

# SAFETY DATA SHEET

## Section 1 - Chemical Product and Company Information

Product Name: 2K Acrylic Urethane Primer Gray

Product Code: 6921

Manufacturer/Supplier:

TRANSTAR AUTOBODY TECHNOLOGIES

2040 Heiserman Dr.

Brighton, MI, 48114, USA

**CHEMTREC 24 Hour Emergency Phone(s):**

USA & Canada 800-424-9300

International +1 703 741-5970

Distributor (if applicable):

Business Phone: 800-824-2843

SDS Prepared By: Transtar Autobody Technologies

Product Use: Primer. For Professional and Industrial Use Only

Not recommended for: Not for sale to the general public

## Section 2 - Hazards Identification

### Classification of the substance or mixture

#### GHS Ratings:

Flammable liquid	2	Flash point < 23°C and initial boiling point > 35°C (95°F)
Skin corrosive	2	Reversible adverse effects in dermal tissue, Draize score: >= 2.3 < 4.0 or persistent inflammation
Respiratory sensitizer	1	Respiratory sensitizer
Skin sensitizer	1	Skin sensitizer
Carcinogen	2	Limited evidence of human or animal carcinogenicity
Reproductive toxin	1A	Based on human evidence
Organ toxin single exposure	2	Presumed to be harmful to human health- Animal studies with significant toxic effects relevant to humans at generally moderate exposure (guidance) - Human evidence in exceptional cases
Organ toxin repeated exposure	1	Significant toxicity in humans; Reliable, good quality human case studies or epidemiological studies Presumed significant toxicity in humans- Animal studies with significant and/or severe toxic effects relevant to humans at generally low exposure
Acute aquatic toxicity	A2	Acute toxicity > 1.00 but <= 10.0 mg/l

#### GHS Hazards

H225	Highly flammable liquid and vapor
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H351	Suspected of causing cancer
H360	May damage fertility or the unborn child
H371	May cause damage to organs
H372	Causes damage to organs through prolonged or repeated exposure
H401	Toxic to aquatic life

#### GHS Precautions

P101	If medical advice is needed, have product container or label at hand
P102	Keep out of reach of children
P103	Read label before use
P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources - No smoking
P240	Ground and bond container and receiving equipment
P241	Use explosion-proof electrical, ventilating, lighting and motorized equipment
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P260	Do not breathe dust, mist, vapors or spray
P264	Wash contacted skin thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P272	Contaminated work clothing should not be allowed out of the workplace
P273	Avoid release to the environment
P280	Wear protective gloves, protective clothing, eye protection, face protection and respiratory protection.
P285	In case of inadequate ventilation wear respiratory protection
P363	Wash contaminated clothing before reuse
P303+P361+P353	IF ON SKIN (or hair): Immediately take off all contaminated clothing. Wash skin with soap and water.
P304+P341	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
P308+P313	IF exposed or concerned: Get medical advice
P333+P313	If skin irritation or a rash occurs: Get medical advice
P342+P311	If experiencing respiratory symptoms: Call a POISON CENTER or doctor
P370+P378	In case of fire: Use dry chemical, CO <sub>2</sub> , foam or water fog to extinguish
P405	Store locked up
P403+P233+P235	Store in a well ventilated place. Keep container tightly closed. Keep Cool.
P501	Dispose of contents and container in accordance with local, regional, national and international regulations.

**Signal Word: Danger**



### Section 3 - Composition

Chemical Name	CAS number	Weight Concentration %
Barium Sulfate	7727-43-7	10.00% - 20.00%
Talc	14807-96-6	10.00% - 20.00%
Methyl Ethyl Ketone	78-93-3	5.00% - 10.00%
n-Butyl Acetate	123-86-4	5.00% - 10.00%
Propylene glycol monomethyl ether acetate	108-65-6	5.00% - 10.00%
Titanium Dioxide (Dust)	13463-67-7	5.00% - 10.00%
Zinc phosphate	7779-90-0	5.00% - 10.00%
Toluene	108-88-3	1.00% - 5.00%
barium zinc sulfate sulfide	1345-05-7	3.20%
Ethylbenzene	100-41-4	1.00% - 5.00%
Polymer of epoxy resin and bisphenol A	25036-25-3	1.00% - 5.00%

Xylene	1330-20-7	1.00% - 5.00%
Hydrotreated light petroleum distillates	64742-47-8	0.60%
Methyl Methacrylate Monomer	80-62-6	0.15%

## Section 4 - First Aid Measures

**INHALATION:** If Inhaled: Remove person to fresh air and keep comfortable for breathing. If breathing difficulty persists, seek medical attention.

**EYE CONTACT:** Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for a minimum of 15 minutes while holding eye lids open. If eye irritation persist: seek medical attention.

**SKIN CONTACT:** Take off all contaminated clothing immediately. Wash exposed area thoroughly with soap and water. Seek medical attention if irritation persists. Do NOT use solvents or thinners to wash off.

**INGESTION:** If swallowed, seek medical attention immediately and have product container or label at hand. DO NOT INDUCE VOMITING unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person.

**Most important symptoms and effects, both acute and delayed:**

**Eye contact:** Causes serious eye irritation.

**Inhalation:** Can cause central nervous system (CNS) depression. May cause drowsiness and dizziness. May cause respiratory irritation. Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

**Skin contact:** Causes skin irritation.

**Ingestion:** Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways. Irritating to mouth, throat and stomach.

**Over-exposure signs/symptoms:**

**Eye contact:** Adverse symptoms may include the following:

Pain or irritation, watering, redness

**Inhalation:** Adverse symptoms may include the following:

Respiratory tract irritation, coughing, nausea or vomiting, headache, drowsiness/fatigue, dizziness/vertigo, unconsciousness.

**Skin contact:** Adverse symptoms may include the following:

Irritation, redness.

**Ingestion:** Adverse symptoms may include the following:

Nausea or vomiting.

**Indication of any immediate medical attention and special treatment needed.**

Seek professional medical attention for all over-exposures and/or persistent problems.

In case of inhalation of decomposition products in a fire, symptoms may be delayed.

The exposed person may need to be kept under medical surveillance for 48 hours.

**Specific treatments:** No specific treatment.

**Protection of first-aiders:** No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

## Section 5 - Fire Fighting Measures

Flash Point: -9 C (16 F)

LEL: 1.0%

UEL: 11.0%

**Extinguishing Media:** Dry Chemical, Foam, CO2 or water fog.

**Unsuitable Extinguishing Media:** High volume water jets

**Unusual Fire and Explosion Hazards:** Vapors can travel to a source of ignition and flash back. Closed containers may explode when exposed to extreme heat. Hazards apply to empty containers. Combustion generates toxic fumes.

**Hazardous Combustion Products:** oxides of carbon, oxides of nitrogen, formaldehyde, toxic fume

**Special Firefighting Procedures:** Highly toxic fumes may be generated by thermal decomposition. Water runoff from firefighting can cause environmental damage. Dike and collect water used to fight fire.

**Fire Equipment:** Full fire fighter equipment including SCBA should be worn to avoid skin contact and inhalation of concentrated vapors. Minimize skin exposure.

## Section 6 - Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:**

Use personal protective equipment. Avoid breathing vapors and mist. Ensure adequate ventilation. Eliminate all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulation to form explosive concentrations. Vapors can accumulate in low areas.

For personal protection see section 8.

**Environmental precautions:**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

**Methods and materials for containment and cleaning up:**

**Small Spills:** Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large Spills:** Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

## Section 7 - Handling & Storage

**Safe Handling Measures:** Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Ground and bond container and receiving equipment. Use non-sparking tools and explosion proof equipment when handling this material. Keep away from sources of ignition - No Smoking. Use in cool, well-ventilated areas. Keep containers closed when not in use. Take measures to prevent the build up of electrostatic charge. Follow all SDS and label precautions even after container is emptied because they may retain product residues. For precautions see section 2.

**General Occupational Hygiene:** Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

**Storage Requirements:** Keep container tightly closed. Keep away from heat, sparks, open flames and hot surfaces-No Smoking. Store in a cool, dry and well-ventilated place. Do not reuse container when empty.

## Section 8 - Exposure Controls/Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
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Barium Sulfate 7727-43-7	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)	5 mg/m3 TWA (inhalable fraction, particulate matter containing no asbestos and <1% crystalline silica)	NIOSH: 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)
Talc 14807-96-6	PEL-TWA is 20 mppcf (million particles per cubic foot of air).	2 mg/m3 TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable fraction)	NIOSH: 2 mg/m3 TWA (containing no Asbestos and <1% Quartz, respirable dust)
Methyl Ethyl Ketone 78-93-3	200 ppm TWA; 590 mg/m3 TWA	300 ppm STEL 200 ppm TWA	NIOSH: 200 ppm TWA; 590 mg/m3 TWA 300 ppm STEL; 885 mg/m3 STEL
n-Butyl Acetate 123-86-4	150 ppm TWA; 710 mg/m3 TWA	200 ppm STEL 150 ppm TWA	NIOSH: 150 ppm TWA; 710 mg/m3 TWA 200 ppm STEL; 950 mg/m3 STEL
Propylene glycol monomethyl ether acetate 108-65-6	TWA 200 ppm	TWA 50ppm	Not Established
Titanium Dioxide (Dust) 13463-67-7	15 mg/m3 TWA (total dust)	10 mg/m3 TWA	Not Established
Zinc phosphate 7779-90-0	Not Established	Not Established	Not Established
Toluene 108-88-3	200 ppm TWA	20 ppm TWA	NIOSH: 100 ppm TWA; 375 mg/m3 TWA 150 ppm STEL; 560 mg/m3 STEL
barium zinc sulfate sulfide 1345-05-7	Observe barium sulfate limits. OSHA PEL (final rule): TWA 10 mg/m3 total dust, 5 mg/m3 respirable fraction. ACGIH TLV: TWA 10 mg/m3 inhalable particulate.	Not Established	Not Established
Ethylbenzene 100-41-4	100 ppm TWA; 435 mg/m3 TWA	20 ppm TWA	NIOSH: 100 ppm TWA; 435 mg/m3 TWA 125 ppm STEL; 545 mg/m3 STEL
Polymer of epoxy resin and bisphenol A 25036-25-3	Not Established	Not Established	Not Established
Xylene 1330-20-7	100 ppm TWA; 435 mg/m3 TWA	150 ppm STEL 100 ppm TWA	Not Established
Hydrotreated light petroleum distillates 64742-47-8	combustable	Not Established	Not Established
Methyl Methacrylate Monomer 80-62-6	100 ppm TWA; 410 mg/m3 TWA	100 ppm STEL 50 ppm TWA	NIOSH: 100 ppm TWA; 410 mg/m3 TWA

**Engineering Controls:** Ground and bond container and receiving equipment. Use explosion proof electrical,

ventilation, lighting and motorized equipment. Use non-sparking tools. Ensure adequate ventilation.

**Ventilation:** General mechanical ventilation or local exhaust should be utilized to keep vapor concentrations below exposure limits (PEL & TLV). Ventilation equipment must be explosion proof.

**Safe Work Practices:** Eye washes and safety showers in the workplace are recommended. Avoid contact with skin and eyes. Avoid breathing vapors. Wash hands thoroughly after using and before eating, drinking or smoking. Employee education and training in the safe use and handling of this product is required under the OSHA Hazard Communication Standard 29CFR1200. Smoking in area where this material is used should be strictly prohibited. Always use protective clothing and equipment. Remove all contaminated clothing and wash thoroughly when finished working. Keep food and drink away from material and from area where material is being used. Spraying of material can cause an oxygen deficient environment. Use proper ventilation to remove vapors, mist and fumes combined with NIOSH approved respirator.

**Respiratory Protection:** When working with this material use a MSHA/NIOSH approved cartridge respirator or suitable respiratory protection to keep airborne mists and vapor concentrations below the PEL & TLV limits. When using in poorly ventilated and confined spaces, use a fresh-air supplying respirator or a self-contained breathing apparatus.

**Eye/Face Protection:** Use safety glasses with chemical splash goggles or faceshield.

**Skin Protection:** Use chemical resistant gloves.

**Body Protection:** Impervious clothing, flame retardant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Contaminated Gear/Hygiene Practices:** Remove all contaminated clothing and wash thoroughly when finished working. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location. Keep food and drink away from materials and from area where material is being used or stored.

## Section 9 - Physical & Chemical Properties

This mixture typically exhibits the following properties under normal circumstances:

<p><b>Appearance</b> Gray</p> <p><b>Odor</b> Organic Solvent</p> <p><b>pH:</b> No data available</p> <p><b>Freezing point:</b> No data available</p> <p><b>Flash point:</b> 16°F,-9°C</p> <p><b>Flammability:</b> No data available</p> <p><b>Vapor Pressure:</b> 31.3 mmHg</p> <p><b>Density (Lb / Gal)</b> 12.74</p> <p><b>Partition coefficient (n- octanol/water):</b> No data available</p> <p><b>Decomposition temperature:</b> No data available</p> <p><b>Regulatory Coating VOC g/L</b> 474</p> <p><b>Actual Coating VOC g/L</b> 474</p> <p><b>Weight Percent Volatile</b> 31.06</p> <p><b>% Weight VOC</b> 31.06</p> <p><b>% Wt Exempt VOC</b> 0.00</p>	<p><b>Physical State</b> Liquid</p> <p><b>Odor threshold:</b> No data available</p> <p><b>Melting point:</b> No data available</p> <p><b>Boiling range:</b> 36 - 60°C</p> <p><b>Evaporation rate:</b> No data available</p> <p><b>Explosive Limits:</b> 1% - 11%</p> <p><b>Vapor Density:</b> 4.0</p> <p><b>Solubility:</b> No data available</p> <p><b>Autoignition temperature:</b> 315°C</p> <p><b>Viscosity:</b> No data available</p> <p><b>Regulatory Coating VOC lb/gal</b> 3.96</p> <p><b>Actual Coating VOC lb/Gal</b> 3.96</p> <p><b>Specific Gravity (SG)</b> 1.526</p> <p><b>% Weight Water</b> 0.0</p> <p><b>% Vol Exempt VOC</b> 0.00</p>
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## Section 10 - Stability and Reactivity

**Reactivity:** No data available

**Stability:** Stable under recommended storage conditions.

**Possibility of hazardous reactions:** Vapors may form explosive mixture with air. Hazardous polymerization will not occur.

**Conditions to avoid:** Heat, flame and sparks. Extreme temperature and direct sunlight.

**Incompatible with:**

- Strong oxidizers
- Strong bases
- Strong oxidizing agents
- Acids

**Hazardous products produced under decomposition:**

Carbon Monoxide, Carbon Dioxide

## Section 11 - Toxicological Information

**Mixture Toxicity**

Oral Toxicity LD50: 3,026mg/kg

Inhalation Toxicity LC50: 148mg/L

**Component Toxicity**

7727-43-7	Barium Sulfate Oral LD50: 3,000 mg/kg (Rat)
14807-96-6	Talc Oral LD50: 1 g/kg (Rat)
78-93-3	Methyl Ethyl Ketone Oral LD50: 2,483 mg/kg (Rat) Dermal LD50: 5,000 mg/kg (Rabbit)
123-86-4	n-Butyl Acetate Inhalation LC50: 29 mg/L (Rat)
108-65-6	Propylene glycol monomethyl ether acetate Dermal LD50: 5 g/kg (Rabbit)
7779-90-0	Zinc phosphate Oral LD50: 5,000 mg/kg (Rat)
108-88-3	Toluene Oral LD50: 2,600 mg/kg (Rat) Inhalation LC50: 13 mg/L (Rat)
100-41-4	Ethylbenzene Oral LD50: 3,500 mg/kg (Rat) Inhalation LC50: 17 mg/L (Rat)
25036-25-3	Polymer of epoxy resin and bisphenol A Oral LD50: 2,000 mg/kg (Rat) Dermal LD50: 2,000 mg/kg (Rabbit)
1330-20-7	Xylene Oral LD50: 3,500 mg/kg (Rat) Dermal LD50: 4,350 mg/kg (Rabbit) Inhalation LC50: 29 mg/L (Rat)
80-62-6	Methyl Methacrylate Monomer Inhalation LC50: 4,632 ppm (Rat)

This mixture has not been tested for toxicological effects .

**Acute Effects:**

INHALATION - Dizziness, breathing difficulty, headaches, & loss of coordination .

EYE CONTACT - Moderate irritation, tearing, redness, and blurred vision.

SKIN CONTACT - Moderate irritant. Can dry and defat skin causing cracks, irritation, and dermatitis.

INGESTION - Can cause gastrointestinal irritation, vomiting, nausea, & diarrhea.

**Chronic Effects:**

May affect liver, kidney and central nervous system with repeated exposure . Prolonged or repeated exposure may cause lung injury.

**Routes of Entry**

Inhalation                      Skin Contact                      Eye Contact                      Ingestion

**Target Organs**

Blood    Eyes                      Kidneys    Liver                      Lungs                      Central Nervous System                      Skin                      Cardiovascular  
System                      Respiratory System

**Effects of Overexposure**

## Short Term Exposure

Irritates the eyes and respiratory tract. Causes central nervous system depression. High levels of exposure may cause fatigue, weakness, confusion, euphoria, dizziness, headache; dilated pupils, lacrimation (discharge of tears); nervousness, muscle fatigue, insomnia; paresthesia; cardiac dysrhythmia, unconsciousness and death may occur. Inhalation: 100 ppm exposure can cause dizziness, drowsiness and hallucinations. 100 - 200 ppm can cause depression, 200 - 500 ppm can cause headaches, nausea, loss of appetite, loss of energy, loss of coordination and coma . In addition to the above, death has resulted from exposure to 10,000 ppm for an unknown time. Skin: Can cause dryness and irritation. Absorption may cause or increase the severity of symptoms listed above. Eyes: Can cause irritation at 300 ppm. Ingestion: Can cause a burning sensation in the mouth and stomach, upper abdominal pain, cough, hoarseness, headache, nausea, loss of appetite, loss of energy, loss of coordination and coma. Inhalation can cause irritation of the eyes and respiratory tract, causing cough and phlegm. Irritates the skin. The substance irritates the eyes, skin, and respiratory tract. High exposures, above the occupational exposure levels, can cause weakness, headache, and drowsiness and may cause unconsciousness. Inhalation: Exposure to vapor can be irritation to the nose and throat. Inhalation of vapor at concentrations above 200 ppm or 3 - 5 minutes can lead to xylene intoxication. Symptoms include headache, dizziness, nausea and vomiting. If exposure should continue, central nervous system depression characterized by shallow breathing and weak pulse can occur. Levels of 230 ppm for 15 minutes may cause lightheadedness without loss of equilibrium. Reversible liver and kidney damage in man has followed exposure to sudden high concentrations of vapor. Such high levels may also give rise to lung congestion. Exposure to extremely high concentrations (10,000 ppm or more) of xylene vapors can lead to a strong narcotic effect with symptoms of slurred speech, stupor fatigue, confusion, unconsciousness, coma, and possible death. Ethyl benzene irritates the eyes, skin, and respiratory tract. Exposure to high concentrations can cause dizziness, lightheadedness and unconsciousness. Very high exposures (above the OEL) can cause difficult breathing, narcosis, coma, and even death. Swallowing the liquid may cause aspiration into the lungs, resulting in chemical pneumonitis. May affect the central nervous system. Concentration of 200 ppm can cause irritation. Contact can irritate eyes and skin. Inhalation irritates the respiratory tract. High exposure can cause dizziness, lightheadedness narcosis, and unconsciousness. Irritates the eyes and the respiratory tract. May affect the central nervous system.



Long Term Exposure

Repeated or prolonged contact with skin may cause dermatitis; drying, cracking, itching, and skin rash. May cause liver, kidney, and brain damage; decreased learning ability, psychological disorders. Levels below 200 ppm may produce headache, tiredness and nausea. From 200 - 750 ppm symptoms may include insomnia, irritability, dizziness, some loss of memory, cause heart palpitations and loss of coordination. Blood effects and anemia have been reported but are probably due to contamination by benzene. High exposures may cause lung irritation; bronchitis may develop. Continued exposure may result in emphysema, lung scarring, lung fibrosis, and tumors. A potential occupational carcinogen. n-Butyl acetate may cause skin allergy. n-Butyl acetate has been shown to damage the developing fetus in animals. Prolonged and repeated exposure to butyl acetates can cause defatting, drying and cracking of the skin. Although many solvents and petroleum based products cause lung, brain and nerve damage, these chemicals have not been adequately evaluated to determine these effects. Inhalation of xylene vapor and skin contact with liquid are the two most probable routes of long term exposure. Symptoms of inhalation are dizziness, headache and nausea. Long term exposure has been associated with liver and kidney damage, intestinal tract disturbances and central nervous system depression. Prolonged contact with skin can lead to irritation, dryness and cracking. Repeated exposure can cause poor memory, difficulty in concentration, and other brain effects. It can also cause damage to the eye surface. Repeated or prolonged exposure to the skin may cause drying, scaling and blistering. May cause kidney disease, liver disease, chronic respiratory disease, skin disease, as follows: EB is not nephrotoxic. Concern is expressed because the kidney is the primary route of excretion of EB and its metabolites. EB is not hepatotoxic. Since EB is metabolized by the liver, concern is expressed for these tissues. Exacerbation of pulmonary pathology might occur following exposure to EB. Individuals with impaired pulmonary function might be at risk. EB is a defating agent and may cause dermatitis following prolonged exposure. Individuals with preexisting skin problems may be more sensitive to EB. There is limited evidence that EB may damage the developing fetus, and may cause mutations. Repeated or prolonged contact may cause skin sensitization and allergy. Repeated or prolonged inhalation exposure may cause asthma. May affect the central nervous system and the peripheral nervous system. May affect the kidneys and liver. May damage the developing fetus. Repeated exposure can cause drying and cracking of the skin. Has been implicated in certain nervous system and brain disorders characterized by weakness, fatigue, sleep disturbances, reduced coordination, heaviness in chest and numbness of hand and feet. These symptoms may develop after 1 year of exposure to vapor concentrations of 50 - 200 ppm. Improvement is gradual and may take years after exposure is discontinued. Animal tests show that this chemical is a teratogen in animals and possibly causes toxic effects upon human reproduction.

The following chemicals comprise of at least 0.1% of this mixture and are listed and/or classified as carcinogens or potential carcinogens by the NTP, IARC, OSHA (mandatory listing) or ACGIH (optional listing).

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
100-41-4	Ethylbenzene	1% - 5%	Ethylbenzene: IARC: Possible human carcinogen OSHA: listed
13463-67-7	Titanium Dioxide (Dust)	5% - 10%	Titanium Dioxide (Dust): NIOSH: potential occupational carcinogen IARC: Possible human carcinogen OSHA: listed

**Hazards not otherwise classified (HNOC) or not covered by GHS:**  
None known

The following % of the mixture consists of ingredient(s) of unknown acute toxicity.

0%

## Section 12 - Ecological Information

This material has not been tested for ecological effects.

**Persistence and degradability:** No data available

**Bioaccumulative potential:** No data available

**Mobility in soil:** No data available

**Other adverse effects:** Contains photochemically reactive solvent.

### Component Ecotoxicity

Talc	96 Hr LC50 Brachydanio rerio: >100 g/L [semi-static]
Methyl Ethyl Ketone	96 Hr LC50 Pimephales promelas: 3130 - 3320 mg/L [flow-through] 48 Hr EC50 Daphnia magna: >520 mg/L; 48 Hr EC50 Daphnia magna: 5091 mg/L; 48 Hr EC50 Daphnia magna: 4025 - 6440 mg/L [Static]
n-Butyl Acetate	96 Hr LC50 Lepomis macrochirus: 100 mg/L [static]; 96 Hr LC50 Pimephales promelas: 17 - 19 mg/L [flow-through] 72 Hr EC50 Desmodesmus subspicatus: 674.7 mg/L
Propylene glycol monomethyl ether acetate	96 Hr LC50 Pimephales promelas: 161 mg/L [static] 48 Hr EC50 Daphnia magna: >500 mg/L
Toluene	96 Hr LC50 Pimephales promelas: 15.22 - 19.05 mg/L [flow-through] (1 day old); 96 Hr LC50 Pimephales promelas: 12.6 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 5.89 - 7.81 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 14.1 - 17.16 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 5.8 mg/L [semi-static]; 96 Hr LC50 Lepomis macrochirus: 11.0 - 15.0 mg/L [static]; 96 Hr LC50 Oryzias latipes: 54 mg/L [static]; 96 Hr LC50 Poecilia reticulata: 28.2 mg/L [semi-static]; 96 Hr LC50 Poecilia reticulata: 50.87 - 70.34 mg/L [static] 48 Hr EC50 Daphnia magna: 5.46 - 9.83 mg/L [Static]; 48 Hr EC50 Daphnia magna: 11.5 mg/L 96 Hr EC50 Pseudokirchneriella subcapitata: >433 mg/L; 72 Hr EC50 Pseudokirchneriella subcapitata: 12.5 mg/L [static]
Ethylbenzene	96 Hr LC50 Oncorhynchus mykiss: 11.0 - 18.0 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 4.2 mg/L [semi-static]; 96 Hr LC50 Pimephales promelas: 7.55 - 11 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 32 mg/L [static]; 96 Hr LC50 Pimephales promelas: 9.1 - 15.6 mg/L [static]; 96 Hr LC50 Poecilia reticulata: 9.6 mg/L [static] 48 Hr EC50 Daphnia magna: 1.8 - 2.4 mg/L 72 Hr EC50 Pseudokirchneriella subcapitata: 4.6 mg/L; 96 Hr EC50 Pseudokirchneriella subcapitata: >438 mg/L; 72 Hr EC50 Pseudokirchneriella subcapitata: 2.6 - 11.3 mg/L [static]; 96 Hr EC50 Pseudokirchneriella subcapitata: 1.7 - 7.6 mg/L [static]

Xylene	96 Hr LC50 Pimephales promelas: 13.4 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 2.661 - 4.093 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 13.5 - 17.3 mg/L; 96 Hr LC50 Lepomis macrochirus: 13.1 - 16.5 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 19 mg/L; 96 Hr LC50 Lepomis macrochirus: 7.711 - 9.591 mg/L [static]; 96 Hr LC50 Pimephales promelas: 23.53 - 29.97 mg/L [static]; 96 Hr LC50 Cyprinus carpio: 780 mg/L [semi-static]; 96 Hr LC50 Cyprinus carpio: >780 mg/L; 96 Hr LC50 Poecilia reticulata: 30.26 - 40.75 mg/L [static] 48 Hr EC50 water flea: 3.82 mg/L; 48 Hr LC50 Gammarus lacustris: 0.6 mg/L
Hydrotreated light petroleum distillates	96 Hr LC50 Pimephales promelas: 45 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 2.2 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 2.4 mg/L [static]
Methyl Methacrylate Monomer	96 Hr LC50 Pimephales promelas: 243 - 275 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: 125.5 - 190.7 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: 170 - 206 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 153.9 - 341.8 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: >79 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: >79 mg/L [static]; 96 Hr LC50 Poecilia reticulata: 326.4 - 426.9 mg/L [static] 48 Hr EC50 Daphnia magna: 69 mg/L 96 Hr EC50 Pseudokirchneriella subcapitata: 170 mg/L

### Section 13 - Disposal Considerations

Product and container should be disposed of in accordance with all local, regional, national and international regulations. Contact a licensed professional waste disposal service to dispose of this material. Subject to hazardous waste generation, treatment, storage and disposal rules under RCRA, 40CFR261.

### Section 14 - Transportation Information

The following transportation information is provided based on Transtar Autobody Technologies interpretation of shipping regulations. Each shipper is responsible for identifying, naming, marking and labeling prior to offering for transport.

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
IATA	PAINT	1263	II	3
IMGD	PAINT	1263	II	3
USDOT	PAINT	1263	II	3

For inner packagings not exceeding 5L each packaged in a strong outer box: Limited Quantity

### Section 15 - Regulatory Information

The information listed in this section is not all inclusive of all regulations for this product or the chemical components of this product.

**NJ RTK:** The following chemicals are listed under New Jersey RTK

- 7727-43-7 Barium Sulfate 10 - 20%
- 14807-96-6 Talc 10 - 20%
- 78-93-3 Methyl Ethyl Ketone 5 - 10%
- 123-86-4 n-Butyl Acetate 5 - 10%
- 13463-67-7 Titanium Dioxide (Dust) 5 - 10%
- 108-88-3 Toluene 1 - 5%
- 100-41-4 Ethylbenzene 1 - 5%
- 1330-20-7 Xylene 1 - 5%

**PA RTK:** The following chemicals are listed under Pennsylvania RTK:

- 7727-43-7 Barium Sulfate 10 - 20%
- 14807-96-6 Talc 10 - 20%

78-93-3 Methyl Ethyl Ketone 5 - 10%  
123-86-4 n-Butyl Acetate 5 - 10%  
13463-67-7 Titanium Dioxide (Dust) 5 - 10%  
108-88-3 Toluene 1 - 5%  
100-41-4 Ethylbenzene 1 - 5%  
1330-20-7 Xylene 1 - 5%

**HAPS:** This formulation contains the following HAPS:

108-88-3 Toluene 1 - 5%  
100-41-4 Ethylbenzene 1 - 5%  
1330-20-7 Xylene 1 - 5%

**SARA 312:** This Product contains the following chemicals subject to the reporting requirements of SARA 312:

78-93-3 Methyl Ethyl Ketone 5 - 10%  
108-88-3 Toluene 1 - 5%  
1345-05-7 barium zinc sulfate sulfide 3.2%  
100-41-4 Ethylbenzene 1 - 5%

**SARA 313:** This Product contains the following chemicals subject to the reporting requirements of SARA 313:

108-88-3 Toluene 1 - 5%  
1345-05-7 barium zinc sulfate sulfide 3.2%  
100-41-4 Ethylbenzene 1 - 5%  
64742-95-6 Aromatic petroleum distillates 0.1 - 1.0%

**Australia-AICS:** The following chemicals are listed:

7727-43-7 Barium Sulfate 10 - 20%  
14807-96-6 Talc 10 - 20%  
78-93-3 Methyl Ethyl Ketone 5 - 10%  
123-86-4 n-Butyl Acetate 5 - 10%  
108-65-6 Propylene glycol monomethyl ether acetate 5 - 10%  
13463-67-7 Titanium Dioxide (Dust) 5 - 10%  
7779-90-0 Zinc phosphate 5 - 10%  
108-88-3 Toluene 1 - 5%  
1345-05-7 barium zinc sulfate sulfide 3.2%  
100-41-4 Ethylbenzene 1 - 5%  
25036-25-3 Polymer of epoxy resin and bisphenol A 1 - 5%  
1330-20-7 Xylene 1 - 5%

**China-SEPA (IECSC):** The following chemicals are listed :

7727-43-7 Barium Sulfate 10 - 20%  
14807-96-6 Talc 10 - 20%  
78-93-3 Methyl Ethyl Ketone 5 - 10%  
123-86-4 n-Butyl Acetate 5 - 10%  
108-65-6 Propylene glycol monomethyl ether acetate 5 - 10%  
13463-67-7 Titanium Dioxide (Dust) 5 - 10%  
7779-90-0 Zinc phosphate 5 - 10%  
108-88-3 Toluene 1 - 5%  
1345-05-7 barium zinc sulfate sulfide 3.2%  
100-41-4 Ethylbenzene 1 - 5%  
25036-25-3 Polymer of epoxy resin and bisphenol A 1 - 5%  
1330-20-7 Xylene 1 - 5%

**DSL Status:** The following chemicals are listed on the DSL Inventory .

7727-43-7 Barium Sulfate 10 - 20%  
14807-96-6 Talc 10 - 20%  
78-93-3 Methyl Ethyl Ketone 5 - 10%  
123-86-4 n-Butyl Acetate 5 - 10%  
108-65-6 Propylene glycol monomethyl ether acetate 5 - 10%

13463-67-7 Titanium Dioxide (Dust) 5 - 10%  
 7779-90-0 Zinc phosphate 5 - 10%  
 108-88-3 Toluene 1 - 5%  
 1345-05-7 barium zinc sulfate sulfide 3.2%  
 100-41-4 Ethylbenzene 1 - 5%  
 25036-25-3 Polymer of epoxy resin and bisphenol A 1 - 5%  
 1330-20-7 Xylene 1 - 5%

**NDSL Status**

No Data Available

**California Proposition 65**

**WARNING:** This product can expose you to chemicals including

108-88-3 Toluene 1 - 5%  
 108-31-6 Maleic Anhydride 7 PPM

which is[are] known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**California Proposition 65**

**WARNING:** This product can expose you to chemicals including

13463-67-7 Titanium Dioxide (Dust) 5 - 10%  
 100-41-4 Ethylbenzene 1 - 5%

which is[are] known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**TSCA:** The following are not listed under TSCA:

- None

**Section 16 - Other Information**

Note: HMIS Ratings involve data and interpretations that can vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this SDS must be considered.

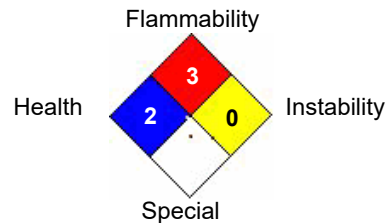
**Hazardous Material Information System (HMIS)**

<b>HEALTH</b>	<input type="text" value="2"/>
<b>FLAMMABILITY</b>	<input type="text" value="3"/>
<b>PHYSICAL HAZARD</b>	<input type="text" value="0"/>
<b>PERSONAL PROTECTION</b>	<input type="text"/>

**HMIS & NFPA Hazard Rating Legend**

- \* = Chronic Health Hazard
- 0 = INSIGNIFICANT
- 1 = SLIGHT
- 2 = MODERATE
- 3 = HIGH

**National Fire Protection Association (NFPA)**



To the best of our knowledge, the information contained herein is accurate, obtained from sources believed by Transtar Autobody Technologies to be accurate. As with all chemicals, **KEEP AWAY FROM CHILDREN AND ANIMALS. FOR PROFESSIONAL AND INDUSTRIAL USE ONLY.** The hazard information contained herein is offered solely for the consideration of the user, subject to his own investigation and verification of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

Date Prepared: 3/4/2021