

# SAFETY DATA SHEET.

Issuing date 01-Oct-2020

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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product identifier**

**Product name** 2 IN 1 PRIMER GRAY  
**Product number** 4603

**Recommended use of the chemical and restrictions on use** For professional and industrial use only. Not for sale to the general public.

**Product Type** Extremely flammable aerosol  
**Synonyms** None

**Recommended Use** Primer.  
**Uses advised against** No information available

**Manufacturer/Distributor:**  
Transtar Autobody Technologies  
2040 Heiserman Drive, Brighton,  
Mi. 48116  
800-824-2843

**CHEMTREC 24 Hour  
Emergency Phone Number**  
1-800-424-9300  
1-703-733-7333

## 2. HAZARDS IDENTIFICATION

### Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Carcinogenicity	Category 2
Reproductive Toxicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2
Flammable Aerosols	Category 1
Gases under pressure	Compressed Gas

### GHS Label elements, including precautionary statements

#### Emergency Overview

#### DANGER

#### Hazard Statements

Causes skin irritation.  
 Causes serious eye irritation.  
 Suspected of causing cancer.  
 Suspected of damaging fertility or the unborn child  
 May cause respiratory irritation. May cause drowsiness or dizziness.  
 May cause damage to organs (Eyes, Skin, Respiratory System, Central Nervous System, Liver, and Kidney) through prolonged and repeated exposure.  
 Extremely Flammable Aerosol  
 Contains gas under pressure; may explode if heated



**Appearance** Opaque

**Physical state** Aerosol

**Odor** Solvent

#### **Precautionary Statements - Prevention**

Obtain special instructions before use.  
 Do not handle until all safety precautions have been read and understood.  
 Wear protective gloves, protective clothing, eye protection, face protection.  
 Wash face, hands and any exposed skin thoroughly after handling.  
 Do not breathe dust, fumes, gas, mist, vapors, spray.  
 Use only outdoors or in a well-ventilated area.  
 Keep away from heat, sparks, open flames, hot surfaces - No smoking.  
 Do not spray on an open flame or other ignition source.  
 Pressurized container: Do not pierce or burn, even after use.

#### **Precautionary Statements - Response**

If exposed or concerned: Get medical advice, attention.  
 Specific treatment (see first aid on this label).  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 If eye irritation persists: Get medical advice, attention  
 IF ON SKIN: Wash with plenty of soap and water.  
 If skin irritation occurs: Get medical advice, attention.  
 Take off contaminated clothing and wash it before reuse.

IF INHALED : Remove person to fresh air and keep comfortable for breathing.  
Call a POISON CENTER or doctor, physician if you feel unwell.

#### Precautionary Statements - Storage

Store locked up.  
Store in a well-ventilated place. Keep container tightly closed.  
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

#### Precautionary Statements - Disposal

Dispose of contents, container to an approved waste disposal plant.

#### Hazards not otherwise classified (HNOC)

None

#### Other information

0% of the mixture consists of ingredient(s) of unknown toxicity.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %*
ACETONE	67-64-1	30-40
PROPANE/ISOBUTANE/N-BUTANE	68476-86-8	20-30
METHYL ISOBUTYL KETONE	108-10-1	1-10
1-METHOXY-2-PROPANOL ACETATE	108-65-6	1-10
TOLUENE	108-88-3	1-10
TALC (non-asbestos fiber)	14807-96-6	1-10
TITANIUM DIOXIDE	13463-67-7	1-10
NITROCELLULOSE RESIN	9004-70-0	1-10
BUTYL ACETATE	123-86-4	1-10
XYLENE	1330-20-7	1-10
Triethyleneglycol bis(2-ethylh	94-28-0	1-10
MALEIC MODIFIED ROSIN RESIN	PROPRIETARY	1-10
ISOPROPYL ALCOHOL	67-63-0	1-10
METHANOL	67-56-1	0.1-1.0
ETHYL BENZENE	100-41-4	.01-1.0
ZINC OXIDE	1314-13-2	0.1-1.0
CARBON BLACK	1333-86-4	<0.1
ETHANOL	64-17-5	<0.1

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

#### First aid measures for different exposure routes

##### General advice

Immediate medical attention is required. Avoid contact with eyes, skin, and clothing. If symptoms persist, call a physician.

##### Eye contact

Immediately flush with plenty of water for at least 15 minutes. After initial flushing, remove any contact lenses and continue flushing. Keep eye wide open while rinsing. If symptoms persist, call a physician.

##### Skin contact

Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.

<b>Inhalation</b>	Move to fresh air. If not breathing, give artificial respiration. If breathing has stopped, contact emergency medical services immediately.
<b>Ingestion</b>	Do NOT induce vomiting. Call a physician immediately. Never give anything by mouth to unconscious person. Risk of product entering the lungs on vomiting after ingestion.

#### **Most important symptoms/effects, acute and delayed**

<b>Main Symptoms</b>	Causes eye and skin irritation. May cause respiratory irritation. May cause dizziness and drowsiness. Harmful and may be fatal if swallowed and enters airways.
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#### **Indication of immediate medical attention and special treatment needed, if necessary**

<b>Notes to physician</b>	Treat symptomatically.
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### **5. FIRE-FIGHTING MEASURES**

#### **Suitable Extinguishing Media**

Water fog. Dry chemical. Foam. Carbon dioxide (CO<sub>2</sub>). Cool containers/tanks with water spray.

**Unsuitable Extinguishing Media** Do not use a solid water stream as it may scatter and spread fire.

#### **Specific hazards arising from the chemical**

Extremely Flammable / Flammable. Keep product and empty container away from heat and sources of ignition.

#### **Explosion Data**

**Sensitivity to Mechanical Impact** none.

**Sensitivity to Static Discharge** Yes.

#### **Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use shielding to protect fire-fighters from bursting containers. In the event of fire and/or explosion do not breathe fumes.

### **6. ACCIDENTAL RELEASE MEASURES**

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

<b>Personal precautions</b>	Use with adequate ventilation to keep the exposure levels below the OELS.
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#### **Environmental precautions**

<b>Environmental precautions</b>	Vapors can accumulate in low areas. Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Report spills as required by local and federal regulations.
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#### **Methods and materials for containment and cleaning up**

<b>Methods for Containment</b>	Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains.
<b>Methods for cleaning up</b>	Soak up with inert absorbent material. Contain liquid and collect with an inert, non-combustible material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. After cleaning, flush away traces with water. Prevent product from entering drains. Take precautionary measures against static discharges.

### **7. HANDLING AND STORAGE**

#### **Precautions for safe handling**

<b>Advice on safe handling</b>	Avoid contact with eyes. Avoid breathing vapors or mists. Contents under pressure. Do not
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puncture or incinerate cans. Do not stick pin or any other sharp object into opening on top of can. Avoid skin contact. Use with adequate ventilation. Keep container away from heat, flames, and all other sources of ignition. Keep can away from all sources of electricity such as electric motors and batteries. Do not spray on hot surfaces.

#### Conditions for safe storage, including any incompatibilities

**Technical measures/Storage conditions** Keep container tightly closed in a cool, well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep in properly labeled containers. Keep out of the reach of children. Store locked up.

**Incompatible products** Strong acids, alkalis, oxidizing agents.

**Aerosol Level** 3

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

#### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
ACETONE 67-64-1	STEL: 500 ppm TWA: 250 ppm	TWA: 1000 ppm TWA: 2400 mg/m <sup>3</sup> (vacated) TWA: 750 ppm (vacated) TWA: 1800 mg/m <sup>3</sup> (vacated) STEL: 2400 mg/m <sup>3</sup> The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors. (vacated) STEL: 1000 ppm	IDLH: 2500 ppm TWA: 250 ppm TWA: 590 mg/m <sup>3</sup>
PROPANE/ISOBUTANE/N-BUTANE 68476-86-8	74-98-6: TWA: 1000 ppm 106-97-8: STEL: 1000 ppm 75-28-5: STEL: 1000 ppm	74-98-6:TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m <sup>3</sup> 106-97-8: (vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	74-98-6:IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup> 106-97-8:TWA: 800 ppm TWA: 1900 mg/m <sup>3</sup> 75-28-5:TWA: 800 ppm TWA: 1900 mg/m <sup>3</sup>
METHYL ISOBUTYL KETONE 108-10-1	STEL: 75 ppm TWA: 20 ppm	TWA: 100 ppm TWA: 410 mg/m <sup>3</sup> (vacated) TWA: 50 ppm (vacated) TWA: 205 mg/m <sup>3</sup> (vacated) STEL: 75 ppm (vacated) STEL: 300 mg/m <sup>3</sup>	IDLH: 500 ppm TWA: 50 ppm TWA: 205 mg/m <sup>3</sup> STEL: 75 ppm STEL: 300 mg/m <sup>3</sup>
TOLUENE 108-88-3	TWA: 20 ppm	TWA: 200 ppm (vacated) TWA: 100 ppm (vacated) TWA: 375 mg/m <sup>3</sup> (vacated) STEL: 150 ppm (vacated) STEL: 560 mg/m <sup>3</sup> Ceiling: 300 ppm	IDLH: 500 ppm TWA: 100 ppm TWA: 375 mg/m <sup>3</sup> STEL: 150 ppm STEL: 560 mg/m <sup>3</sup>
TALC (non-asbestos fiber) 14807-96-6	TWA: 2 mg/m <sup>3</sup> particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter	(vacated) TWA: 2 mg/m <sup>3</sup> respirable dust <1% Crystalline silica, containing no Asbestos TWA: 20 mppcf if 1% Quartz or more;use Quartz limit	IDLH: 1000 mg/m <sup>3</sup> TWA: 2 mg/m <sup>3</sup> containing no Asbestos and <1% Quartz respirable dust
TITANIUM DIOXIDE 13463-67-7	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> total dust (vacated) TWA: 10 mg/m <sup>3</sup> total dust	IDLH: 5000 mg/m <sup>3</sup> TWA: 2.4 mg/m <sup>3</sup> CIB 63 fine TWA: 0.3 mg/m <sup>3</sup> CIB 63 ultrafine, including engineered nanoscale
BUTYL ACETATE 123-86-4	STEL: 150 ppm TWA: 50 ppm	TWA: 150 ppm TWA: 710 mg/m <sup>3</sup> (vacated) TWA: 150 ppm (vacated) TWA: 710 mg/m <sup>3</sup> (vacated) STEL: 200 ppm (vacated) STEL: 950 mg/m <sup>3</sup>	IDLH: 1700 ppm TWA: 150 ppm TWA: 710 mg/m <sup>3</sup> STEL: 200 ppm STEL: 950 mg/m <sup>3</sup>
XYLENE	STEL: 150 ppm	TWA: 100 ppm	Not Established

1330-20-7	TWA: 100 ppm	TWA: 435 mg/m <sup>3</sup> (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m <sup>3</sup> (vacated) STEL: 150 ppm (vacated) STEL: 655 mg/m <sup>3</sup>	
ISOPROPYL ALCOHOL 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m <sup>3</sup> (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m <sup>3</sup>	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> STEL: 500 ppm STEL: 1225 mg/m <sup>3</sup>
METHANOL 67-56-1	STEL: 250 ppm TWA: 200 ppm Skin - potential significant contribution to overall exposure by the cutaneous route	TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> (vacated) TWA: 200 ppm (vacated) TWA: 260 mg/m <sup>3</sup> (vacated) STEL: 250 ppm (vacated) STEL: 325 mg/m <sup>3</sup> (vacated) S*	IDLH: 6000 ppm TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> STEL: 250 ppm STEL: 325 mg/m <sup>3</sup>
ETHYL BENZENE 100-41-4	TWA: 20 ppm	TWA: 100 ppm TWA: 435 mg/m <sup>3</sup> (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m <sup>3</sup> (vacated) STEL: 125 ppm (vacated) STEL: 545 mg/m <sup>3</sup>	IDLH: 800 ppm TWA: 100 ppm TWA: 435 mg/m <sup>3</sup> STEL: 125 ppm STEL: 545 mg/m <sup>3</sup>
ZINC OXIDE 1314-13-2	STEL: 10 mg/m <sup>3</sup> respirable particulate matter TWA: 2 mg/m <sup>3</sup> respirable particulate matter	TWA: 5 mg/m <sup>3</sup> fume TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 5 mg/m <sup>3</sup> fume (vacated) TWA: 10 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) STEL: 10 mg/m <sup>3</sup> fume	IDLH: 500 mg/m <sup>3</sup> Ceiling: 15 mg/m <sup>3</sup> dust TWA: 5 mg/m <sup>3</sup> dust and fume STEL: 10 mg/m <sup>3</sup> fume
CARBON BLACK 1333-86-4	TWA: 3 mg/m <sup>3</sup> inhalable particulate matter	TWA: 3.5 mg/m <sup>3</sup> (vacated) TWA: 3.5 mg/m <sup>3</sup>	IDLH: 1750 mg/m <sup>3</sup> TWA: 3.5 mg/m <sup>3</sup> TWA: 0.1 mg/m <sup>3</sup> Carbon black in presence of Polycyclic aromatic hydrocarbons PAH
ETHANOL 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>

ACGIH: (American Conference of Governmental Industrial Hygienists)

OSHA: (Occupational Safety & Health Administration)

NIOSH IDLH: Immediately Dangerous to Life or Health

#### Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

#### Exposure controls

##### Engineering Measures

Showers, eyewash stations, and ventilation systems.

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

##### Eye/Face Protection

Tightly fitting safety goggles. Face-shield.

##### Skin and body protection

Chemical resistant apron. Protective gloves.

##### Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

##### Hygiene measures

When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and chemical properties

<b>Physical state</b>	Aerosol	<b>Odor</b>	Solvent
<b>Appearance</b>	Opaque	<b>Odor Threshold</b>	
<b>Color</b>	gray		

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
pH	No information available	
Melting/freezing point	No information available	
Boiling point/boiling range		
Flash Point	-96.4 °C / -141 °F	Based on propellant
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limits in Air		
upper flammability limit		
lower flammability limit		
Vapor pressure		
Vapor density		
Specific Gravity	0.870	
Water solubility	No information available	
Partition coefficient: n-octanol/water		
Autoignition temperature	No information available	Not applicable
Decomposition temperature		
Viscosity	No information available	
Explosive properties		

### Other information

VOC Content(%)	44.36
MIR Value	0.93
MIR Coating Category	ABP MIR MAX 0,95

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

None under normal processing.

### Conditions to Avoid

Heat, flames and sparks.

### Incompatible Materials

Strong acids, alkalis, oxidizing agents.

### Hazardous Decomposition Products

Carbon oxides , Hydrocarbons, Fumes.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

##### Inhalation

Avoid inhaling vapors or mists. Harmful if inhaled. May cause irritation to respiratory

system.

<b>Eye contact</b>	Irritating to eyes.
<b>Skin contact</b>	Causes skin irritation.
<b>Ingestion</b>	May be fatal if swallowed and enters airways.

#### Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
ACETONE 67-64-1	= 5800 mg/kg ( Rat )	> 15700 mg/kg ( Rabbit )	= 50100 mg/m <sup>3</sup> ( Rat ) 8 h
METHYL ISOBUTYL KETONE 108-10-1	= 2080 mg/kg ( Rat )	= 3000 mg/kg ( Rabbit )	2000 - 4000 ppm ( Rat ) 4 h
1-METHOXY-2-PROPANOL ACETATE 108-65-6	= 8532 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	= 16000 mg/m <sup>3</sup> ( Rat ) 6 h
TOLUENE 108-88-3	= 2600 mg/kg ( Rat )	= 12000 mg/kg ( Rabbit )	= 12.5 mg/L ( Rat ) 4 h
TITANIUM DIOXIDE 13463-67-7	> 10000 mg/kg ( Rat )	-	-
NITROCELLULOSE RESIN 9004-70-0	> 5 g/kg ( Rat )	-	-
BUTYL ACETATE 123-86-4	= 10768 mg/kg ( Rat )	> 17600 mg/kg ( Rabbit )	= 0.74 mg/L ( Rat ) 4 h
XYLENE 1330-20-7	= 3500 mg/kg ( Rat )	> 4350 mg/kg ( Rabbit )	= 29.08 mg/L ( Rat ) 4 h
Triethyleneglycol bis(2-ethylh 94-28-0	= 31 g/kg ( Rat )	> 2000 mg/kg ( Rat )	-
ISOPROPYL ALCOHOL 67-63-0	= 1870 mg/kg ( Rat )	= 4059 mg/kg ( Rabbit )	= 72600 mg/m <sup>3</sup> ( Rat ) 4 h
METHANOL 67-56-1	= 6200 mg/kg ( Rat )	= 15840 mg/kg ( Rabbit )	= 22500 ppm ( Rat ) 8 h
ETHYL BENZENE 100-41-4	= 3500 mg/kg ( Rat )	= 15400 mg/kg ( Rabbit )	= 17.4 mg/L ( Rat ) 4 h
ZINC OXIDE 1314-13-2	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rat )	-
CARBON BLACK 1333-86-4	> 15400 mg/kg ( Rat )	-	> 4.6 mg/m <sup>3</sup> ( Rat ) 4 h
ETHANOL 64-17-5	= 7060 mg/kg ( Rat )	-	= 124.7 mg/L ( Rat ) 4 h

#### Information on toxicological effects

**Symptoms** Causes skin and eye irritation. May cause respiratory irritation. May cause drowsiness and dizziness. Harmful and may be fatal if ingested and enters airways.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** Irritating to skin.  
**Eye damage/irritation** Irritating to eyes.  
**Irritation** Causes skin and eye irritation. May cause respiratory irritation.  
**Sensitization** No information available.  
**Germ cell mutagenicity** Not a germ cell mutagen.  
**Carcinogenicity** The table below indicates whether each agency has evaluated a listed ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
METHYL ISOBUTYL KETONE 108-10-1	A3	Group 2B	-	X
TOLUENE 108-88-3	-	Group 3	-	-
TALC (non-asbestos fiber) 14807-96-6	-	Group 2B -Talc based body powder for perineal dusting -possibly carcinogenic to humans	-	X



TITANIUM DIOXIDE 13463-67-7	-	2B	-	X
NITROCELLULOSE RESIN 9004-70-0	-	Group 2A	-	X
XYLENE 1330-20-7	-	Group 3	-	-
ETHYL BENZENE 100-41-4	A3	Group 2B	-	X
CARBON BLACK 1333-86-4	A3	Group 2B	-	X

ACGIH: (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC: (International Agency for Research on Cancer)

Group 3 - Not Classifiable as to Carcinogenicity in Humans

Group 2B - Possibly Carcinogenic to Humans

Group 2A - Probably Carcinogenic to Humans

OSHA: (Occupational Safety & Health Administration)

X - Present

**Reproductive toxicity**

Product is or contains a chemical which is a known or suspected reproductive hazard.

**Specific target organ systemic**

May cause respiratory irritation. May cause drowsiness or dizziness.

**toxicity (single exposure)**

**Specific target organ systemic  
toxicity (repeated exposure)**

May cause damage to Target Organs listed below through prolonged or repeated exposure.

**Chronic toxicity**

Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Chronic hydrocarbon abuse has been associated with irregular heart rhythms and potential cardiac arrest.

**Target Organ Effects**

Eyes, Skin, Respiratory System, Central Nervous System, Liver, Kidney.

**Aspiration hazard**

No information available.

**Numerical measures of toxicity - Product Information**

**Unknown Acute Toxicity**

0% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 13881 mg/kg

ATEmix (dermal) 15178 mg/kg

ATEmix (inhalation-dust/mist) 13.8 mg/l

ATEmix (inhalation-vapor) 1016.8 mg/l

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
ACETONE 67-64-1	-	4.74 - 6.33 mL/L LC50 Oncorhynchus mykiss 96h 6210 - 8120 mg/L LC50 Pimephales promelas 96h static 8300 mg/L LC50 Lepomis macrochirus 96h	-	10294 - 17704 mg/L EC50 Daphnia magna 48h Static 12600 - 12700 mg/L EC50 Daphnia magna 48h
PROPANE/ISOBUTANE/N-BUTANE 68476-86-8	-	-	-	-
METHYL ISOBUTYL KETONE 108-10-1	400 mg/L EC50 Pseudokirchneriella subcapitata 96h	496 - 514 mg/L LC50 Pimephales promelas 96h flow-through	-	170 mg/L EC50 Daphnia magna 48h
1-METHOXY-2-PROPANO L ACETATE 108-65-6	-	161 mg/L LC50 Pimephales promelas 96h static	-	500 mg/L EC50 Daphnia magna 48h
TOLUENE 108-88-3	12.5 mg/L EC50 Pseudokirchneriella subcapitata 72h static 433 mg/L EC50 Pseudokirchneriella subcapitata 96h	11.0 - 15.0 mg/L LC50 Lepomis macrochirus 96h static 14.1 - 17.16 mg/L LC50 Oncorhynchus mykiss 96h static 15.22 - 19.05 mg/L LC50 Pimephales promelas 96h flow-through	-	5.46 - 9.83 mg/L EC50 Daphnia magna 48h Static 11.5 mg/L EC50 Daphnia magna 48h

		5.89 - 7.81 mg/L LC50 Oncorhynchus mykiss 96h flow-through 50.87 - 70.34 mg/L LC50 Poecilia reticulata 96h static 12.6 mg/L LC50 Pimephales promelas 96h static 28.2 mg/L LC50 Poecilia reticulata 96h semi-static 5.8 mg/L LC50 Oncorhynchus mykiss 96h semi-static 54 mg/L LC50 Oryzias latipes 96h static		
TALC (non-asbestos fiber) 14807-96-6	-	100 g/L LC50 Brachydanio rerio 96h semi-static	-	-
BUTYL ACETATE 123-86-4	674.7 mg/L EC50 Desmodemus subspicatus 72h	17 - 19 mg/L LC50 Pimephales promelas 96h flow-through 100 mg/L LC50 Lepomis macrochirus 96h static	-	-
XYLENE 1330-20-7	-	13.1 - 16.5 mg/L LC50 Lepomis macrochirus 96h flow-through 13.5 - 17.3 mg/L LC50 Oncorhynchus mykiss 96h 2.661 - 4.093 mg/L LC50 Oncorhynchus mykiss 96h static 23.53 - 29.97 mg/L LC50 Pimephales promelas 96h static 30.26 - 40.75 mg/L LC50 Poecilia reticulata 96h static 7.711 - 9.591 mg/L LC50 Lepomis macrochirus 96h static 13.4 mg/L LC50 Pimephales promelas 96h flow-through 19 mg/L LC50 Lepomis macrochirus 96h 780 mg/L LC50 Cyprinus carpio 96h semi-static 780 mg/L LC50 Cyprinus carpio 96h	-	0.6 mg/L LC50 Gammarus lacustris 48h 3.82 mg/L EC50 water flea 48h
ISOPROPYL ALCOHOL 67-63-0	1000 mg/L EC50 Desmodemus subspicatus 72h 1000 mg/L EC50 Desmodemus subspicatus 96h	11130 mg/L LC50 Pimephales promelas 96h static 9640 mg/L LC50 Pimephales promelas 96h flow-through 1400000 µg/L LC50 Lepomis macrochirus 96h	-	13299 mg/L EC50 Daphnia magna 48h
METHANOL 67-56-1	-	13500 - 17600 mg/L LC50 Lepomis macrochirus 96h flow-through 18 - 20 mL/L LC50 Oncorhynchus mykiss 96h static 19500 - 20700 mg/L LC50 Oncorhynchus mykiss 96h flow-through 28200 mg/L LC50 Pimephales promelas 96h flow-through 100 mg/L LC50 Pimephales promelas 96h static	-	-
ETHYL BENZENE 100-41-4	1.7 - 7.6 mg/L EC50 Pseudokirchneriella subcapitata 96h static 2.6 - 11.3 mg/L EC50 Pseudokirchneriella subcapitata 72h static 4.6 mg/L EC50 Pseudokirchneriella subcapitata 72h 438 mg/L EC50 Pseudokirchneriella	11.0 - 18.0 mg/L LC50 Oncorhynchus mykiss 96h static 7.55 - 11 mg/L LC50 Pimephales promelas 96h flow-through 9.1 - 15.6 mg/L LC50 Pimephales promelas 96h static 32 mg/L LC50 Lepomis macrochirus 96h static 4.2 mg/L LC50 Oncorhynchus mykiss 96h	-	1.8 - 2.4 mg/L EC50 Daphnia magna 48h

	subcapitata 96h	semi-static 9.6 mg/L LC50 Poecilia reticulata 96h static		
ZINC OXIDE 1314-13-2	-	1.55 mg/L LC50 Danio rerio 96h static	-	-
ETHANOL 64-17-5	-	12.0 - 16.0 mL/L LC50 Oncorhynchus mykiss 96h static 13400 - 15100 mg/L LC50 Pimephales promelas 96h flow-through 100 mg/L LC50 Pimephales promelas 96h static	-	9268 - 14221 mg/L LC50 Daphnia magna 48h 2 mg/L EC50 Daphnia magna 48h Static

**Persistence and degradability**

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**Bioaccumulation**

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Chemical Name	log Pow
ACETONE 67-64-1	-0.24
PROPANE/ISOBUTANE/N-BUTANE 68476-86-8	2.8
METHYL ISOBUTYL KETONE 108-10-1	1.19
1-METHOXY-2-PROPANOL ACETATE 108-65-6	0.43
TOLUENE 108-88-3	2.7
BUTYL ACETATE 123-86-4	1.81
XYLENE 1330-20-7	3.15
ISOPROPYL ALCOHOL 67-63-0	0.05
METHANOL 67-56-1	-0.77
ETHYL BENZENE 100-41-4	3.2
ETHANOL 64-17-5	-0.32

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS****Waste treatment****Waste Disposal Methods**

This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261). Dispose of in accordance with federal, state, and local regulations.

**Contaminated packaging**

Do not re-use empty containers.

**14. TRANSPORT INFORMATION****DOT Ground**

LIMITED QUANTITY

**IATA**

UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD .QTY.

IMDG

UN1950, AEROSOLS, 2.1, LTD. QTY.

### 15. REGULATORY INFORMATION

#### International Inventories

Chemical Name	TSCA	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
ACETONE	X	X	X	X	X	X	X	X
PROPANE/ISOBUTANE/N-BUTANE	X	X	X	x	X	X	X	X
METHYL ISOBUTYL KETONE	X	X	X	X	X	X	X	X
1-METHOXY-2-PROPANOL ACETATE	X	X	X	X	X	X	X	X
TOLUENE	X	X	X	X	X	X	X	X
TALC (non-asbestos fiber)	X	X	X	X	X	X	X	X
TITANIUM DIOXIDE	X	X	X	X	X	X	X	X
NITROCELLULOSE RESIN	X	X	Not listed	X	X	X	X	X
BUTYL ACETATE	X	X	X	X	X	X	X	X
XYLENE	X	X	X	X	X	X	X	X
Triethyleneglycol bis(2-ethylh	X	X	X	X	X	X	X	X
ISOPROPYL ALCOHOL	X	X	X	X	X	X	X	X
METHANOL	X	X	X	X	X	X	X	X
ETHYL BENZENE	X	X	X	X	X	X	X	X
ZINC OXIDE	X	X	X	X	X	X	X	X
CARBON BLACK	X	X	X	X	X	X	X	X
ETHANOL	X	X	X	X	X	X	X	X

#### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**CHINA** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

#### U.S. Federal Regulations

##### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does contain a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %*	SARA 313 - Threshold Values %
METHYL ISOBUTYL KETONE - 108-10-1	108-10-1	1-10	0.1
TOLUENE - 108-88-3	108-88-3	1-10	1.0
XYLENE - 1330-20-7	1330-20-7	1-10	1.0
ISOPROPYL ALCOHOL - 67-63-0	67-63-0	1-10	1.0
METHANOL - 67-56-1	67-56-1	0.1-1.0	1.0
ETHYL BENZENE - 100-41-4	100-41-4	.0.1-1.0	0.1
ZINC OXIDE - 1314-13-2	1314-13-2	0.1-1.0	1.0

**SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Star Hazard</b>	Yes
<b>Fire Hazard</b>	Yes
<b>Sudden Release of Pressure Hazard</b>	Yes
<b>Reactive Hazard</b>	No

**Clean Water Act**

This product does contain the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
TOLUENE 108-88-3	1000 lb	X	X	X
BUTYL ACETATE 123-86-4	5000 lb			X
XYLENE 1330-20-7	100 lb			X
ETHYL BENZENE 100-41-4	1000 lb	X	X	X
ZINC OXIDE 1314-13-2		X		

**CERCLA**

This material, as supplied, does contain substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
ACETONE 67-64-1	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
METHYL ISOBUTYL KETONE 108-10-1	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
TOLUENE 108-88-3	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ
BUTYL ACETATE 123-86-4	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
XYLENE 1330-20-7	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ
METHANOL 67-56-1	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
ETHYL BENZENE 100-41-4	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

**U.S. State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals:

Talc (Magnesium Silicate 14807-96-6) in this application, has no asbestos fibers or used as a body powder . Therefore, is NOT classified as a carcinogen. NO warning is needed for Talc ( Magnesium Silicate).

Titanium Dioxide, (CAS # 13463-67-7), must be airborne, unbound, and of a particle size < 10 micrometers in diameter to be considered a Proposition 65 chemical . For this product, Titanium Dioxide is bound in the product and no inhalation exposure will occur during the handling or use of this product in this application. Titanium Dioxide for this application is not considered a Proposition 65 chemical.. NO warning for Titanium Dioxide as a Proposition 65 chemical is required.

Carbon Black (CAS # 1333-86-4), must be airborne, unbound, and of a particle size< 10 micrometers in diameter to be considered a Proposition 65 chemical. For this product, Carbon Black is bound in the product and no inhalation exposure will occur during the handling or use of this product in this application. NO warning is required .



This product can expose you to chemicals including those listed below, which is [are] known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Chemical Name	California Prop. 65
METHYL ISOBUTYL KETONE - 108-10-1	Cancer Developmental 1-10%
TOLUENE - 108-88-3	Developmental / 1-10%
TALC (non-asbestos fiber) - 14807-96-6	Cancer / 1-10%
TITANIUM DIOXIDE - 13463-67-7	Cancer/must be airborne, unbound, and of particle size <10 millimeters ; is bound in polymer and non-respirable Proposition 65 is not applicable for titanium dioxide./ 1-10%
METHANOL - 67-56-1	Developmental / 0.1-1.0%
ETHYL BENZENE - 100-41-4	Cancer/ <0.1 %
CARBON BLACK - 1333-86-4	Cancer/ not airborne or particle size <10 micrometers, tied up in a polymer.(does not apply for this product)/ <0.01%
ETHANOL - 64-17-5	*Ethyl alcohol in alcoholic beverages -For this application is not apply or considered a Proposition 65 chemical / Developmental / <0.1%

#### U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
ACETONE 67-64-1	X	X	X
METHYL ISOBUTYL KETONE 108-10-1	X	X	X
TOLUENE 108-88-3	X	X	X
TALC (non-asbestos fiber) 14807-96-6	X	X	X
TITANIUM DIOXIDE 13463-67-7	X	X	X
NITROCELLULOSE RESIN 9004-70-0	X	X	X
BUTYL ACETATE 123-86-4	X	X	X
XYLENE 1330-20-7	X	X	X
ISOPROPYL ALCOHOL 67-63-0	X	X	X
METHANOL 67-56-1	X	X	X
ETHYL BENZENE 100-41-4	X	X	X
ZINC OXIDE 1314-13-2	X	X	X
CARBON BLACK 1333-86-4	X	X	X
ETHANOL 64-17-5	X	X	X

EPA Pesticide Registration Number Not applicable

#### Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

<b>16. OTHER INFORMATION</b>
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<b><u>NFPA</u></b>	Health Hazard 2	Flammability 4	Instability 0	Physical and chemical hazards -
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<b><u>HMIS</u></b>	Health Hazard 2	Flammability 4	Physical Hazard 1	Personal protection B
<i>Chronic Hazard Star Legend</i>	<i>Chronic Health Star Hazard Repeated or prolonged exposure may cause damage</i>			<i>central nervous system</i>

**Prepared By** Transtar Autobody Technologies

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**Revision Note**

(M)SDS sections updated 2 3 11 15

**Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Safety Data Sheet**