



Safety Data Sheet 22001(4) HS Acrylic Lacquer Primer - Gray

SECTION 1: Identification

1.1 Product identifier
22001 (Gallon) HS Acrylic Lacquer Primer - Gray
Product name 22004 (Quart) HS Acrylic Lacquer Primer - Gray
Product number 22001 22004
Brand Excel Autobody Products

1.2 Other means of identification
Gray 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 EXCEL PRODUCTS
Address PO BOX 24631
WEST PALM BEACH, FLORIDA
33416 - USA
T 800-957-0848
Telephone info@excelproducts.com
email

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 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

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- 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.

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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 the 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 12 - 18 % (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 1 - 2.5 % (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

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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 10 - 15 % (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 8 - 12 % (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 0.5 - 2 % (weight)

- Flammable liquids, Cat. 3

H226	Flammable liquid and vapor
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6. Component 6 (trade secret)*

Concentration 7 - 10 % (weight)

7. Ethylbenzene

Concentration	0.5 - 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	0.5 - 2 % (weight)
CAS no.	68187-76-8

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9. Talc

Concentration 12 - 16 % (weight)
EC no. 238-877-9
CAS no. 14807-96-6

10. Polyethylene

Concentration 0.4 - 1 % (weight)
CAS no. 9002-88-4

11. Rosin, maleated, polymer with glycerol

Concentration 1 - 2 % (weight)
CAS no. 68038-41-5

12. Hydroxyl Acrylate Resin

Concentration 1 - 3 % (weight)
CAS no. 9006-26-2

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

Concentration 5 - 8 % (weight)

14. Phosphoric acid

Concentration 0.1 - 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

15. DI-N-BUTYL PHTHALATE

Concentration 1 - 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

16. Black Powder

Concentration 0.75 - 1.5 % (weight)
CAS no. 1333-86-4

17. Methyl alcohol

Concentration 1 - 2 % (weight)
EC no. 200-659-6
CAS no. 67-56-1
Index no. 603-001-00-X

- Flammable liquids, Cat. 2
- Acute toxicity, inhalation, Cat. 3
- Acute toxicity, dermal, Cat. 3

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- Acute toxicity, oral, Cat. 3
- Specific target organ toxicity (single exposure), Cat. 1
- Eye damage/irritation, Cat. 2A
- Specific target organ toxicity (single exposure), Cat. 3

H225	Highly flammable liquid and vapor
H301	Toxic if swallowed
H311	Toxic in contact with skin
H319	Causes serious eye irritation
H331	Toxic if inhaled
H336	May cause drowsiness or dizziness
H370	Causes damage to organs [organs, route]

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

Concentration	0.5 - 1.5 % (weight)
CAS no.	84540-57-8

19. Ethylene/ma copolymer

Concentration	1 - 2 % (weight)
CAS no.	9006-26-2

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,

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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

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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

TWA (Inhalation): 10 ppm (37 mg/m³) (Cal/OSHA)

Female reproductive toxicity, spontaneous abortion. Impaired color vision, impaired hearing, decreased performance in neurobehavioral analysis, changes in motor and sensory nerve conduction velocity, headache, and dizziness

TLV® (Inhalation): 20 ppm (75 mg/m³) (ACGIH)

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Female reproductive system damage and pregnancy loss. Central nervous system impairment and visual impairment

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

Fatigue, weakness, confusion, headache, dizziness, drowsiness. Unconsciousness. Irritation of the eyes, respiratory tract, and skin

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

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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/m³ (without PAHs); when PAHs are present, NIOSH considers carbon black to be a potential occupational carcinogen., See Appendix A, see 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

10. 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/m³ (without PAHs); when PAHs are present, NIOSH considers carbon black to be a potential occupational carcinogen., See Appendix A, see Appendix C (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

11. Methyl alcohol (CAS: 67-56-1 EC: 200-659-6)

PEL-TWA (Inhalation): 200 ppm, 260 mg/m³ (OSHA)

Headache. Nausea. Dizziness. Eye damage Substances for which there is a Biological Exposure Index or Indices
Danger of cutaneous absorption

PEL-ST (Inhalation): 250 ppm (NIOSH)

REL-TWA (Inhalation): 200 ppm (NIOSH)

TLV® (Inhalation): 200 ppm (ACGIH)

TLV® (Inhalation): 250 ppm (ST) (ACGIH)

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.

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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: 40.20

VOC Content (%):

Actual: 494.35g/L (4.13lb/gal)

Regulatory: 587.05g/L (4.92lb/gal)

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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

Methanol: Oxidizing agents, Alkali metals, Reducing agents, Acids

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

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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

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

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)

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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 may 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.

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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)

Methanol: No data available on product

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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.)

Methanol: No data available on product

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

Methanol: No data available on product

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

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Methanol: Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A +B).

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: Toluene

CAS number: 108-88-3

Chemical name: Xylene (mixed isomers)

CAS number: 1330-20-7

Chemical name: Benzene, m-dimethyl-

CAS number: 108-38-3

Chemical name: Acetone

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CAS number: 67-64-1
Chemical name: Methyl isobutyl ketone
CAS number: 108-10-1
Chemical name: Ethylbenzene
CAS number: 100-41-4
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: Methanol
CAS number: 67-56-1

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: m-XYLENE see Fact Sheet # 2014 on XYLENE
CAS number: 108-38-3
Common name: ACETONE
CAS number: 67-64-1
Common name: METHYL ISOBUTYL KETONE
CAS number: 108-10-1
Common name: NITROCELLULOSE
CAS number: 9004-70-0
Common name: ETHYL BENZENE
CAS number: 100-41-4
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: DI-n-BUTYL PHTHALATE
CAS number: 84-74-2
Chemical name: Methanol
CAS number: 67-56-1

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: 2-Pentanone, 4-methyl-
CAS number: 108-10-1

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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
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: Methanol
CAS number: 67-56-1

Canadian Domestic Substances List (DSL)

Chemical name: Benzene, methyl-
CAS: 108-88-3
Chemical name: Benzene, dimethyl-
CAS: 1330-20-7
Chemical name: Benzene, 1,3-dimethyl-
CAS: 108-38-3
Chemical name: 2-Propanone
CAS: 67-64-1
Chemical name: 2-Propanol, 1-methoxy-, acetate
CAS: 108-65-6
Chemical name: Cellulose, nitrate
CAS: 9004-70-0
Chemical name: Benzene, ethyl-
CAS: 100-41-4
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: 2-Pentanone, 4-methyl-
CAS: 108-10-1
Chemical name: Carbon black
CAS: 1333-86-4
Chemical name: Phosphoric acid
CAS: 7664-38-2
Chemical name: 1,2-Benzenedicarboxylic acid, dibutyl ester
CAS: 84-74-2
Chemical name: Methanol
CAS: 67-56-1
Chemical name: Propanol, 1(or 2)-methoxy-, acetate
CAS: 84540-57-8
Chemical name: 2,5-Furandione, polymer with ethene
CAS: 9006-26-2

California Prop. 65 components

Chemical name: METHYL ISOBUTYL KETONE

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CAS number: 108-10-1

11/04/2011 - Cancer

03/28/2014 - Developmental toxicity

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

State of California to cause birth defects or other reproductive harm.

Toluene

CAS-No. 108-88-3

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

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

Chemical name: Methanol

CAS number: 67-56-1

Chemical name: Carbon black (airborne, unbound particles of respirable size)

CAS number: 1333-86-4

02/21/2003 - Cancer

State of California to cause birth defects or other reproductive harm.

Methanol

CAS-No. 67-56-1

SARA 311/312 Hazards

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

SARA 302 Components

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

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

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NFPA Rating

Health hazard	2
Fire hazard	3
Reactivity hazard	0
Special hazard	

SECTION 16: Other information

Date of printing: 02/28/2024

Date of issue: 10/7/2022

Date of revision: 02/28/2024

Revision Reason; Spelling / format corrections

Version 001

16.1 Further information/disclaimer

It 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