

		(vacated) TWA: 5 mg/m ³ respirable fraction regulated under Rouge	
ETHYL BENZENE 100-41-4	TWA: 20 ppm	TWA: 100 ppm TWA: 435 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m ³ (vacated) STEL: 125 ppm (vacated) STEL: 545 mg/m ³	IDLH: 800 ppm TWA: 100 ppm TWA: 435 mg/m ³ STEL: 125 ppm STEL: 545 mg/m ³
BENZENE 71-43-2	STEL: 2.5 ppm TWA: 0.5 ppm Skin - potential significant contribution to overall exposure by the cutaneous route	TWA: 10 ppm applies to industry segments exempt from the benzene standard at 29 CFR 1910.1028 TWA: 1 ppm (vacated) TWA: 10 ppm unless specified in 1910.1028 (vacated) STEL: 50 ppm 10 min unless specified in 1910.1028 (vacated) Ceiling: 25 ppm unless specified in 1910.1028 Ceiling: 25 ppm STEL: 5 ppm see 29 CFR 1910.1028	IDLH: 500 ppm TWA: 0.1 ppm STEL: 1 ppm

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
 Ventilation systems.

Individual protection measures, such as personal protective equipment

- Eye/Face Protection** Tightly fitting safety goggles. Safety glasses with side-shields.
- 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 Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical properties

<p>Physical state Aerosol</p> <p>Appearance Opaque</p> <p>Color Olive Green</p>	<p>Odor Solvent</p> <p>Odor Threshold</p>
<p>Property</p> <p>pH No information available</p> <p>Melting/freezing point No information available</p> <p>Boiling point/boiling range</p> <p>Flash Point -41.1 °C / -42 °F</p>	<p>Remarks • Methods</p> <p>Based on propellant Flame Extension test results show this product to be extremely flammable for CPSC labelling statements.</p>

Flame Ignition test results show the product to be flammable for GHS flammable classifications in Section 2.

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	0.842
Water solubility	Practically insoluble
Partition coefficient: n-octanol/water	
Autoignition temperature	No information available
Decomposition temperature	
Viscosity	No information available
Explosive properties	

Other information

VOC Content(%)	61.5
MIR Value	0.82
MIR Coating Category	ABP (Auto body primers) MIR <0.95 CALIFORNIA ABP < 1.55 EPA

10. STABILITY AND REACTIVITY

Reactivity

Stable under recommended storage conditions

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.
Eye contact	Irritating to eyes.
Skin contact	Causes skin irritation.
Ingestion	Harmful and may be fatal if swallowed and enters airways and lungs.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
DIMETHYLETHER 115-10-6	-	-	= 164000 ppm (Rat) 4 h
ACETONE 67-64-1	= 5800 mg/kg (Rat)	> 15700 mg/kg (Rabbit)	= 50100 mg/m ³ (Rat) 8 h
HYDROTREATED HEAVY NAPHTHENIC 64742-48-9	> 6000 mg/kg (Rat)	> 3160 mg/kg (Rabbit)	> 8500 mg/m ³ (Rat) 4 h
TOLUENE 108-88-3	= 2600 mg/kg (Rat)	= 12000 mg/kg (Rabbit)	= 12.5 mg/L (Rat) 4 h
2-BUTANONE 78-93-3	= 2483 mg/kg (Rat) = 2737 mg/kg (Rat)	= 5000 mg/kg (Rabbit) = 6480 mg/kg (Rabbit)	= 11700 ppm (Rat) 4 h
TITANIUM DIOXIDE 13463-67-7	> 10000 mg/kg (Rat)	-	-
YELLOW IRON OXIDE 51274-00-1	>10,000 mg/kg (Rat)	= 5500 mg/kg (Rat)	-
LANSCO 5576-C PHTHALO BLUE 15:3 147-14-8	> 10000 mg/kg (Rat)	> 5000 mg/kg (Rat)	-
IRON OXIDE 1309-37-1	> 10000 mg/kg (Rat)	= 5500 mg/kg (Rat)	-
ETHYL BENZENE 100-41-4	= 3500 mg/kg (Rat)	= 15400 mg/kg (Rabbit)	= 17.4 mg/L (Rat) 4 h
BENZENE 71-43-2	= 1800 mg/kg (Rat) = 810 mg/kg (Rat)	> 8200 mg/kg (Rabbit)	= 44.66 mg/L (Rat) 4 h

Information on toxicological effects**Symptoms**

Causes eye and skin irritation. May cause respiratory irritation. May cause drowsiness and dizziness. Harmful if swallowed and enters airways.

Delayed and immediate effects as well as chronic effects from short and long-term exposure**Skin corrosion/irritation**

Causes skin irritation.

Eye damage/irritation

Irritating to eyes.

Sensitization

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

The table below indicates whether each agency has evaluated a listed ingredient as a carcinogen.

Ethyl Benzene and Benzene are in the product at <0.1 % reportable levels.

Chemical Name	ACGIH	IARC	NTP	OSHA
TOLUENE 108-88-3	-	Group 3	-	-
TITANIUM DIOXIDE 13463-67-7	-	2B	-	X
IRON OXIDE 1309-37-1	-	Group 3	-	-
ETHYL BENZENE 100-41-4	A3	Group 2B	-	X
BENZENE 71-43-2	A1	Group 1	Known	X

IARC: (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in 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 toxicity (single exposure)

May cause respiratory irritation. May cause drowsiness or dizziness.

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, Kidney, and Liver.

Aspiration hazard May be fatal if swallowed and enters airways.

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)	16728 mg/kg
ATEmix (dermal)	22332 mg/kg
ATEmix (inhalation-gas)	63433 mg/l
ATEmix (inhalation-vapor)	167.3 mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
DIMETHYLETHER 115-10-6	-	4.1 g/L LC50 <i>Poecilia reticulata</i> 96h semi-static	-	-
ACETONE 67-64-1	-	4.74 - 6.33 mL/L LC50 <i>Oncorhynchus mykiss</i> 96h 6210 - 8120 mg/L LC50 <i>Pimephales promelas</i> 96h static 8300 mg/L LC50 <i>Lepomis macrochirus</i> 96h	-	10294 - 17704 mg/L EC50 <i>Daphnia magna</i> 48h Static 12600 - 12700 mg/L EC50 <i>Daphnia magna</i> 48h
HYDROTREATED HEAVY NAPHTHENIC 64742-48-9	-	2200 mg/L LC50 <i>Pimephales promelas</i> 96h	-	2.6 mg/L LC50 <i>Chaetogammarus marinus</i> 96h
TOLUENE 108-88-3	12.5 mg/L EC50 <i>Pseudokirchneriella subcapitata</i> 72h static 433 mg/L EC50 <i>Pseudokirchneriella subcapitata</i> 96h	11.0 - 15.0 mg/L LC50 <i>Lepomis macrochirus</i> 96h static 14.1 - 17.16 mg/L LC50 <i>Oncorhynchus mykiss</i> 96h static 15.22 - 19.05 mg/L LC50 <i>Pimephales promelas</i> 96h flow-through 5.89 - 7.81 mg/L LC50 <i>Oncorhynchus mykiss</i> 96h flow-through 50.87 - 70.34 mg/L LC50 <i>Poecilia reticulata</i> 96h static 12.6 mg/L LC50 <i>Pimephales promelas</i> 96h static 28.2 mg/L LC50 <i>Poecilia reticulata</i> 96h semi-static 5.8 mg/L LC50 <i>Oncorhynchus mykiss</i> 96h semi-static 54 mg/L LC50 <i>Oryzias latipes</i> 96h static	-	5.46 - 9.83 mg/L EC50 <i>Daphnia magna</i> 48h Static 11.5 mg/L EC50 <i>Daphnia magna</i> 48h
2-BUTANONE 78-93-3	-	3130 - 3320 mg/L LC50 <i>Pimephales promelas</i> 96h flow-through	-	4025 - 6440 mg/L EC50 <i>Daphnia magna</i> 48h Static 5091 mg/L EC50 <i>Daphnia magna</i> 48h 520 mg/L EC50 <i>Daphnia magna</i> 48h
LANSKO 5576-C PHTHALO BLUE 15:3 147-14-8	-	100 mg/L LC50 <i>Oryzias latipes</i> 48h static	-	-
IRON OXIDE 1309-37-1	-	100000 mg/L LC50 <i>Danio rerio</i> 96h static	-	-
ETHYL BENZENE 100-41-4	1.7 - 7.6 mg/L EC50 <i>Pseudokirchneriella subcapitata</i> 96h static 2.6 - 11.3 mg/L EC50 <i>Pseudokirchneriella subcapitata</i> 72h static 4.6 mg/L EC50 <i>Pseudokirchneriella subcapitata</i> 72h 438 mg/L	11.0 - 18.0 mg/L LC50 <i>Oncorhynchus mykiss</i> 96h static 7.55 - 11 mg/L LC50 <i>Pimephales promelas</i> 96h flow-through 9.1 - 15.6 mg/L LC50 <i>Pimephales promelas</i> 96h static 32 mg/L LC50 <i>Lepomis macrochirus</i> 96h static 4.2 mg/L LC50	-	1.8 - 2.4 mg/L EC50 <i>Daphnia magna</i> 48h

	EC50 Pseudokirchneriella subcapitata 96h	Oncorhynchus mykiss 96h semi-static 9.6 mg/L LC50 Poecilia reticulata 96h static		
BENZENE 71-43-2	29 mg/L EC50 Pseudokirchneriella subcapitata 72h	10.7 - 14.7 mg/L LC50 Pimephales promelas 96h flow-through 22330 - 41160 µg/L LC50 Pimephales promelas 96h static 70000 - 142000 µg/L LC50 Lepomis macrochirus 96h static 22.49 mg/L LC50 Lepomis macrochirus 96h static 28.6 mg/L LC50 Poecilia reticulata 96h static 5.3 mg/L LC50 Oncorhynchus mykiss 96h flow-through	-	8.76 - 15.6 mg/L EC50 Daphnia magna 48h Static 10 mg/L EC50 Daphnia magna 48h

Persistence and degradability

.

Bioaccumulation

Chemical Name	log Pow
DIMETHYLETHER 115-10-6	-0.18
ACETONE 67-64-1	-0.24
TOLUENE 108-88-3	2.7
2-BUTANONE 78-93-3	0.3
LANSKO 5576-C PHTHALO BLUE 15:3 147-14-8	6.6
ETHYL BENZENE 100-41-4	3.2
BENZENE 71-43-2	2.1

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**CONSUMER COMMODITY ORM-D
or
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
DIMETHYLETHER	X	X	X	X	X	X	X	X
ACETONE	X	X	X	X	X	X	X	X
HYDROTREATED HEAVY NAPHTHENIC	X	X	X	Not listed	X	X	X	X
TOLUENE	X	X	X	X	X	X	X	X
2-BUTANONE	X	X	X	X	X	X	X	X
CALCIUM CARBONATE	X	X	X	X	X	X	X	X
TITANIUM DIOXIDE	X	X	X	X	X	X	X	X
YELLOW IRON OXIDE	X	X	X	X	X	X	X	X
LANSKO 5576-C PHTHALO BLUE 15:3	X	X	X	X	X	X	X	X
IRON OXIDE	X	X	X	X	X	X	X	X
ETHYL BENZENE	X	X	X	X	X	X	X	X
BENZENE	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 %
TOLUENE - 108-88-3	108-88-3	1-10	1.0
LANSKO 5576-C PHTHALO BLUE 15:3 - 147-14-8	147-14-8	1-10	1.0
ETHYL BENZENE - 100-41-4	100-41-4	<0.1	0.1
BENZENE - 71-43-2	71-43-2	<0.1	0.1

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Star Hazard	Yes
Fire Hazard	Yes
Sudden Release of Pressure Hazard	Yes
Reactive Hazard	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
LANSKO 5576-C PHTHALO BLUE 15:3 147-14-8		X		
ETHYL BENZENE 100-41-4	1000 lb	X	X	X
BENZENE 71-43-2	10 lb	X	X	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
TOLUENE 108-88-3	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ
2-BUTANONE 78-93-3	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
BENZENE 71-43-2	10 lb		RQ 10 lb final RQ RQ 4.54 kg final RQ

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

This product contains the following Proposition 65 chemicals:



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

Chemical Name	California Prop. 65
TOLUENE - 108-88-3	Developmental/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 1-10%
ETHYL BENZENE - 100-41-4	Cancer/ <0.1%
BENZENE - 71-43-2	Cancer Developmental (Male) /<0.1%

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
DIMETHYLETHER 115-10-6	X	X	X
ACETONE 67-64-1	X	X	X
TOLUENE 108-88-3	X	X	X
2-BUTANONE 78-93-3	X	X	X

CALCIUM CARBONATE 1317-65-3	X	X	X
TITANIUM DIOXIDE 13463-67-7	X	X	X
LANSCO 5576-C PHTHALO BLUE 15:3 147-14-8	X		X
IRON OXIDE 1309-37-1	X	X	X
ETHYL BENZENE 100-41-4	X	X	X
BENZENE 71-43-2	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.

16. OTHER INFORMATION

NFPA Health Hazard 2 Flammability 4 Instability 0 Physical and chemical hazards -

HMIS Health Hazard 2* Flammability 4 Physical Hazard 1 Personal protection B

Chronic Hazard Star Legend Repeated or prolonged exposure may cause central nervous system damage Chronic Health Star Hazard

Prepared By Transtar Autobody Technologies

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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