

SAFETY DATA SHEET

1. Identification

1000002458
CAMIE 390B CONTACT CEMENT
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General Assistance 1-800-325-9572
1-866-836-8855
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01
CONTACT CEMENT ADHESIVE BULK
None known.

2. Hazard(s) identification

Physical hazards	Flammable aerosols	Category 1
Health hazards	Acute toxicity, inhalation	Category 2
	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
	Sensitization, skin	Category 1
	Carcinogenicity	Category 1B
	Reproductive toxicity	Category 1A
	Specific target organ toxicity, single exposure	Category 3 narcotic effects
	Specific target organ toxicity, repeated exposure	Category 2
	Aspiration hazard	Category 1
Environmental hazards	Hazardous to the aquatic environment, acute hazard	Category 2
	Hazardous to the aquatic environment, long-term hazard	Category 2
OSHA defined hazards	Not classified.	
Label elements		



Danger

Highly flammable liquid and vapor. May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause drowsiness or dizziness. May damage fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.

Precautionary statement Prevention

Signal word

Hazard statement

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. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.

Response	If swallowed: Immediately call a poison center/doctor. 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. Specific treatment (see this label). Do NOT induce vomiting. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse. In case of fire: Use appropriate media to extinguish. Eliminate all ignition sources if safe to do so.
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)	None known.
Supplemental information	None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Acetone		67-64-1	10 - 20
Methyl Ethyl Ketone		78-93-3	10 - 20
n-Hexane		110-54-3	10 - 20
Toluene		108-88-3	10 - 20
2-Methylpentane		107-83-5	2.5 - 10
3-Methylpentane		96-14-0	2.5 - 10
2,2-Dimethylbutane		75-83-2	1 - 2.5
2,3-Dimethylbutane		79-29-8	1 - 2.5
2,2'-methylene Bis(4-methyl-6-tert-butylphenol)	2,2'-METHYLEN-BIS-(6-TERTBUTYL-4-ME THYL-PHENOL)	119-47-1	0.1 - 1
Rosin		8050-09-7	0.1 - 1
Zinc Oxide		1314-13-2	0.1 - 1
Other components below reportab	le levels		10 - 20

*Designates that a specific chemical identity and/or percentage 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	Take off immediately all contaminated clothing. Wash off with soap and plenty of water. If skin irritation or rash occurs: Get medical advice/attention. For minor skin contact, avoid spreading material on unaffected skin.
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	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Aspiration may cause pulmonary edema and pneumonitis.
Most important symptoms/effects, acute and delayed	Irritation of eyes and mucous membranes. May cause allergic skin reaction. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Prolonged exposure may cause chronic effects.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. IF exposed or concerned: Get medical advice/attention. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media Alcohol resistant foam. Water fog. Carbon dioxide (CO2). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

Unsuitable extinguishing media	Water. Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	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. By heating and fire, harmful vapors/gases may be formed. Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back.
Special protective equipment and precautions for firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighters protective clothing will only provide limited protection.
Fire-fighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Use standard firefighting procedures and consider the hazards of other involved materials. 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. Move container from fire area if it can be done without risk. In the event of fire and/or explosion do not breathe fumes.
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. Keep out of low areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid inhalation of vapors or mists. 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: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
	Never return spills in original containers for re-use. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination.

7. Handling and storage

r. Hundling and Storage	
Precautions for safe handling	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Vapors may form explosive mixtures with air. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. 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 skin. Avoid contact with eyes. Avoid contact during pregnancy/while nursing. Avoid prolonged exposure. Provide adequate ventilation. Use personal protective equipment as required. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Do not empty into drains.
	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	Level 3 Aerosol. Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Avoid spark promoters. Eliminate sources of ignition. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Store in original tightly closed container. Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Refrigeration recommended. 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	Туре	Value	Form
Acetone (CAS 67-64-1)	PEL	2400 mg/m3	
		1000 ppm	
Methyl Ethyl Ketone (CAS 78-93-3)	PEL	590 mg/m3	
		200 ppm	
n-Hexane (CAS 110-54-3)	PEL	1800 mg/m3	
		500 ppm	
Zinc Oxide (CAS 1314-13-2)	PEL	5 mg/m3	Respirable fraction.
		5 mg/m3	Fume.
		15 mg/m3	Total dust.
US. OSHA Table Z-2 (29 CFR 1910.10	00)		
Components	Туре	Value	
Toluene (CAS 108-88-3)	Ceiling	300 ppm	
	TWA	200 ppm	
US. ACGIH Threshold Limit Values			
Components	Туре	Value	Form
2,2-Dimethylbutane (CAS 75-83-2)	STEL	1000 ppm	
	TWA	500 ppm	
2,3-Dimethylbutane (CAS 79-29-8)	STEL	1000 ppm	
,	TWA	500 ppm	
2-Methylpentane (CAS	STEL	1000 ppm	
107-83-5)			
107-83-5)	TWA	500 ppm	

US. ACGIH Threshold Limit Values

Components	Туре	Value	Form
	TWA	500 ppm	
Acetone (CAS 67-64-1)	STEL	750 ppm	
	TWA	500 ppm	
Methyl Ethyl Ketone (CAS 78-93-3)	STEL	300 ppm	
	TWA	200 ppm	
n-Hexane (CAS 110-54-3)	TWA	50 ppm	
Toluene (CAS 108-88-3)	TWA	20 ppm	
Zinc Oxide (CAS 1314-13-2)	STEL	10 mg/m3	Respirable fraction.
	TWA	2 mg/m3	Respirable fraction.
US. NIOSH: Pocket Guide to Cher	nical Hazards		
Components	Туре	Value	Form
Acetone (CAS 67-64-1)	TWA	590 mg/m3	
		250 ppm	
Methyl Ethyl Ketone (CAS 78-93-3)	STEL	885 mg/m3	
		300 ppm	
	TWA	590 mg/m3	
		200 ppm	
n-Hexane (CAS 110-54-3)	TWA	180 mg/m3	
· · ·		50 ppm	
Toluene (CAS 108-88-3)	STEL	560 mg/m3	
· · · ·		150 ppm	
	TWA	375 mg/m3	
		100 ppm	
Zinc Oxide (CAS	Ceiling	15 mg/m3	Dust.
1314-13-2)			
1314-13-2)	STEL	10 mg/m3	Fume.
1314-13-2)	STEL TWA	10 mg/m3 5 mg/m3	Fume. Dust.

Biological limit values

Components	Value	Determinant	Specimen	Sampling Time
Acetone (CAS 67-64-1)	50 mg/l	Acetone	Urine	*
Methyl Ethyl Ketone (CAS 78-93-3)	2 mg/l	MEK	Urine	*
n-Hexane (CAS 110-54-3)	0.4 mg/l	2,5-Hexanedio n, without hydrolysis	Urine	*
Toluene (CAS 108-88-3)	0.3 mg/g	o-Cresol, with hydrolysis	Creatinine in urine	*
	0.03 mg/l	Toluene	Urine	*
	0.02 mg/l	Toluene	Blood	*

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

Exposure guidelines

US - California OELs: Skir	n designation	
n-Hexane (CAS 110-54	-3)	Can be absorbed through the skin.
Toluene (CAS 108-88-3	3)	Can be absorbed through the skin.
US - Minnesota Haz Subs:	Skin designation applies	
Toluene (CAS 108-88-3	3)	Skin designation applies.
US ACGIH Threshold Limi	t Values: Skin designation	
n-Hexane (CAS 110-54	-3)	Can be absorbed through the skin.
Appropriate engineering controls	Explosion-proof general ar	nd local exhaust ventilation. Provide eyewash station.
Individual protection measure	a auch as norsenal protection	(a aquinment

Individual protection measures, such as personal protective equipment

Eye/face protection Wear eye/face protection. Wear safety glasses with side shields (or goggles).

Hand protection	Wear protective gloves.
Skin protection	
Other	Wear appropriate chemical resistant clothing.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	When using, do not eat, drink or 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	Not available.	
Odor	Not available.	
Odor threshold	Not available.	
рН	Not available.	
Melting point/freezing point	Not available.	
Initial boiling point and boiling range	221.44 °F (105.24 °C) estimated	
Flash point	65.5 °F (18.6 °C) estimated	
Evaporation rate	Not available.	
Flammability (solid, gas)	Not available.	
Upper/lower flammability or exp	losive limits	
Flammability limit - lower (%)	Not available.	
Flammability limit - upper (%)	7.7 % estimated	
Explosive limit - lower (%)	Not available.	
Explosive limit - upper (%)	Not available.	
Vapor pressure	146.62 psig @70F estimated	
Vapor density	Not available.	
Relative density	0.641 g/cm3 estimated	
Solubility(ies)		
Solubility (water)	Not available.	
Partition coefficient (n-octanol/water)	Not available.	
Auto-ignition temperature	496.4 °F (258 °C) estimated	
Decomposition temperature	Not available.	
Viscosity	Not available.	
Other information		
Density	0.64 g/cm3 estimated	
Flammability class	Flammable IB estimated	
Heat of combustion	34.66 kJ/g estimated	
Heat of combustion (NFPA 30B)	34.66 kJ/g estimated	
Percent volatile	61.31 % estimated	
Specific gravity	0.641 estimated	
VOC (Weight %)	44.12 % estimated	

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	Heat, flames and sparks. Avoid temperatures exceeding the flash point.
Incompatible materials	Strong oxidizing agents. Ammonia. Amines. Isocyanates. Caustics.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of	exposure	
Ingestion	May be fatal if swallowed and enters airways.	
Inhalation	May be fatal if swallowed and enters airways. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Prolonged inhalation may be harmful. May cause damage to organs by inhalation.	
2,2'-methylene Bis(4-methyl-6-tert-butylphenol)		< 100 mg/m3 Acute LC50 Estimated Species: Rat
Skin contact	Causes skin irritation. May cause an allergic skin reaction.	
2,2'-methylene Bis(4-methyl-6-tert-butylphenol)		Acute LD50 Species: Rat
Eye contact	Causes serious eye irritation	on.
Symptoms related to the physical, chemical and toxicological characteristics	Symptoms of overexposure effects.	e may be headache, dizziness, tiredness, nausea and vomiting. Irritant

Information on toxicological effects

May be fatal if swallowed and enters airways. Narcotic effects. May cause allergic skin reaction. Acute toxicity > 5000 mg/kg Oral LD50 Estimated Species: Rat 2,2'-methylene Bis(4-methyl-6-tert-butylphenol)

Components	Species	Test Results
2,2'-methylene Bis(4-methyl-6-tert-b	utylphenol) (CAS 119-47-1)	
Acute		
Dermal		
LD50	Rabbit	> 10000 mg/kg, 24 Hours
Acetone (CAS 67-64-1)		
Acute		
Dermal		
LD50	Guinea pig	> 7426 mg/kg, 24 Hours
		> 9.4 ml/kg, 24 Hours
	Rabbit	> 7426 mg/kg, 24 Hours
		> 9.4 ml/kg, 24 Hours
Inhalation		
LC50	Rat	55700 ppm, 3 Hours
		132 mg/l, 3 Hours
		50.1 mg/l
Oral		J
LD50	Rat	5800 mg/kg
		2.2 ml/kg
Methyl Ethyl Ketone (CAS 78-93-3)		
Acute		
Dermal		
LD50	Rabbit	> 10 ml/kg, 24 Hours

Components	Species	Test Results
<i>Oral</i> LD50	Rat	2054 mg/kg
	Rai	2034 mg/kg
-Hexane (CAS 110-54-3) Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg, 4 Hours
	(dob)	> 5 ml/kg, 4 Hours
labolation		> 5 mi/kg, 4 mours
Inhalation LC50	Rat	> 5000 ppm, 24 Hours
2000	Trat	
		> 31.86 mg/l
		73860 ppm, 4 Hours
Oral		
LD50	Rat	24 ml/kg
		24 g/kg
	Wistar rat	49 g/kg
Rosin (CAS 8050-09-7)		
Acute		
Dermal		
LD50	Rat	> 2000 mg/kg, 24 Hours
Oral		
LD50	Rat	1000 - 2000 mg/kg
Гoluene (CAS 108-88-3)		
Acute		
Dermal		
LD50	Rabbit	> 5000 mg/kg, 24 Hours
Inhalation		
LC50	Mouse	6405 - 7436 ppm, 6 Hours
		5320 ppm, 8 Hours
	Rat	5879 - 6281 ppm, 6 Hours
		12.5 - 28.8 mg/l, 4 Hours
Oral		5, 11
LD50	Rat	5000 mg/kg
Zinc Oxide (CAS 1314-13-2)		5 5
Acute		
Inhalation		
LC50	Rat	> 5700 mg/m3
Oral		-
LD50	Mouse	2000 - 5000 mg/kg
* Estimates for product may	be based on additional component data not shown.	
Skin corrosion/irritation	Causes skin irritation.	
Serious eye damage/eye rritation	Causes serious eye irritation.	
Respiratory or skin sensitizati	on	
Respiratory sensitization	Not available.	
Skin sensitization	May cause an allergic skin reaction.	
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
Carcinogenicity	Risk of cancer cannot be excluded with prolonged exposure.	

IARC Monographs. Overall I	Evaluation of Carcinogenicity	
Toluene (CAS 108-88-3)	3 Not classifiable as to carcinogenicity to humans.	
OSHA Specifically Regulate	d Substances (29 CFR 1910.1001-1050)	
Not listed.		
Reproductive toxicity	May damage fertility or the unborn child.	
Specific target organ toxicity - single exposure	Narcotic effects.	
Specific target organ toxicity - repeated exposure	Respiratory system. Skin. Kidneys. Central nervous system. Eyes. Liver. Peripheral nervous system. May cause damage to organs through prolonged or repeated exposure.	
Aspiration hazard	May be fatal if swallowed and enters airways.	
Chronic effects	Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects. May cause damage to organs through prolonged or repeated exposure.	

12. Ecological information

Ecotoxicity Toxic to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected. Components Species Test Results Acetone (CAS 67-64-1) Aquatic Crustacea **EC50** Water flea (Daphnia magna) 21.6 - 23.9 mg/l, 48 hours Fish LC50 Rainbow trout, donaldson trout 4740 - 6330 mg/l, 96 hours (Oncorhynchus mykiss) Methyl Ethyl Ketone (CAS 78-93-3) Aquatic Crustacea 520.0001 mg/L, 48 Hours EC50 Daphnia Fish LC50 Sheepshead minnow (Cyprinodon > 400 mg/l, 96 hours variegatus) n-Hexane (CAS 110-54-3) Aquatic LC50 Fish Fathead minnow (Pimephales promelas) 2.101 - 2.981 mg/l, 96 hours Toluene (CAS 108-88-3) Aquatic Algae IC50 433.0001 mg/L, 72 Hours Algae Crustacea **EC50** Daphnia 7.645 mg/L, 48 Hours Water flea (Daphnia magna) 5.46 - 9.83 mg/l, 48 hours Fish LC50 Coho salmon, silver salmon 8.11 mg/l, 96 hours (Oncorhynchus kisutch) Zinc Oxide (CAS 1314-13-2) Aquatic Fish LC50 Fathead minnow (Pimephales promelas) 2246 mg/l, 96 hours * Estimates for product may be based on additional component data not shown. No data is available on the degradability of this product. Persistence and degradability **Bioaccumulative potential** No data available. Partition coefficient n-octanol / water (log Kow) 2.2-Dimethylbutane 3.82 2,2'-methylene Bis(4-methyl-6-tert-butylphenol) 6.25 3.42 2,3-Dimethylbutane 2-Methylpentane 3.74 3-Methylpentane 3.6 -0.24 Acetone

0.29

2.73

3.9

Methyl Ethyl Ketone

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation Other adverse effects 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. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. 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.	
US RCRA Hazardous Wast	e U List: Reference	
Acetone (CAS 67-64-1)		U002
Methyl Ethyl Ketone (CAS 78-93-3)		U159
Toluene (CAS 108-88-3	5 108-88-3) U220	
Waste from residues / unused	Dispose of in accorda	ance with local regulations. Empty containers or liners may retain some

Waste from residues / unused 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: products Disposal instructions).

Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal.

Since emptied containers may retain product residue, follow label warnings even after container is emptied.

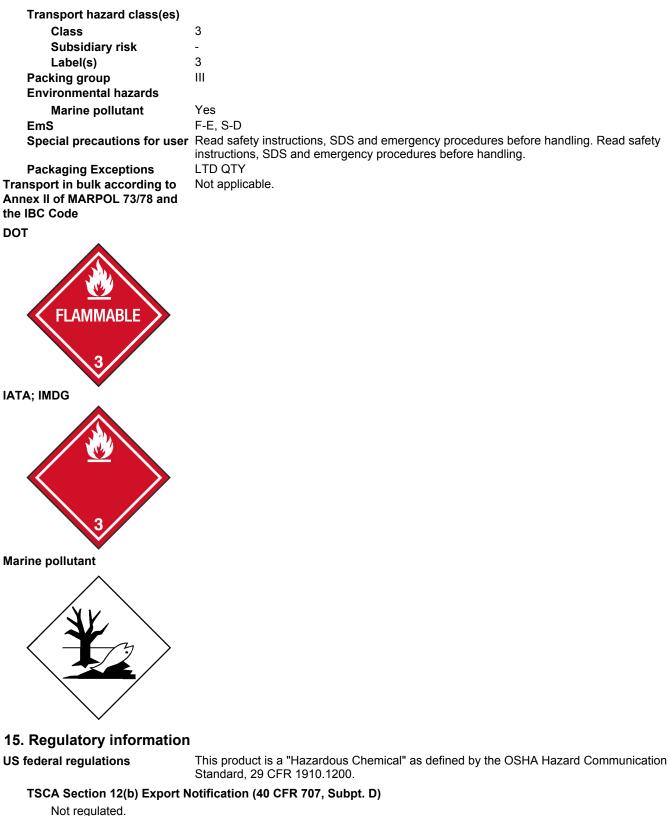
14. Transport information

UN number	UN1133
UN proper shipping name	Adhesives
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Label(s)	2.1
Packing group	III
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.
Special provisions	B1, B52, IB3, T2, TP1
Packaging exceptions	150
Packaging non bulk	173
Packaging bulk	242

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

ΙΑΤΑ

UN1133
Adhesives
3
-
3
Yes
3L
r Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.
Allowed.
Allowed.
LTD QTY
UN1133
ADHESIVES



CERCLA Hazardous Substance List (40 CFR 302.4)

Acetone (CAS 67-64-1)	Listed.
Methyl Ethyl Ketone (CAS 78-93-3)	Listed.
n-Hexane (CAS 110-54-3)	Listed.
Toluene (CAS 108-88-3)	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
	Reactivity Hazaru - NO

SARA 302 Extremely hazardous substance

Chemical name	CAS number	Reportable quantity	Threshold planning quantity	Threshold planning quantity, lower value	Threshold planning quantity, upper value
Ethylene Oxide Formaldehyde	75-21-8 50-00-0	10 100	1000 lbs 500 lbs		
SARA 311/312 Hazar chemical	dous No				
SARA 313 (TRI repor	ting)				
Chemical name	0,		CAS number	% by wt.	
n-Hexane			110-54-3	10 - 20	
Toluene			108-88-3	10 - 20	
Xylene			1330-20-7	0.1 - 1	
1,4-Dioxane			123-91-1	0.01 - 0.1	
2-chlorobuta-1,3-0	diene		126-99-8	0.01 - 0.1	
Ethyl Benzene			100-41-4	0.01 - 0.1	
Ethylene Oxide			75-21-8	0.01 - 0.1	
Formaldehyde			50-00-0	0.01 - 0.1	
ner federal regulations	;				
Clean Air Act (CAA)	Section 112 Hazard	lous Air Polluta	nts (HAPs) List		
n-Hexane (CAS 1 Toluene (CAS 10	10-54-3)		, , , , , , , , , , , , , , , , , , ,		
Clean Air Act (CAA)	,	dental Release	Prevention (40 CFR 6	8.130)	
Not regulated.			·	,	
Safe Drinking Water	Act Not regula	ted			
(SDWA)	Act Notrogula				
(SDWA)	nt Administration (sential Chemicals (21	l CFR 1310.02(b) and 1	310.04(f)(2) and
(SDWA) Drug Enforceme	nt Administration (Number		sential Chemicals (21 6532	l CFR 1310.02(b) and 1	310.04(f)(2) and
(SDWA) Drug Enforceme Chemical Code M Acetone (CA:	nt Administration (Number	DEA). List 2, Es		l CFR 1310.02(b) and 1	310.04(f)(2) and
(SDWA) Drug Enforceme Chemical Code M Acetone (CA:	nt Administration (Number S 67-64-1) Ketone (CAS 78-93-	DEA). List 2, Es	6532	l CFR 1310.02(b) and 1	310.04(f)(2) and
(SDWA) Drug Enforceme Chemical Code M Acetone (CA Methyl Ethyl Toluene (CA	nt Administration (Number S 67-64-1) Ketone (CAS 78-93- S 108-88-3)	DEA). List 2, Es 3)	6532 6714 6594	I CFR 1310.02(b) and 1 ixtures (21 CFR 1310.1	
(SDWA) Drug Enforceme Chemical Code M Acetone (CA Methyl Ethyl Toluene (CA	nt Administration (Number S 67-64-1) Ketone (CAS 78-93- S 108-88-3) nt Administration (DEA). List 2, Es 3)	6532 6714 6594		
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(SDWA) Drug Enforceme Chemical Code M Acetone (CA: Methyl Ethyl Toluene (CA: Drug Enforceme Acetone (CA: Methyl Ethyl Toluene (CA: DEA Exempt Che Acetone (CA: Methyl Ethyl	nt Administration (Number S 67-64-1) Ketone (CAS 78-93- S 108-88-3) nt Administration (S 67-64-1) Ketone (CAS 78-93- S 108-88-3) emical Mixtures Co S 67-64-1) Ketone (CAS 78-93-	DEA). List 2, Es 3) DEA). List 1 & 2 3) de Number	6532 6714 6594 Exempt Chemical Mi 35 %WV 35 %WV 35 %WV 6532 6714		
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(SDWA) Drug Enforceme Chemical Code M Acetone (CA: Methyl Ethyl Toluene (CA: Drug Enforceme Acetone (CA: Methyl Ethyl Toluene (CA: DEA Exempt Che Acetone (CA: Methyl Ethyl Toluene (CA: State regulations US. Massachusetts F 2,2-Dimethylbutar 2,3-Dimethylbutar 3,4-Ethylpentane 3,4-Ethylpentan	nt Administration (Number S 67-64-1) Ketone (CAS 78-93- S 108-88-3) nt Administration (S 67-64-1) Ketone (CAS 78-93- S 108-88-3) emical Mixtures Co S 67-64-1) Ketone (CAS 78-93- S 108-88-3) RTK - Substance Li ne (CAS 75-83-2) ne (CAS 79-29-8) (CAS 107-83-5) (CAS 96-14-0) -64-1) ne (CAS 78-93-3) 10-54-3) 8-88-3)	DEA). List 2, Es 3) DEA). List 1 & 2 3) ode Number 3)	6532 6714 6594 Exempt Chemical Mi 35 %WV 35 %WV 35 %WV 6532 6714		
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2,3-Dimethylbutane (CAS 79-29-8) 2-Methylpentane (CAS 107-83-5) Acetone (CAS 67-64-1) Methyl Ethyl Ketone (CAS 78-93-3) n-Hexane (CAS 110-54-3) Toluene (CAS 108-88-3) Zinc Oxide (CAS 1314-13-2)

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

2,2-Dimethylbutane (CAS 75-83-2) 2,3-Dimethylbutane (CAS 79-29-8) 2-Methylpentane (CAS 107-83-5) 3-Methylpentane (CAS 96-14-0) Acetone (CAS 67-64-1) Methyl Ethyl Ketone (CAS 78-93-3) n-Hexane (CAS 110-54-3) Toluene (CAS 108-88-3) Zinc Oxide (CAS 1314-13-2)

US. Rhode Island RTK

Acetone (CAS 67-64-1) Methyl Ethyl Ketone (CAS 78-93-3) n-Hexane (CAS 110-54-3) Toluene (CAS 108-88-3)

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

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	1,4-Dioxane (CAS 123-91-1)	Listed: January 1, 1988	
	2-chlorobuta-1,3-diene (CAS 126-99-8)	Listed: June 2, 2000	
	4-vinylcyclohexene (CAS 100-40-3)	Listed: May 1, 1996	
	Ethyl Benzene (CAS 100-41-4)	Listed: June 11, 2004	
	Ethylene Oxide (CAS 75-21-8)	Listed: July 1, 1987	
	Formaldehyde (CAS 50-00-0)	Listed: January 1, 1988	
US	- California Proposition 65 - CRT: Listed date/Deve	elopmental toxin	
	Ethylene Oxide (CAS 75-21-8)	Listed: August 7, 2009	
	Toluene (CAS 108-88-3)	Listed: January 1, 1991	
US	- California Proposition 65 - CRT: Listed date/Fem	ale reproductive toxin	
	4-vinylcyclohexene (CAS 100-40-3)	Listed: August 7, 2009	
	Ethylene Oxide (CAS 75-21-8)	Listed: February 27, 1987	
	Toluene (CAS 108-88-3)	Listed: August 7, 2009	
US - California Proposition 65 - CRT: Listed date/Male reproductive toxin			
	Ethylene Oxide (CAS 75-21-8)	Listed: August 7, 2009	

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	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	03-30-2015
Version #	01
Disclaimer	The information in the sheet was written based on the best knowledge and experience currently available. The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.