Safety Data Sheet
77403C-4 50-State HS Acrylic Lacquer Primer - Red

SECTION 1: Identification

1.1 Product identifier

Product name	77403C-4 50-State HS Acrylic Lacquer Primer - Red
Product number	77403C-4
Brand	High Teck

1.2 Other means of identification
Red Lacquer Primer

1.3 Recommended use of the chemical and restrictions on use
Identified Product Uses: Automotive Refinish. For industrial use only.

1.4 Supplier's details

Name	HIGH TECK PRODUCTS
Address	PO BOX 24631 WEST PALM BEACH, FLORIDA 33416 - USA
Telephone	T 877-900-8325
email	info@highteckproducts.com

1.5 Emergency phone number(s)

Emergency: 800 424-9300 (Chemtrec)

SECTION 2: Hazard identification

General hazard statement
Hazard statement(s): Highly flammable liquid and vapor. Suspected of causing cancer. May damage fertility or the unborn child. May cause damage
to organs (kidneys) through prolonged or repeated exposure. May cause an allergic skin reaction. Causes serious eye irritation. May cause drowsiness
or dizziness

Highly flammable liquid and vapor. May be fatal if swallowed and enters airways. Suspected of damaging fertility or the unborn child. May cause damage to organs (Liver, kidneys and Lungs) through prolonged or repeated exposure. Causes skin irritation. Causes serious eye irritation.

2.1 Classification of the substance or mixture

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

- Flammable liquids, Cat. 2
- Flammable liquids, Cat. 1
- Eye damage/irritation, Cat. 2A
- Sensitization, skin, Cat. 1B
- Toxic to reproduction, Cat. 1B
- Specific target organ toxicity (repeated exposure), Cat. 2
- Specific target organ toxicity (single exposure), Cat. 3
- Skin corrosion/irritation, Cat. 2

2.2 GHS label elements, including precautionary statements

Pictogram

Signal word **Danger**

Hazard statement(s)

H225	Highly flammable liquid and vapor
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H373	May cause damage to organs [organs] through prolonged or repeated exposure [route]

Precautionary statement(s)

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/…/ equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash … thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of water/...
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P312	Call a POISON CENTER/doctor/.../ if you feel unwell.
P314	Get medical advice/attention if you feel unwell.
P321	Specific treatment (see … on this label).
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.

P337+P313	If eye irritation persists: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use … to extinguish.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to …
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.

2.3 Other hazards which do not result in classification

Precautionary statement(s)
Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. For large container, ground and bond
container and receiving equipment. Use explosion-proof electrical, ventilating and lightning equipment. Use non-sparking tools. Take action to prevent
static discharges. Do not breathe mist, vapors and spray. Use only outdoors or in a well-ventilated area. Wear protective gloves, protective clothing,
eye and face protection. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. Component 1 (trade secret)*
Concentration < 15 % (weight)

- Flammable liquids, Cat. 2
- Toxic to reproduction, Cat. 2
- Aspiration hazard, Cat. 1
- Specific target organ toxicity (repeated exposure), Cat. 2
- Skin corrosion/irritation, Cat. 2
- Specific target organ toxicity (single exposure), Cat. 3

H225	Highly flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H336	May cause drowsiness or dizziness
H361	Suspected of damaging fertility or the unborn child [effect, route]
H361d	
H373	May cause damage to organs [organs] through prolonged or repeated exposure [route]
H401	Toxic to aquatic life
H412	Harmful to aquatic life with long lasting effects

2. Component 2 (trade secret)*
Concentration < 2 % (weight)

- Flammable liquids, Cat. 3
- Acute toxicity, inhalation, Cat. 4

- Acute toxicity, dermal, Cat. 4
- Skin corrosion/irritation, Cat. 2
- Eye damage/irritation, Cat. 2A
- Aspiration hazard, Cat. 1

H226	Flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H373	May cause damage to organs [organs] through prolonged or repeated exposure [route]

3. Component 3 (trade secret)*
Concentration < 35 % (weight)

- Flammable liquids, Cat. 2
- Specific target organ toxicity (single exposure), Cat. 3
- Serious eye damage/eye irritation, Cat. 2

H225	Highly flammable liquid and vapor
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness

4. Component 4 (trade secret)*
Concentration < 4 % (weight)

- Flammable liquids, Cat. 2
- Acute toxicity, inhalation, Cat. 4
- Specific target organ toxicity (single exposure), Cat. 3
- Serious eye damage/eye irritation, Cat. 2

H225	Highly flammable liquid and vapor
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation

5. Component 5 (trade secret)*
Concentration < 2 % (weight)

- Flammable liquids, Cat. 3

H226	Flammable liquid and vapor

6. Component 6 (trade secret)*
Concentration < 15 % (weight)

7. Ethylbenzene
Concentration < 2 % (weight)

EC no.	202-849-4
CAS no.	100-41-4
Index no.	601-023-00-4

- Flammable liquids, Cat. 2
- Acute toxicity, inhalation, Cat. 4
- Specific target organ toxicity (repeated exposure), Cat. 2

H225	Highly flammable liquid and vapor
H332	Harmful if inhaled

8. Castor oil, sulfated, sodium salt

Concentration	< 2 % (weight)
CAS no.	68187-76-8

9. Talc

Concentration	< 18 % (weight)
EC no.	238-877-9
CAS no.	14807-96-6

10. Polyethylene

Concentration	< 1 % (weight)
CAS no.	9002-88-4

11. Rosin, maleated, polymer with glycerol

Concentration	< 11 % (weight)
CAS no.	68038-41-5

12. Hydroxyl Acrylate Resin

Concentration	< 20 % (weight)
CAS no.	9006-26-2

13. Titanium dioxide (airborne, unbound particles of respirable size)

Concentration	< 28 % (weight)

14. Propanol, 1(or 2)-methoxy-, acetate

Concentration	< 1 % (weight)
CAS no.	84540-57-8

15. Phosphoric acid

Concentration	< 0.5 % (weight)
EC no.	231-633-2
CAS no.	7664-38-2
Index no.	015-011-00-6

- Skin corrosion/irritation, Cat. 1B

H314	Causes severe skin burns and eye damage

16. DI-N-BUTYL PHTHALATE

Concentration	< 2.5 % (weight)
EC no.	201-557-4
CAS no.	84-74-2
Index no.	607-318-00-4

- Toxic to reproduction, Cat. 1B
- Hazardous to the aquatic environment, short-term (acute), Cat. 1

H360Df	
H400	Very toxic to aquatic life

Trade secret statement (OSHA 1910.1200(i))
Any concentration shown as a < % weight is to protect confidentiality or is due to batch variation.
There are no additional ingredients within the current knowledge of the supplier.
Concentrations are classified and although require reporting in this section.

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).
If inhaled	Call a poison center or doctor if you feel unwell. Acute and delayed symptoms and effects: May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.
In case of skin contact	Wash with plenty of soap and water for at least 15 minutes. Call a poison center or doctor if you feel unwell. Acute and delayed symptoms and effects: May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.
In case of eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor. Acute and delayed symptoms and effects: May cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.
If swallowed	If swallowed, irritation, any type of overexposure or symptoms of overexposure occur during use of the product or persists after use, immediately contact a POISON CENTER, an EMERGENCY ROOM or a PHYSICIAN; ensure that the product safety data sheet is available. Eye contact: Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

Skin contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention immediately.
Inhalation: Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.
Ingestion: Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.
Symptoms: We can observe headaches, nausea, vomiting and dizziness. Decreased concentration and memory, sleep disturbances, irritability and muscular aches. Cough, breathing pain, eye redness. Redness, flaking and cracking of the skin. Euphoria and disorientation.
Effects (acute or delayed): Inhalation of high concentrations vapors can cause narcotic effect. May cause irritation of eyes and respiratory tract.

Personal protective equipment for first-aid responders

Obtain exposure level time to understand saturation of vapors potentially inhaled.

4.2 Most important symptoms/effects, acute and delayed

Effects: (acute or delayed): Inhalation of high concentrations vapors can cause narcotic effect. May cause irritation of eyes and respiratory tract. May cause skin irritation. Following repeated or prolonged contact, it has a degreasing effect on the skin. In high concentration, can cause depression of the central nervous system. May cause kidney damage.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the chemical

Toluene: Carbon oxides
Dibutyl Phthalate
Phosphoric Acid

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Use personal protection recommended in Section 8.

As an immediate precautionary measure, isolate spill or leak area in all directions. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate enclosed areas.

6.2 Environmental precautions
Keep out of drains, sewers, ditches, and waterways.

6.3 Methods and materials for containment and cleaning up
Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

Reference to other sections
For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Avoid contact with skin, eyes and clothing. Avoid breathing vapors, spray mists or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment.

7.2 Conditions for safe storage, including any incompatibilities
Store below 120F to avoid building vapor pressure in container. Keep container tightly closed. Keep out of the reach of children.

Specific end use(s)
Apart from the uses mentioned in section 1 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Component 1 (trade secret)*
PEL-TWA (Inhalation): 200 ppm (OSHA)
Central nervous system depression, causing fatigue, headache, confusion, paresthesia, dizziness, and muscular incoordination. Irritation of the eyes, mucous membranes, and upper respiratory tract

STEL (Inhalation): 150 ppm (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 100 ppm (375 mg/m3) (NIOSH)
Fatigue, weakness, confusion, headache, dizziness, drowsiness. Unconsciousness. Irritation of the eyes, respiratory tract, and skin

PEL-C (Inhalation): 300 ppm (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL-Peak (Inhalation): 500 ppm (10 minutes) (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

TLV® (Inhalation): 20 ppm (75 mg/m3) (ACGIH)
Female reproductive system damage and pregnancy loss. Central nervous system impairment and visual impairment

STEL (Inhalation): 150 ppm (560 mg/m3) (NIOSH)

PEL (Inhalation): See Annotated Z-2 mg/m3 (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): See Annotated Z-2 (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

TLV® (Inhalation): See Annotated Z-2; USA (ACGIH)
OSHA Annotated Table Z-1, www.osha.gov

2. Component 2 (trade secret)*
PEL (Inhalation): 435 mg/m3 (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 100 ppm (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 100 ppm, (ST) 150 ppm (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

3. Component 3 (trade secret)*
PEL (Inhalation): 1000 ppm (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 2400 mg/m3 (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 250 ppm (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

TLV® (Inhalation): 250 ppm, (ST) 500 ppm; USA (ACGIH)
OSHA Annotated Table Z-1, www.osha.gov

4. Component 4 (trade secret)*
PEL (Inhalation): 100 ppm (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 410 mg/m3 (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 50 ppm, (ST) 75 ppm (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

5. Ethylbenzene (CAS: 100-41-4)
PEL (Inhalation): 100 ppm (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 435 mg/m3 (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 100 ppm, (ST) 125 ppm (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

TLV® (Inhalation): 20 ppm; USA (ACGIH)
OSHA Annotated Table Z-1, www.osha.gov

6. Talc (CAS: 14807-96-6)
PEL (Inhalation): See Annotated Z-3 ppm (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): See Annotated Z-3 mg/m3 (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): See Annotated Z-3 (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

7. Charcoal powder (CAS: 1333-86-4)
PEL (Inhalation): 3.5 mg/m3 (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 3.5 mg/m3Ţwithout PAHs); when PAHs are present, NIOSH considers carbon black to be a potential occupational carcinogen., See Appendix A, ƀee Appendix C (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

8. Phosphoric acid (CAS: 7664-38-2 EC: 231-633-2)
PEL (Inhalation): 1 mg/m3; USA (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 1 mg/m3, (ST) 3 mg/m3; USA (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

TLV® (Inhalation): 1 mg/m3, (ST) 3 mg/m3; USA (ACGIH)
OSHA Annotated Table Z-1, www.osha.gov

9. DI-N-BUTYL PHTHALATE (CAS: 84-74-2)
PEL (Inhalation): 5 mg/m3 (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 5 mg/m3 (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

8.2 Appropriate engineering controls
If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Half mask or full-face respirators with appropriate cartridge to eliminate inhalation of vapors and/or dust.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection
Safety glasses with side-shields and/or full-face respirators.

Skin protection
Protective gloves, such as nitrile gloves.

Body protection
Wear protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

Thermal hazards
No data available.

Environmental exposure controls
Do not let product enter drains. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Liquid
Odor	Organic Solvent
Odor threshold	No data available.
pH	No data available

Melting point/freezing point	-76F
Initial boiling point and boiling range	132.8F
Flash point	No data available.
Evaporation rate	>1 (ether=1)
Flammability (solid, gas)	High
Upper/lower flammability limits	Upper Limit: 12,8% at 25 °C Lower Limit:2,5% at 25 °C
Upper/lower explosive limits	No data available.
Vapor pressure	>10 mm Hg at 20 °C
Vapor density	No data available.
Relative density	.994
Solubility(ies)	Insoluble in water
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	>869°F
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	No data available.
Oxidizing properties	No data available.

Other safety information

Other information
Wt. % Solids: 32.10
VOC ACTUAL: 575.84g/L (4.81lb/gl)
VOC REGULATOR: 688.89g/L (5.75lb/gl):

SECTION 10: Stability and reactivity

10.1 Reactivity
Stable under recommended conditions of storage and handling

10.2 Chemical stability
This product is chemically stable under normal conditions of use

10.3 Possibility of hazardous reactions
No dangerous or polymerization reactions will not occur under normal conditions of use. Danger of explosion when heated.

10.4 Conditions to avoid
Contact with incompatible materials. Sources of ignition. Exposure to heat.

10.5 Incompatible materials

Plastics, Acids, Bases, Nitrates, Strong oxidizing agents

10.6 Hazardous decomposition products

Toluene: See section 5

XYLENES (MIXED): Carbon oxides
Hydrocarbons
Aldehydes

Acetone: Other decomposition products - No data available In the event of fire: see section 5

Phosphoric acid : Hazardous decomposition products formed under fire conditions. - Oxides of phosphorus
Other decomposition products - No data available

Carbon oxides
Formaldehyde

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Likely Routes of Exposure: Eye contact. Skin contact. Inhalation. Ingestion.

Components:

Symptoms (including delayed and immediate effects):
Inhalation: May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.
Ingestion: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

Component 1: LD50 Oral-rat-male-5,580 mg/kg
LC50 inhalation-Rat- male and female-4h-25.7 mg/l
LD50 Dermal-Rabbit- > 5,000 mg/kg
LD50 Oral - Rat - > 5,580 mg/kg
LD50 Skin - Rabbit - 12,196 mg/kg
LC50 - Oncorhynchus mykiss (rainbow trout) - 7.63 mg/l - 96 h
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Component 2:
Acute inhalation toxicity: LC50 (rat, male): 6700ppm, Exposure time: 4h, Assessment: The component/mixture is moderately toxic after short term inhalation
Acute dermal toxicity: LD50 (Rabbit): 1,700 mg/kg Assessment: the component/mixture is moderately toxic after single contact with skin
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Component 3:
LD50 Oral- Rat- Female- 5800 mg/kg
Remarks: (ECHA)
LC50 Inhalation-Rat- 4 h- 76 mg/l
Remarks: Unconscious, Drowsiness, Dizziness
LD50 Dermal-Rabbit- 20,000 mg/kg
Remarks: (IUCLID)
LD50 Skin - Guinea pig - 7,429 mg/kg
LC50 Inhalation - Rat - 50,100 mg/m3 - 8 h
Remarks: Drowsiness Dizziness Unconsciousness
LD50 Oral - Rat - 5,800 mg/kg
Remarks: Behavioral :Altered sleep time (including change in righting reflex). Behavioral: Tremor. Behavioral: Headache.
Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea
LC50 - Oncorhynchus mykiss (rainbow trout - 5,540 mg/l - 96 h
LC50 - Daphnia magna (Water flea) - 8,800 mg/l - 48 hr

ATE (inhalation, gaseous) of mixture: 56250 ppmv

Skin corrosion/irritation
May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.

Component 1: Rabbit-irritating-4h

Component 2: Species: Rabbit
Exposure time: 24h
Result: Irritating to skin

Component 3: Skin-Rabbi
Result: Mild Skin irritation- 24h
(Draize Test)
Remarks: (RTECS)

Serious eye damage/irritation
May cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Component 1: Rabbit-slight irritation

Component 2: Species: Rabbit
Result: Irritating to eyes

Component 3: Eyes-Rabbit
Result: Eye irritation - 24H (Draize Test)
Remarks: (RTECS)

Respiratory or skin sensitization
No data available.

Component 1: Maximization Test-Guinea pig-negative

Component 2: May be fatal if swallowed and enters airways.

Component 3: Maximization Test - Guinea Pig
Result: Not a skin sensitizer
Remarks: (ECHA)
Chronic exposure my cause dermatitis.

Germ cell mutagenicity

Component 1: Test Type: In vitro mammalian cell gene mutation test
Test system: Mouse Lymphoma test
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 476 Result: negative
Test Type: Ames test
Test system: S. typhimurium
Metabolic activation: with and without metabolic activation
Method: Mutagenicity Result: negative

Component 3: Test Type: Mutagenicity (mammal cell test) : chromosome aberration.
Test system: Chinese hamster ovary cells
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 473 Result: Negative

Test Type: Ames test

Test system: Salmonella typhimurium
Metabolic activation : with and without metabolic activation
Method: OECD Test Guideline 471 Result: Negative

Test Type: IN vitro mammalian cell gene mutation test
Test system: Mouse lymphoma test
Metabolic activation: without metabolic activation
Method: OECD Test Guideline 476 Result: Negative

Carcinogenicity

This product is or contains a component that has been reported to be carcinogenicity based on its IARC, ACGIH,NTP, or EPA classification

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Component 2: IARC Group 2B: Possibly carcinogenic to humans

100-41-4: Ethylbenzene
98-82-8 Cumene

Reproductive toxicity

Component 1: Suspected of damaging fertility or the unborn child

Summary of evaluation of the CMR properties
No data available.

STOT-single exposure

Component 1: May cause damage to organs.

STOT-repeated exposure
.

Component 1: May cause damage to organs through prolonged or repeated exposure

Aspiration hazard

Component 1: May cause pulmonary edema and pneumonitis

SECTION 12: Ecological information

Toxicity

Components:

Component 1: Toxicity to fish : Flow-through test LC50_ Coho Salmon- 5.5mg/l - 96h Remarks: (ECHA)
Toxicity to daphnia and other aquatic invertebrates: EC50- Ceriodaphnia dubia (water flea) - 3.78 mg/l -48 h (US-EPA)
Toxicity to bacteria: Static test EC50-Bacteria- 84 mg/l-24h

Component 3: Toxicity to fish: flow-through test LC50- Pimephales promelas (fathead minnow) - 6,210 mg/l - 96 h (OECD Test Guideline 203)

Toxicity to daphnia and other aquatic invertebrates: static test NOEC – M Aeruginosa - 530 mg/l - 8 d (DIN 38412) Remarks: (maximum permissible toxic concentration) (IUCLID)

Toxicity to bacteria: static test EC50 - activated sludge - 61.15 mg/l -30min (OECD Test Guideline 209)

Persistence and degradability

Components:

Component 1: Biodegradability: aerobic - Exposure time 20d
Result: 86%- Readily biodegradable
Remarks: (IUCLID)

Component 3: Biodegradability: aerobic - Exposure time 28 d
Result: 91% - Readily biodegradable
9OECD Test Guideline 301B)

Biochemical Oxygen: 1,850 mg/g
Demand (BOD): Remarks: (IUCLID)

Chemical Oxygen: 2,070 mg/g
Demand (COD) Remarks: (IUCLID)

Theoretical Oxygen: 2,200 mg/g
Demand Remarks: (Lit.)

Bioaccumulative potential

Components:

Component 1: Bioaccumulation: Leuciscus idus)Golden orfe)- 3d - 0.05 mg/l(Component 1)
Bioconcentration factor (BCF):90

Component 2: 98-82-8 :
Partition coefficient: log Pow 3.55 (23C)

Component 3: Does not bioaccumulate

Mobility in soil
No data available.

Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects

Component 2: Ozone-Depletion Potential:
Regulation: 40 CFR Protection of Environment: Part 82 Protection of Stratospheric Ozone- CAA section 602 Class I substances

SECTION 13: Disposal considerations

Disposal of the product
Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.

Disposal of contaminated packaging
Dispose of as unused product.

Waste treatment
Waste should be minimized at all times. All waste material should be disposed of with a licensed waste disposal contractor.

SECTION 14: Transport information

DOT (US)
UN Number: 1263
Class: 3
Packing Group: II
Proper Shipping Name: Paint Related Material
Reportable quantity (RQ):
Marine pollutant:
Poison inhalation hazard:

IMDG
UN Number: UN1263
Class: 3
Packing Group: II
EMS Number: F-E, S-E
Proper Shipping Name: Paint Related Material

IATA
UN Number: UN1263
Class: 3
Packing Group: II
Proper Shipping Name: Paint Related Material

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

Massachusetts Right to Know Components
Chemical name: Toluene
CAS number: 108-88-3
Chemical name: Benzene, m-dimethyl-
CAS number: 108-38-3
Chemical name: Toluene
CAS number: 108-88-3

Chemical name: Acetone
CAS number: 67-64-1
Chemical name: Methyl isobutyl ketone
CAS number: 108-10-1
Chemical name: Ethylbenzene
CAS number: 100-41-4
Phosphoric acid
CAS number: 7664-38-2
Chemical name: Dibutyl phthalate
CAS number: 84-74-2
Chemical name: Xylene (mixed isomers)
CAS number: 1330-20-7

New Jersey Right to Know Components
Chemical name: Toluene
CAS number: 108-88-3
Chemical name: Toluene
CAS number: 108-88-3
Common name: XYLENES
CAS number: 1330-20-7
Common name: ACETONE
CAS number: 67-64-1
Common name: METHYL ISOBUTYL KETONE
CAS number: 108-10-1
Common name: ETHYL BENZENE
CAS number: 100-41-4
Common name: TALC (NOT CONTAINING ASBESTOS FIBERS)
CAS number: 14807-96-6
Common name: CARBON BLACK
CAS number: 1333-86-4
Phosphoric acid
CAS number: 7664-38-2
Common name: NITROCELLULOSE
CAS number: 9004-70-0
Common name: m-XYLENE see Fact Sheet # 2014 on XYLENE
CAS number: 108-38-3
Common name: DI-n-BUTYL PHTHALATE
CAS number: 84-74-2

Pennsylvania Right to Know Components
Chemical name: Toluene
CAS number: 108-88-3
Chemical name: Toluene
CAS number: 108-88-3
Chemical name: Benzene, dimethyl-
CAS number: 1330-20-7
Chemical name: Benzene, 1,3-dimethyl-
CAS number: 108-38-3
Chemical name: 2-Propanone
CAS number: 67-64-1
Chemical name: Talc
CAS number: 14807-96-6
Chemical name: Carbon black
CAS number: 1333-86-4
Phosphoric acid
CAS number: 7664-38-2

Chemical name: 1,2-Benzenedicarboxylic acid, dibutyl ester
CAS number: 84-74-2
Chemical name: 2-Pentanone, 4-methyl-
CAS number: 108-10-1
Chemical name: Cellulose, nitrate
CAS number: 9004-70-0
Chemical name: Benzene, ethyl-
CAS number: 100-41-4
Chemical name: Benzene, ethyl-
CAS number: 100-41-4

California Prop. 65 Components
This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.
Chemical name: Toluene
CAS number: 108-88-3
Chemical name: Toluene
CAS number: 108-88-3
01/01/1991 - Developmental toxicity
08/07/2009 - Female reproductive toxicity (de-listed 03/07/2014)
01/01/1991 - developmental
08/07/2009 - female
State of California to cause birth defects or other reproductive harm.
Toluene
CAS-No. 108-88-3
WARNING: this product contains a chemical known in the State of California to cause cancer.
Ingredients
ethylbenzene
Chemical name: ETHYLBENZENE
CAS number: 100-41-4
06/11/2004 - Cancer
Chemical name: Carbon black (airborne, unbound particles of respirable size)
CAS number: 1333-86-4
Chemical name: METHYL ISOBUTYL KETONE
CAS number: 108-10-1
11/04/2011 - Cancer
03/28/2014 - Developmental toxicity
02/21/2003 - Cancer
Chemical name: DI-N-BUTYL PHTHALATE
CAS number: 84-74-2
12/02/2005 - Developmental toxicity
12/02/2005 - Female reproductive toxicity
12/02/2005 - Male reproductive toxicity
Chemical name: Titanium dioxide (airborne, unbound particles of respirable size)
CAS number:
09/02/2011 - Cancer

Canadian Domestic Substances List (DSL)
Chemical name: Benzene, dimethyl-
CAS: 1330-20-7
Chemical name: Benzene, methyl-
CAS: 108-88-3
Chemical name: 2-Propanone
CAS: 67-64-1
Chemical name: 2-Pentanone, 4-methyl-
CAS: 108-10-1

Chemical name: 2-Propanol, 1-methoxy-, acetate
CAS: 108-65-6
Chemical name: Cellulose, nitrate
CAS: 9004-70-0
Chemical name: Castor oil, sulfated, sodium salt
CAS: 68187-76-8
Chemical name: Talc (Mg3H2(SiO3)4)
CAS: 14807-96-6
Chemical name: Ethene, homopolymer
CAS: 9002-88-4
Chemical name: Rosin, maleated, polymer with glycerol
CAS: 68038-41-5
Chemical name: Carbon black
CAS: 1333-86-4
Chemical name: Propanol, 1(or 2)-methoxy-, acetate
CAS: 84540-57-8
Chemical name: Phosphoric acid
CAS: 7664-38-2
Chemical name: Benzene, ethyl-
CAS: 100-41-4
Chemical name: Benzene, 1,3-dimethyl-
CAS: 108-38-3
Chemical name: 1,2-Benzenedicarboxylic acid, dibutyl ester
CAS: 84-74-2

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards
Acute Health Hazard, Chronic Health Hazard, Fire Hazard

15.2 Chemical Safety Assessment
Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

HMIS Rating

Health	2
Flammability	3
Physical hazard	0
Personal protection	G

NFPA Rating

Health hazard	2
Fire hazard	3
Reactivity hazard	0
Special hazard	

SECTION 16: Other information

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Revision 001 – Updated format / corrected spelling

16.1 Further information/disclaimer

t is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements
Date of previous issue