 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 |
| Dibutyl Phthalate (CAS 84-74-2) | | |
| Aquatic | | |
| Crustacea | EC50 | Water flea (Daphnia magna) |
| | | 2.99 mg/l, 48 hours |

| Components | | Species | Test Results |
|-----------------------------------|------|---|------------------------------|
| Fish | LC50 | Channel catfish (<i>Ictalurus punctatus</i>) | 0.4 - 0.53 mg/l, 96 hours |
| Ethyl benzene (CAS 100-41-4) | | | |
| Aquatic | | | |
| Crustacea | EC50 | Water flea (<i>Daphnia magna</i>) | 1.37 - 4.4 mg/l, 48 hours |
| Fish | LC50 | Fathead minnow (<i>Pimephales promelas</i>) | 7.5 - 11 mg/l, 96 hours |
| isopropanol (CAS 67-63-0) | | | |
| Aquatic | | | |
| Fish | LC50 | Bluegill (<i>Lepomis macrochirus</i>) | > 1400 mg/l, 96 hours |
| Titanium dioxide (CAS 13463-67-7) | | | |
| Aquatic | | | |
| Crustacea | EC50 | Water flea (<i>Daphnia magna</i>) | > 1000 mg/l, 48 hours |
| Fish | LC50 | Mummichog (<i>Fundulus heteroclitus</i>) | > 1000 mg/l, 96 hours |
| Toluene (CAS 108-88-3) | | | |
| Aquatic | | | |
| Crustacea | EC50 | Water flea (<i>Daphnia magna</i>) | 5.46 - 9.83 mg/l, 48 hours |
| Fish | LC50 | Coho salmon, silver salmon (<i>Oncorhynchus kisutch</i>) | 8.11 mg/l, 96 hours |
| Xylene (CAS 1330-20-7) | | | |
| Aquatic | | | |
| Fish | LC50 | Bluegill (<i>Lepomis macrochirus</i>) | 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

Partition coefficient n-octanol / water (log Kow)

| | |
|-------------------|------------|
| acetone | -0.24 |
| Dibutyl Phthalate | 4.9 |
| Ethyl benzene | 3.15 |
| isopropanol | 0.05 |
| Toluene | 2.73 |
| 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 Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

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.

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

14. Transport information

DOT

| | |
|--------------------------------|-------------------------------|
| UN number | UN1263 |
| UN proper shipping name | Paint, Paint Related Material |

Transport hazard class(es)

| | |
|-------------------------------------|---|
| Class | 3 |
| Subsidiary risk | - |
| Label(s) | 3 |
| Packing group | I |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |
| Special provisions | T11, TP1, TP27 |
| Packaging exceptions | 150 |
| Packaging non bulk | 201 |
| Packaging bulk | 243 |

IATA

| | |
|-------------------------------------|---|
| UN number | UN1263 |
| UN proper shipping name | Paint, Paint Related Material |
| Transport hazard class(es) | |
| Class | 3 |
| Subsidiary risk | - |
| Packing group | I |
| Environmental hazards | No. |
| ERG Code | 3H |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |
| Other information | |
| Passenger and cargo aircraft | Allowed with restrictions. |
| Cargo aircraft only | Allowed with restrictions. |

IMDG

| | |
|-------------------------------------|---|
| UN number | UN1263 |
| UN proper shipping name | Paint, Paint Related Material |
| Transport hazard class(es) | |
| Class | 3 |
| Subsidiary risk | - |
| Packing group | I |
| Environmental hazards | |
| Marine pollutant | No. |
| EmS | F-E, <u>S</u> -E |
| 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 Not established.

DOT**IATA; IMDG**

15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

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

Not regulated.

TSCA Chemical Action Plans, Chemicals of Concern

Dibutyl Phthalate (CAS 84-74-2)

Phthalates Action Plan

CERCLA Hazardous Substance List (40 CFR 302.4)

acetone (CAS 67-64-1)

Listed.

Dibutyl Phthalate (CAS 84-74-2)

Listed.

Ethyl benzene (CAS 100-41-4)

Listed.

isopropanol (CAS 67-63-0)

Listed.

Nitrocellulose (CAS 9004-70-0)

Listed.

Toluene (CAS 108-88-3)

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. |
|-------------------|------------|-----------|
| Dibutyl Phthalate | 84-74-2 | 1 to <5 |
| isopropanol | 67-63-0 | 1 to <5 |
| Xylene | 1330-20-7 | 1 to <5 |
| Ethyl benzene | 100-41-4 | 0.1 to <1 |
| Toluene | 108-88-3 | 0.1 to <1 |

Other federal regulations

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

Dibutyl Phthalate (CAS 84-74-2)

Ethyl benzene (CAS 100-41-4)

Toluene (CAS 108-88-3)

Xylene (CAS 1330-20-7)

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

Not regulated.

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

Toluene (CAS 108-88-3)

6594

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

acetone (CAS 67-64-1)

35 %WV

Toluene (CAS 108-88-3)

35 %WV

DEA Exempt Chemical Mixtures Code Number

acetone (CAS 67-64-1)

6532

Toluene (CAS 108-88-3)

594

US state regulations

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

Not listed.

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

acetone (CAS 67-64-1)
Dibutyl Phthalate (CAS 84-74-2)
Ethyl benzene (CAS 100-41-4)
isopropanol (CAS 67-63-0)
Talc (CAS 14807-96-6)
Titanium dioxide (CAS 13463-67-7)
Toluene (CAS 108-88-3)
Xylene (CAS 1330-20-7)

US. Massachusetts RTK - Substance List

acetone (CAS 67-64-1)
Dibutyl Phthalate (CAS 84-74-2)
Ethyl benzene (CAS 100-41-4)
isopropanol (CAS 67-63-0)
Magnesium carbonate (CAS 546-93-0)
Nitrocellulose (CAS 9004-70-0)
Talc (CAS 14807-96-6)
Titanium dioxide (CAS 13463-67-7)
Toluene (CAS 108-88-3)
Xylene (CAS 1330-20-7)

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

acetone (CAS 67-64-1)
Dibutyl Phthalate (CAS 84-74-2)
Ethyl benzene (CAS 100-41-4)
isopropanol (CAS 67-63-0)
Magnesium carbonate (CAS 546-93-0)
Nitrocellulose (CAS 9004-70-0)
Talc (CAS 14807-96-6)
Titanium dioxide (CAS 13463-67-7)
Toluene (CAS 108-88-3)
Xylene (CAS 1330-20-7)

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

acetone (CAS 67-64-1)
Dibutyl Phthalate (CAS 84-74-2)
Ethyl benzene (CAS 100-41-4)
isopropanol (CAS 67-63-0)
Nitrocellulose (CAS 9004-70-0)
Talc (CAS 14807-96-6)
Titanium dioxide (CAS 13463-67-7)
Toluene (CAS 108-88-3)
Xylene (CAS 1330-20-7)

US. Rhode Island RTK

acetone (CAS 67-64-1)
Dibutyl Phthalate (CAS 84-74-2)
Ethyl benzene (CAS 100-41-4)
isopropanol (CAS 67-63-0)
Toluene (CAS 108-88-3)
Xylene (CAS 1330-20-7)

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

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

| | |
|-----------------------------------|---------------------------|
| Carbon Black (CAS 1333-86-4) | Listed: February 21, 2003 |
| Ethyl benzene (CAS 100-41-4) | Listed: June 11, 2004 |
| Silicon dioxide (CAS 14808-60-7) | Listed: October 1, 1988 |
| Titanium dioxide (CAS 13463-67-7) | Listed: September 2, 2011 |

US - California Proposition 65 - CRT: Listed date/Developmental toxin

| | |
|---------------------------------|--------------------------|
| Dibutyl Phthalate (CAS 84-74-2) | Listed: December 2, 2005 |
|---------------------------------|--------------------------|

Toluene (CAS 108-88-3)

Listed: January 1, 1991

US - California Proposition 65 - CRT: Listed date/Female reproductive toxin

Dibutyl Phthalate (CAS 84-74-2)

Listed: December 2, 2005

Toluene (CAS 108-88-3)

Listed: August 7, 2009

US - California Proposition 65 - CRT: Listed date/Male reproductive toxin

Dibutyl Phthalate (CAS 84-74-2)

Listed: December 2, 2005

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 | 11-09-2015 |
| Version # | 01 |
| HMIS® ratings | Health: 2* Flammability: 4 Physical hazard: 0 |
| NFPA ratings | Health: 2 Flammability: 4 Instability: 0 |

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