

1. Identification

Product identifier RAPID DRY MULTI-SURFACE GRAY PRIMER

Other means of identification

Product code 633

Recommended use Industrial applications.

Recommended restrictions Professional use only

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name Pacific Coast Lacquer (PCL)
Address 3150 E. Pico Blvd.
 Los Angeles, CA 90023-3683
 United States
Telephone Customer Service (800) 672-4900
Website www.pclautomotive.com
E-mail info@pclautomotive.com
Emergency phone number CHEMTREC (800) 424-9300

2. Hazard(s) identification

Physical hazards	Flammable liquids	Category 2
Health hazards	Serious eye damage/eye irritation	Category 2A
	Sensitization, skin	Category 1
	Germ cell mutagenicity	Category 1B
	Carcinogenicity	Category 1B
	Reproductive toxicity	Category 1
	Specific target organ toxicity, single exposure	Category 3 narcotic effects
	Specific target organ toxicity, repeated exposure	Category 1
Environmental hazards	Not classified.	
OSHA defined hazards	Not classified.	

Label elements



Signal word Danger

Hazard statement Highly flammable liquid and vapor. May cause an allergic skin reaction. Causes serious eye irritation. May cause drowsiness or dizziness. May cause genetic defects. May cause cancer. May damage fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure.

Precautionary statement

Prevention Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Wear eye protection/face protection. Wear protective gloves/protective clothing/eye protection/face protection.

Response	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse. In case of fire: Use appropriate media to extinguish.
Storage	Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.
Supplemental information	None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
ACETONE		67-64-1	50 - < 60
MAGNESIUM SILICATE		14807-96-6	10 - < 20
PCBTF, P-Chlorobenzotrifluoride		98-56-6	5 - < 10
ACRYLIC POLYMER		Proprietary	3 - < 5
CELLULOSE NITRATE		9004-70-0	3 - < 5
DIMETHYLBENZENE (MIXED ISOMERS)		1330-20-7	1 - < 3
ISOPROPYL ALCOHOL		67-63-0	1 - < 3
TITANIUM DIOXIDE		13463-67-7	1 - < 3
DIOCTYL PHTHALATE(DOP)		117-81-7	< 1
ETHYLBENZENE		100-41-4	< 1
SOLVENT NAPHTHA, HEAVY AROMATIC		64742-94-5	< 1
NAPHTHA (PETROLEUM), HYDROSULFURIZED HEAVY		64742-82-1	< 0.3

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

4. First-aid measures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause an allergic skin reaction. Dermatitis. Rash. Prolonged exposure may cause chronic effects.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.
General information	Take off all contaminated clothing immediately. IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media	Alcohol resistant foam. Water fog. Carbon dioxide (CO ₂). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. This liquid may accumulate static electricity when filling properly grounded containers. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	Highly flammable liquid and vapor.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Transfer by mechanical means such as vacuum truck to a salvage tank or other suitable container for recovery or safe disposal. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material. Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination.

7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

For additional information on equipment bonding and grounding, refer to the Canadian Electrical Code in Canada, (CSA C22.1), or the American Petroleum Institute (API) Recommended Practice 2003, "Protection Against Ignitions Arising out of Static, Lightning, and Stray Currents" or National Fire Protection Association (NFPA) 77, "Recommended Practice on Static Electricity" or National Fire Protection Association (NFPA) 70, "National Electrical Code".

Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Eliminate sources of ignition. Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
ACETONE (CAS 67-64-1)	PEL	2400 mg/m ³ 1000 ppm	
DIMETHYLBENZENE (MIXED ISOMERS) (CAS 1330-20-7)	PEL	435 mg/m ³ 100 ppm	
DIOCTYL PHTHALATE(DOP) (CAS 117-81-7)	PEL	5 mg/m ³	
ETHYLBENZENE (CAS 100-41-4)	PEL	435 mg/m ³	
ISOPROPYL ALCOHOL (CAS 67-63-0)	PEL	100 ppm 980 mg/m ³	
SOLVENT NAPHTHA, HEAVY AROMATIC (CAS 64742-94-5)	PEL	400 ppm 400 mg/m ³	
TITANIUM DIOXIDE (CAS 13463-67-7)	PEL	100 ppm 15 mg/m ³	Total dust.

US. OSHA Table Z-3 (29 CFR 1910.1000)

Components	Type	Value	Form
MAGNESIUM SILICATE (CAS 14807-96-6)	TWA	0.3 mg/m ³	Total dust.
		0.1 mg/m ³ 20 mppcf	Respirable.
		2.4 mppcf	Respirable.

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
ACETONE (CAS 67-64-1)	STEL	750 ppm	
	TWA	500 ppm	
DIMETHYLBENZENE (MIXED ISOMERS) (CAS 1330-20-7)	STEL	150 ppm	
	TWA	100 ppm	
DIOCTYL PHTHALATE(DOP) (CAS 117-81-7)	TWA	5 mg/m3	
	TWA	20 ppm	
ETHYLBENZENE (CAS 100-41-4)	TWA	20 ppm	
ISOPROPYL ALCOHOL (CAS 67-63-0)	STEL	400 ppm	
	TWA	200 ppm	
MAGNESIUM SILICATE (CAS 14807-96-6)	TWA	2 mg/m3	Respirable fraction.
	TWA	100 ppm	
NAPHTHA (PETROLEUM), HYDROSULFURIZED HEAVY (CAS 64742-82-1)	TWA	100 ppm	
	TWA	200 mg/m3	Non-aerosol.
SOLVENT NAPHTHA, HEAVY AROMATIC (CAS 64742-94-5)	TWA	200 mg/m3	
TITANIUM DIOXIDE (CAS 13463-67-7)	TWA	10 mg/m3	

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
ACETONE (CAS 67-64-1)	TWA	590 mg/m3	
	TWA	250 ppm	
DIOCTYL PHTHALATE(DOP) (CAS 117-81-7)	STEL	10 mg/m3	
	TWA	5 mg/m3	
ETHYLBENZENE (CAS 100-41-4)	STEL	545 mg/m3	
	TWA	125 ppm	
ISOPROPYL ALCOHOL (CAS 67-63-0)	TWA	435 mg/m3	
	STEL	100 ppm	
ISOPROPYL ALCOHOL (CAS 67-63-0)	STEL	1225 mg/m3	
	TWA	500 ppm	
MAGNESIUM SILICATE (CAS 14807-96-6)	TWA	980 mg/m3	Respirable.
	TWA	400 ppm	
NAPHTHA (PETROLEUM), HYDROSULFURIZED HEAVY (CAS 64742-82-1)	TWA	2 mg/m3	
	Ceiling	1800 mg/m3	

Biological limit values

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
ACETONE (CAS 67-64-1)	50 mg/l	Acetone	Urine	*
DIMETHYLBENZENE (MIXED ISOMERS) (CAS 1330-20-7)	1.5 g/g	Methylhippuric acids	Creatinine in urine	*
ETHYLBENZENE (CAS 100-41-4)	0.15 g/g	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in urine	*

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
ISOPROPYL ALCOHOL (CAS 67-63-0)	40 mg/l	Acetone	Urine	*

* - For sampling details, please see the source document.

Exposure guidelines**US ACGIH Threshold Limit Values: Skin designation**

SOLVENT NAPHTHA, HEAVY AROMATIC (CAS 64742-94-5) Can be absorbed through the skin.

Appropriate engineering controls

Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station. Eye wash fountain and emergency showers are recommended.

Individual protection measures, such as personal protective equipment

Eye/face protection Chemical respirator with organic vapor cartridge and full facepiece.

Skin protection

Hand protection Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

Other Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Respiratory protection Chemical respirator with organic vapor cartridge and full facepiece.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties**Appearance**

Physical state Liquid.

Form Liquid.

Color Gray.

Odor Mild.

Odor threshold Not available.

pH Not available.

Melting point/freezing point -137.2 °F (-94 °C) estimated

Initial boiling point and boiling range 132.8 °F (56 °C) estimated

Flash point -0.4 °F (-18.0 °C) estimated

Evaporation rate Not available.

Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower (%) 2.1 % estimated

Flammability limit - upper (%) 13 % estimated

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure 172.89 hPa estimated

Vapor density Not available.

Relative density Not available.

Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	1004 °F (540 °C) estimated
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	8.42 lbs/gal
Explosive properties	Not explosive.
Flammability class	Flammable IB estimated
Oxidizing properties	Not oxidizing.
Percent volatile	68 % estimated
Specific gravity	1.01
VOC	2.09 lbs/gal (249.97 g/l) Coating VOC 0.55 lbs/gal (65.99 g/l) Material VOC

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong acids. Strong oxidizing agents. Halogens.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	May cause damage to organs through prolonged or repeated exposure by inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting.
Skin contact	May cause an allergic skin reaction.
Eye contact	Causes serious eye irritation.
Ingestion	Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics Headache. May cause drowsiness and dizziness. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause an allergic skin reaction. Dermatitis. Rash.

Information on toxicological effects

Acute toxicity Narcotic effects. May cause an allergic skin reaction.

Components	Species	Test Results
ACETONE (CAS 67-64-1)		
Acute		
Dermal		
LD50	Rabbit	> 5000 mg/kg
Inhalation		
LC50	Rat	> 20 mg/l, 4 Hours
Oral		
LD50	Rat	> 5000 mg/kg
DIMETHYLBENZENE (MIXED ISOMERS) (CAS 1330-20-7)		
Acute		
Dermal		
LD50	Rabbit	> 43 g/kg

Components	Species	Test Results
Inhalation		
LC50	Mouse	3907 mg/l, 6 Hours
	Rat	6350 mg/l, 4 Hours
Oral		
LD50	Mouse	1590 mg/kg
	Rat	3523 - 8600 mg/kg
DIOCTYL PHTHALATE(DOP) (CAS 117-81-7)		
Acute		
Dermal		
LD50	Guinea pig	10 g/kg
	Rabbit	25 g/kg
Oral		
LD50	Guinea pig	26.3 g/kg
	Mouse	> 30 g/kg
	Rabbit	33.9 g/kg
	Rat	> 25 g/kg
ETHYLBENZENE (CAS 100-41-4)		
Acute		
Dermal		
LD50	Rabbit	17800 mg/kg
Oral		
LD50	Rat	3500 mg/kg
ISOPROPYL ALCOHOL (CAS 67-63-0)		
Acute		
Dermal		
LD50	Rabbit	12800 mg/kg
Oral		
LD50	Dog	4797 mg/kg
	Mouse	3600 mg/kg
	Rabbit	5.03 g/kg
	Rat	4.7 g/kg
NAPHTHA (PETROLEUM), HYDROSULFURIZED HEAVY (CAS 64742-82-1)		
Acute		
Inhalation		
LC50	Rat	61 mg/l, 4 Hours
Oral		
LD50	Rat	> 25 ml/kg
PCBTF, P-Chlorobenzotrifluoride (CAS 98-56-6)		
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg
Inhalation		
LC50	Rat	4468 ppm, 4 hours (vapor)
		33 mg/l, 4 hours (vapor)
Oral		
LD50	Rat	13000 mg/kg

Components	Species	Test Results
SOLVENT NAPHTHA, HEAVY AROMATIC (CAS 64742-94-5)		
Acute		
Inhalation		
LC50	Rat	61 mg/l, 4 Hours
Oral		
LD50	Rat	> 25 ml/kg

* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye irritation Causes serious eye irritation.

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization May cause an allergic skin reaction.

Germ cell mutagenicity May cause genetic defects.

Carcinogenicity May cause cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity

DIMETHYLBENZENE (MIXED ISOMERS) (CAS 1330-20-7) 3 Not classifiable as to carcinogenicity to humans.

DIOCTYL PHTHALATE(DOP) (CAS 117-81-7) 2B Possibly carcinogenic to humans.

ETHYLBENZENE (CAS 100-41-4) 2B Possibly carcinogenic to humans.

NAPHTHA (PETROLEUM), HYDROSULFURIZED HEAVY (CAS 64742-82-1) 3 Not classifiable as to carcinogenicity to humans.

TITANIUM DIOXIDE (CAS 13463-67-7) 2B Possibly carcinogenic to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

US. National Toxicology Program (NTP) Report on Carcinogens

DIOCTYL PHTHALATE(DOP) (CAS 117-81-7) Reasonably Anticipated to be a Human Carcinogen.

Reproductive toxicity Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals. May damage fertility or the unborn child.

Specific target organ toxicity - single exposure May cause drowsiness and dizziness.

Specific target organ toxicity - repeated exposure Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard Not an aspiration hazard.

Chronic effects Causes damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

12. Ecological information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components	Species	Test Results
ACETONE (CAS 67-64-1)		
<i>Acute</i>		
Other	LC50	Micro-organisms > 100 mg/l
Aquatic		
<i>Acute</i>		
Algae	LC50	Algae > 100 mg/l
Crustacea	LC50	Crustacea > 100 mg/l
Fish	LC50	Fish > 100 mg/l
<i>Chronic</i>		
Crustacea	NOEC	Crustacea 10 - 100 mg/l

Components	Species	Test Results
DIMETHYLBENZENE (MIXED ISOMERS) (CAS 1330-20-7)		
Aquatic		
Fish	LC50	Bluegill (<i>Lepomis macrochirus</i>) 7.711 - 9.591 mg/l, 96 hours
DIOCTYL PHTHALATE(DOP) (CAS 117-81-7)		
Aquatic		
Crustacea	EC50	Water flea (<i>Daphnia pulex</i>) 0.133 mg/l, 48 hours
Fish	LC50	Bluegill (<i>Lepomis macrochirus</i>) > 0.2 mg/l, 96 hours
ETHYLBENZENE (CAS 100-41-4)		
Aquatic		
Crustacea	EC50	Water flea (<i>Daphnia magna</i>) 1.37 - 4.4 mg/l, 48 hours
Fish	LC50	Fathead minnow (<i>Pimephales promelas</i>) 7.5 - 11 mg/l, 96 hours
ISOPROPYL ALCOHOL (CAS 67-63-0)		
Aquatic		
Fish	LC50	Bluegill (<i>Lepomis macrochirus</i>) > 1400 mg/l, 96 hours
NAPHTHA (PETROLEUM), HYDROSULFURIZED HEAVY (CAS 64742-82-1)		
Aquatic		
Crustacea	EC50	Water flea (<i>Daphnia pulex</i>) 2.7 - 5.1 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (<i>Oncorhynchus mykiss</i>) 8.8 mg/l, 96 hours
8.8 mg/l, 96 hours		
PCBTf, P-Chlorobenzotrifluoride (CAS 98-56-6)		
Aquatic		
<i>Acute</i>		
Algae	EC50	Green algae (<i>Chlamydomonas variabilis</i>) > 0.41 mg/l, 72 hours
Crustacea	EC50	<i>Daphnia magna</i> 2 mg/l, 48 hours
Fish	EC50	Zebra danio (<i>Danio rerio</i>) 3 mg/l, 96 hours
<i>Chronic</i>		
Algae	NOEC	Green algae (<i>Chlamydomonas variabilis</i>) 0.41 mg/l, 21 days
SOLVENT NAPHTHA, HEAVY AROMATIC (CAS 64742-94-5)		
Aquatic		
Crustacea	EC50	Water flea (<i>Daphnia pulex</i>) 2.7 - 5.1 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (<i>Oncorhynchus mykiss</i>) 8.8 mg/l, 96 hours
8.8 mg/l, 96 hours		
TITANIUM DIOXIDE (CAS 13463-67-7)		
Aquatic		
Crustacea	EC50	Water flea (<i>Daphnia magna</i>) > 1000 mg/l, 48 hours
Fish	LC50	Mummichog (<i>Fundulus heteroclitus</i>) > 1000 mg/l, 96 hours

* Estimates for product may be based on additional component data not shown.

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

ACETONE	0.2, (log Pow)
DIMETHYLBENZENE (MIXED ISOMERS)	3.12 - 3.2
DIOCTYL PHTHALATE(DOP)	7.6
ETHYLBENZENE	3.15
ISOPROPYL ALCOHOL	0.05
NAPHTHA (PETROLEUM), HYDROSULFURIZED HEAVY	3.16 - 7.15
PCBTf, P-Chlorobenzotrifluoride	3.7

Mobility in soil	No data available.
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT	
UN number	UN1263
UN proper shipping name	Paint including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler, and liquid lacquer base
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Label(s)	3
Packing group	II
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	149, B52, IB2, T4, TP1, TP8, TP28
Packaging exceptions	150
Packaging non bulk	173
Packaging bulk	242
IATA	
UN number	UN1263
UN proper shipping name	Paint (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base)
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Packing group	II
Environmental hazards	Yes
ERG Code	3L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo aircraft	Allowed.
Cargo aircraft only	Allowed.
IMDG	
UN number	UN1263
UN proper shipping name	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Packing group	II
Environmental hazards	
Marine pollutant	Yes
EmS	F-E, S-E
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not established.

DOT



IATA; IMDG



Marine pollutant



General information

IMDG Regulated Marine Pollutant.

15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

PCBTf, P-Chlorobenzotrifluoride (CAS 98-56-6) 1.0 % One-Time Export Notification only.

TSCA Chemical Action Plans, Chemicals of Concern

DIOCTYL PHTHALATE(DOP) (CAS 117-81-7) Phthalates Action Plan

CERCLA Hazardous Substance List (40 CFR 302.4)

ACETONE (CAS 67-64-1) Listed.

CELLULOSE NITRATE (CAS 9004-70-0) Listed.

DIMETHYLBENZENE (MIXED ISOMERS) (CAS 1330-20-7) Listed.

DIOCTYL PHTHALATE(DOP) (CAS 117-81-7) Listed.

ETHYLBENZENE (CAS 100-41-4) Listed.

ISOPROPYL ALCOHOL (CAS 67-63-0) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
 Delayed Hazard - Yes
 Fire Hazard - Yes
 Pressure Hazard - No
 Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
DIMETHYLBENZENE (MIXED ISOMERS)	1330-20-7	1 - < 3
ISOPROPYL ALCOHOL	67-63-0	1 - < 3
DIOCTYL PHTHALATE(DOP)	117-81-7	< 1
ETHYLBENZENE	100-41-4	< 1

Other federal regulations**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

DIMETHYLBENZENE (MIXED ISOMERS) (CAS 1330-20-7)
 DIOCTYL PHTHALATE(DOP) (CAS 117-81-7)
 ETHYLBENZENE (CAS 100-41-4)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number

ACETONE (CAS 67-64-1) 6532

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))

ACETONE (CAS 67-64-1) 35 %WV

DEA Exempt Chemical Mixtures Code Number

ACETONE (CAS 67-64-1) 6532

US state regulations**US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)**

Not listed.

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

ACETONE (CAS 67-64-1)
 DIMETHYLBENZENE (MIXED ISOMERS) (CAS 1330-20-7)
 DIOCTYL PHTHALATE(DOP) (CAS 117-81-7)
 ETHYLBENZENE (CAS 100-41-4)
 ISOPROPYL ALCOHOL (CAS 67-63-0)
 MAGNESIUM SILICATE (CAS 14807-96-6)
 NAPHTHA (PETROLEUM), HYDROSULFURIZED HEAVY (CAS 64742-82-1)
 SOLVENT NAPHTHA, HEAVY AROMATIC (CAS 64742-94-5)
 TITANIUM DIOXIDE (CAS 13463-67-7)

US. Massachusetts RTK - Substance List

ACETONE (CAS 67-64-1)
 CELLULOSE NITRATE (CAS 9004-70-0)
 DIMETHYLBENZENE (MIXED ISOMERS) (CAS 1330-20-7)
 DIOCTYL PHTHALATE(DOP) (CAS 117-81-7)
 ETHYLBENZENE (CAS 100-41-4)
 ISOPROPYL ALCOHOL (CAS 67-63-0)
 MAGNESIUM SILICATE (CAS 14807-96-6)
 TITANIUM DIOXIDE (CAS 13463-67-7)

US. New Jersey Worker and Community Right-to-Know Act

ACETONE (CAS 67-64-1)
 CELLULOSE NITRATE (CAS 9004-70-0)
 DIMETHYLBENZENE (MIXED ISOMERS) (CAS 1330-20-7)
 DIOCTYL PHTHALATE(DOP) (CAS 117-81-7)

ETHYLBENZENE (CAS 100-41-4)
 ISOPROPYL ALCOHOL (CAS 67-63-0)
 MAGNESIUM SILICATE (CAS 14807-96-6)
 PCBTF, P-Chlorobenzotrifluoride (CAS 98-56-6)
 SOLVENT NAPHTHA, HEAVY AROMATIC (CAS 64742-94-5)
 TITANIUM DIOXIDE (CAS 13463-67-7)

US. Pennsylvania Worker and Community Right-to-Know Law

ACETONE (CAS 67-64-1)
 CELLULOSE NITRATE (CAS 9004-70-0)
 DIMETHYLBENZENE (MIXED ISOMERS) (CAS 1330-20-7)
 DIOCTYL PHTHALATE(DOP) (CAS 117-81-7)
 ETHYLBENZENE (CAS 100-41-4)
 ISOPROPYL ALCOHOL (CAS 67-63-0)
 MAGNESIUM SILICATE (CAS 14807-96-6)
 TITANIUM DIOXIDE (CAS 13463-67-7)

US. Rhode Island RTK

ACETONE (CAS 67-64-1)
 DIMETHYLBENZENE (MIXED ISOMERS) (CAS 1330-20-7)
 DIOCTYL PHTHALATE(DOP) (CAS 117-81-7)
 ETHYLBENZENE (CAS 100-41-4)
 ISOPROPYL ALCOHOL (CAS 67-63-0)

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

BENZENE (CAS 71-43-2)	Listed: February 27, 1987
CARBON BLACK (CAS 1333-86-4)	Listed: February 21, 2003
CRYSTALLINE SILICA QUARTZ (CAS 14808-60-7)	Listed: October 1, 1988
DIOCTYL PHTHALATE(DOP) (CAS 117-81-7)	Listed: January 1, 1988
ETHYLBENZENE (CAS 100-41-4)	Listed: June 11, 2004
METHYL ISOBUTYL KETONE(MIBK) (CAS 108-10-1)	Listed: November 4, 2011
TITANIUM DIOXIDE (CAS 13463-67-7)	Listed: September 2, 2011

US - California Proposition 65 - CRT: Listed date/Developmental toxin

BENZENE (CAS 71-43-2)	Listed: December 26, 1997
DIOCTYL PHTHALATE(DOP) (CAS 117-81-7)	Listed: October 24, 2003
METHYL ISOBUTYL KETONE(MIBK) (CAS 108-10-1)	Listed: March 28, 2014
TOLUENE (CAS 108-88-3)	Listed: January 1, 1991

US - California Proposition 65 - CRT: Listed date/Female reproductive toxin

TOLUENE (CAS 108-88-3)	Listed: August 7, 2009
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US - California Proposition 65 - CRT: Listed date/Male reproductive toxin

BENZENE (CAS 71-43-2)	Listed: December 26, 1997
DIOCTYL PHTHALATE(DOP) (CAS 117-81-7)	Listed: October 24, 2003

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)
 A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date	03-02-2016
Version #	01
HMIS® ratings	Health: 2* Flammability: 3 Physical hazard: 0
NFPA ratings	Health: 2 Flammability: 3 Instability: 0

NFPA ratings**Disclaimer**

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