SAFETY DATA SHEET

1. Identification

Product number	1000011162
Product identifier	16 OZ NEX COAT SFTY YELLOW LB 6PK
Company information	Pro-Line Industries 305 Industrial Way Unit E Dixon, CA 95620 United States
Emergency telephone US	1-866-836-8855
Emergency telephone outside US	1-952-852-4646
Version #	01
Recommended use	COATING
Recommended restrictions	None known.

2. Hazard(s) identification

Physical hazards	Flammable aerosols	Category 1
Health hazards	Serious eye damage/eye irritation	Category 2A
OSHA defined hazards	Specific target organ toxicity, single exposure Not classified.	Category 3 narcotic effects

Label elements



Signal word	Danger
Hazard statement	Extremely flammable aerosol. Causes serious eye irritation. May cause drowsiness or dizziness.
Precautionary statement	
Prevention	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. Avoid breathing gas. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear eye protection/face protection.
Response	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. Call a poison center/doctor if you feel unwell. If eye irritation persists: Get medical advice/attention.
Storage	Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Disposal	Dispose of waste and residues in accordance with local authority requirements.
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	
Propane		74-98-6	10 - 20	
Barium Sulfate, Natural		7727-43-7	2.5 - 10	
Butane		106-97-8	2.5 - 10	
Ethylene Glycol Propyl Ether		2807-30-9	2.5 - 10	

Chemical name	Common name and synonyms	CAS number	%
Isobutyl Acetate		110-19-0	2.5 - 10
Methyl Isobutyl Ketone		108-10-1	2.5 - 10
Methyl Propyl Ketone		107-87-9	2.5 - 10
Titanium dioxide		13463-67-7	2.5 - 10
Propylene Glycol Monomethyl Ether Acetate		108-65-6	1 - 2.5
Xylene		1330-20-7	1 - 2.5
Other components below reportable	levels		20 - 40

*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	Wash off with soap and water. Get medical attention if irritation develops and persists.
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. If eye irritation persists: Get medical advice/attention.
Ingestion	In the unlikely event of swallowing contact a physician or poison control center. Rinse mouth.
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.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media	Alcohol resistant foam. Powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.
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.
Fire fighting equipment/instructions	Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.
General fire hazards	Extremely flammable aerosol.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing gas. Ventilate closed spaces before entering them. 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	Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers.
Environmental precautions	Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling	Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid breathing gas. Avoid contact with eyes. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Level 3 Aerosol.
······································	Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may

cause spark and become an ignition source. Store away from incompatible materials (see Section

8. Exposure controls/personal protection

Occupational exposure limits

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

10 of the SDS).

Components	Туре	Value	Form
Acetone (CAS 67-64-1)	PEL	2400 mg/m3	
		1000 ppm	
Barium Sulfate, Natural	PEL	5 mg/m3	Respirable fraction.
(CAS 7727-43-7)		5	
· · · · · ·		15 mg/m3	Total dust.
Isobutyl Acetate (CAS	PEL	700 mg/m3	
110-19-0)			
,		150 ppm	
Methyl Isobutyl Ketone	PEL	410 mg/m3	
(CAS 108-10-1)		5	
· · · · · ·		100 ppm	
Methyl Propyl Ketone (CAS	PEL	700 mg/m3	
107-87-9)			
,		200 ppm	
Propane (CAS 74-98-6)	PEL	1800 mg/m3	
		1000 ppm	
Titanium dioxide (CAS	PEL	15 mg/m3	Total dust.
13463-67-7)		io ing/ino	
Xylene (CAS 1330-20-7)	PEL	435 mg/m3	
		100 ppm	
US. ACGIH Threshold Limit Values			F
Components	Туре	Value	Form
Acetone (CAS 67-64-1)	STEL	500 ppm	
	TWA	250 ppm	
Barium Sulfate, Natural	TWA	5 mg/m3	Inhalable fraction.
(CAS 7727-43-7)		5	
Butane (CAS 106-97-8)	STEL	1000 ppm	
Isobutyl Acetate (CAS	TWA	150 ppm	
110-19-0)			
Methyl Isobutyl Ketone	STEL	75 ppm	
(CAS 108-10-1)		••	
. ,	TWA	20 ppm	
Methyl Propyl Ketone (CAS	STEL	150 ppm	
107-87-9)		1-1-	
Titanium dioxide (CAS	TWA	10 mg/m3	
13463-67-7)		5	
Xylene (CAS 1330-20-7)	STEL	150 ppm	
· · · · ·	TWA	100 ppm	
US. NIOSH: Pocket Guide to Chem	vical Hazarda	••	
	Type	Value	Form
	·) P C	Value	
Components Acetone (CAS 67-64-1)	TWA	590 mg/m3	

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Туре		Va	alue	Form
Barium Sulfate, Natural	TWA			50 ppm mg/m3	Respirable.
(CAS 7727-43-7)	IWA		5	ing/ino	Respirable.
Putana (CAS 106 07 9)	TWA) mg/m3	Total
Butane (CAS 106-97-8)	IWA			900 mg/m3)0 ppm	
Isobutyl Acetate (CAS 110-19-0)	TWA)0 mg/m3	
Methyl Isobutyl Ketone (CAS 108-10-1)	STEL			50 ppm)0 mg/m3	
, , , , , , , , , , , , , , , , , , ,				5 ppm	
	TWA)5 mg/m3) ppm	
Methyl Propyl Ketone (CAS 107-87-9)	S TWA			30 mg/m3	
				50 ppm	
Propane (CAS 74-98-6)	TWA			300 mg/m3)00 ppm	
US. Workplace Environme		VEEL) Guides			
Components	Туре			alue	
Propylene Glycol Monomethyl Ether Acetate (CAS 108-65-6)	TWA		50) ppm	
logical limit values					
ACGIH Biological Exposu Components	ire Indices Value	Determinant	Specimen	Sampling T	ime
Components Acetone (CAS 67-64-1)	Value 25 mg/l	Acetone	Specimen Urine	Sampling T	ime
Components Acetone (CAS 67-64-1) Methyl Isobutyl Ketone	Value	Acetone Methyl isobutyl	-		ime
Components Acetone (CAS 67-64-1)	Value 25 mg/l	Acetone	Urine	*	ime
Components Acetone (CAS 67-64-1) Methyl Isobutyl Ketone (CAS 108-10-1)	Value 25 mg/l 1 mg/l 1.5 g/g	Acetone Methyl isobutyl ketone Methylhippuric acids	Urine Urine Creatinine in	*	ime
Components Acetone (CAS 67-64-1) Methyl Isobutyl Ketone (CAS 108-10-1) Xylene (CAS 1330-20-7)	Value 25 mg/l 1 mg/l 1.5 g/g	Acetone Methyl isobutyl ketone Methylhippuric acids	Urine Urine Creatinine in	*	ime
Components Acetone (CAS 67-64-1) Methyl Isobutyl Ketone (CAS 108-10-1) Xylene (CAS 1330-20-7) * - For sampling details, ple posure guidelines US - California OELs: Skin	Value 25 mg/l 1 mg/l 1.5 g/g case see the source docu	Acetone Methyl isobutyl ketone Methylhippuric acids ment.	Urine Urine Creatinine in	*	ime
Components Acetone (CAS 67-64-1) Methyl Isobutyl Ketone (CAS 108-10-1) Xylene (CAS 1330-20-7) * - For sampling details, ple posure guidelines US - California OELs: Skin Propylene Glycol Mono 108-65-6)	Value 25 mg/l 1 mg/l 1.5 g/g case see the source docu n designation pomethyl Ether Acetate (C	Acetone Methyl isobutyl ketone Methylhippuric acids iment. AS Can be	Urine Urine Creatinine in urine	ugh the skin.	
Components Acetone (CAS 67-64-1) Methyl Isobutyl Ketone (CAS 108-10-1) Xylene (CAS 1330-20-7) * - For sampling details, ple posure guidelines US - California OELs: Skin Propylene Glycol Mono	Value 25 mg/l 1 mg/l 1.5 g/g case see the source docu n designation pomethyl Ether Acetate (C Good general ventila should be matched t or other engineering	Acetone Methyl isobutyl ketone Methylhippuric acids iment. AS Can be ation (typically 10 a to conditions. If app controls to mainta	Urine Urine Creatinine in urine absorbed throu ir changes per plicable, use pro in airborne leve	* * * hour) should be cess enclosure	e used. Ventilation rates es, local exhaust ventilation mended exposure limits. If
Components Acetone (CAS 67-64-1) Methyl Isobutyl Ketone (CAS 108-10-1) Xylene (CAS 1330-20-7) * - For sampling details, ple posure guidelines US - California OELs: Skin Propylene Glycol Mono 108-65-6) propriate engineering	Value 25 mg/l 1 mg/l 1.5 g/g case see the source docu n designation pomethyl Ether Acetate (C Good general ventila should be matched t or other engineering exposure limits have eyewash station.	Acetone Methyl isobutyl ketone Methylhippuric acids ment. AS Can be ation (typically 10 a to conditions. If app controls to mainta e not been establish otective equipment	Urine Urine Creatinine in urine e absorbed throu bir changes per blicable, use pro in airborne leve hed, maintain a	* * * hour) should be cess enclosure	e used. Ventilation rates es, local exhaust ventilation mended exposure limits. If
Components Acetone (CAS 67-64-1) Methyl Isobutyl Ketone (CAS 108-10-1) Xylene (CAS 1330-20-7) * - For sampling details, ple posure guidelines US - California OELs: Skin Propylene Glycol Mono 108-65-6) propriate engineering trols	Value 25 mg/l 1 mg/l 1.5 g/g case see the source docu n designation pomethyl Ether Acetate (C Good general ventila should be matched t or other engineering exposure limits have eyewash station. es, such as personal pro-	Acetone Methyl isobutyl ketone Methylhippuric acids ment. AS Can be ation (typically 10 a to conditions. If app controls to mainta e not been establish otective equipment	Urine Urine Creatinine in urine e absorbed throu bir changes per blicable, use pro in airborne leve hed, maintain a	* * * hour) should be cess enclosure	e used. Ventilation rates s, local exhaust ventilation
Components Acetone (CAS 67-64-1) Methyl Isobutyl Ketone (CAS 108-10-1) Xylene (CAS 1330-20-7) * - For sampling details, ple posure guidelines US - California OELs: Skin Propylene Glycol Mono 108-65-6) propriate engineering strols	Value 25 mg/l 1 mg/l 1.5 g/g case see the source docu an designation pomethyl Ether Acetate (C Good general ventila should be matched t or other engineering exposure limits have eyewash station. es, such as personal pro- Wear safety glasses	Acetone Methyl isobutyl ketone Methylhippuric acids ment. AS Can be ation (typically 10 a to conditions. If app controls to mainta e not been establish otective equipments with side shields (Urine Urine Creatinine in urine e absorbed throu air changes per olicable, use pro in airborne leve hed, maintain a nt for goggles).	* * * hour) should be cess enclosure is below recom irborne levels to	e used. Ventilation rates es, local exhaust ventilation mended exposure limits. If
Components Acetone (CAS 67-64-1) Methyl Isobutyl Ketone (CAS 108-10-1) Xylene (CAS 1330-20-7) * - For sampling details, ple posure guidelines US - California OELs: Skin Propylene Glycol Mono 108-65-6) propriate engineering trols ividual protection measure Eye/face protection Skin protection	Value 25 mg/l 1 mg/l 1.5 g/g case see the source docu n designation pomethyl Ether Acetate (C Good general ventila should be matched t or other engineering exposure limits have eyewash station. es, such as personal pro Wear safety glasses Wear appropriate ch	Acetone Methyl isobutyl ketone Methylhippuric acids ument. AS Can be ation (typically 10 a to conditions. If app controls to mainta e not been establish otective equipmen with side shields (memical resistant gl	Urine Urine Creatinine in urine e absorbed throu air changes per olicable, use pro in airborne leve hed, maintain a nt for goggles).	* * * hour) should be cess enclosure is below recom irborne levels to	e used. Ventilation rates es, local exhaust ventilation mended exposure limits. If o an acceptable level. Provi
Components Acetone (CAS 67-64-1) Methyl Isobutyl Ketone (CAS 108-10-1) Xylene (CAS 1330-20-7) * - For sampling details, ple posure guidelines US - California OELs: Skin Propylene Glycol Mono 108-65-6) propriate engineering ttrols ividual protection measure Eye/face protection Kin protection Hand protection	Value 25 mg/l 1 mg/l 1.5 g/g asse see the source docu n designation omethyl Ether Acetate (C Good general ventila should be matched t or other engineering exposure limits have eyewash station. es, such as personal pro Wear safety glasses Wear appropriate ch supplier. Wear suitable proteo	Acetone Methyl isobutyl ketone Methylhippuric acids acids ment. AS Can be ation (typically 10 a to conditions. If app controls to mainta e not been establish otective equipment s with side shields (memical resistant gl ctive clothing. are exceeded use	Urine Urine Creatinine in urine absorbed throu air changes per olicable, use pro in airborne leve hed, maintain a nt (or goggles).	* * * hour) should be cess enclosure ls below recom irborne levels to	e used. Ventilation rates es, local exhaust ventilation mended exposure limits. If o an acceptable level. Provi
Components Acetone (CAS 67-64-1) Methyl Isobutyl Ketone (CAS 108-10-1) Xylene (CAS 1330-20-7) * - For sampling details, ple posure guidelines US - California OELs: Skin Propylene Glycol Mond 108-65-6) propriate engineering trols ividual protection measure Eye/face protection Skin protection Hand protection	Value 25 mg/l 1 mg/l 1.5 g/g asse see the source docu n designation pmethyl Ether Acetate (C Good general ventila should be matched t or other engineering exposure limits have eyewash station. es, such as personal pro Wear safety glasses Wear appropriate ch supplier. Wear suitable proteo If permissible levels	Acetone Methyl isobutyl ketone Methylhippuric acids ument. AS Can be ation (typically 10 a to conditions. If app controls to mainta e not been establish otective equipment with side shields (memical resistant gl ctive clothing. are exceeded use or.	Urine Urine Creatinine in urine absorbed throu ir changes per olicable, use pro in airborne leve hed, maintain a nt (or goggles). oves. Suitable of NIOSH mechan	* * * ugh the skin. hour) should be cess enclosure ls below recom irborne levels to gloves can be re nical filter / orga	e used. Ventilation rates es, local exhaust ventilation mended exposure limits. If o an acceptable level. Provi

9. Physical and chemical properties

· · · · · · · · · · · · · · · · · · ·	
Appearance	
Physical state	Gas.
Form	Aerosol.
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	-47.2 °F (-44 °C) estimated
Flash point	9.4 °F (-12.5 °C) estimated
Evaporation rate	> 1 BuAc estimated
Flammability (solid, gas)	Not available.
Upper/lower flammability or expl	osive limits
Flammability limit - lower (%)	2.6 % estimated
Flammability limit - upper (%)	12.8 % estimated
Explosive limit - lower (%)	1.7 estimated
Explosive limit - upper (%)	10.9 estimated
Vapor pressure	40 psig @70F estimated
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
Specific gravity	0.81 estimated
10. Stability and reactivity	
Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.

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 temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong acids. Strong oxidizing agents. Nitrates. Aluminum. Halogens. Phosphorus. Fluorine. Chlorine.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	Causes serious eye irritation.
Ingestion	Expected to be a low ingestion hazard.

May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Information on toxicological effects

Acute toxicity	Narcotic effects.	
Components	Species	Test Results
Acetone (CAS 67-64-1)		
<u>Acute</u>		
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		
LD50	Rat	5800 mg/kg
		2.2 ml/kg
Barium Sulfate, Natural (CA	S 7727-43-7)	
<u>Acute</u>		
Oral		
LD100	Rat	564 g/kg
LD50	Rat	307 g/kg
Butane (CAS 106-97-8)		
<u>Acute</u>		
Inhalation		
LC50	Mouse	1237 mg/l, 120 Minutes
		52 %, 120 Minutes
	Rat	1355 mg/l
Ethylene Glycol Propyl Ethe	r (CAS 2807-30-9)	
<u>Acute</u>		
Dermal	0	
LD50	Guinea pig	5.6 g/kg, 4 Days
	Rabbit	> 1 g/kg, 24 Hours
		1337 ml/kg, 14 Days
Inhalation	5.4	
LC50	Rat	> 2132 ppm, 6 Hours
		> 1800 ppm
Oral		0.0 //
LD50	Guinea pig	2.2 g/kg
	Mouse	1774 mg/kg
	Rat	0.5 - 1 g/kg
Isobutyl Acetate (CAS 110-1	19-0)	
Acute		
Dermal	Dates	
LD50	Rabbit	> 17400 mg/kg, 24 Hours
Inhalation	Det	
LC50	Rat	> 30 mg/l, 6 Hours

Components	Species	Test Results
		> 23.4 mg/l, 4 Hours
Oral		
LD50	Rat	13413 mg/kg
lethyl Isobutyl Ketone (CA	S 108-10-1)	
<u>Acute</u>		
Inhalation		
LC50	Rat	2000 - 4000 ppm, 4 Hours
Oral		
LD50	Rat	2.08 g/kg
lethyl Propyl Ketone (CAS	5 107-87-9)	
Acute		
Inhalation		
Vapor	5.4	
LC50	Rat	> 25.5 mg/l, 4 Hours
Oral		1000 "
LD50	Mouse	1600 mg/kg
	Rat	1600 - 3200 mg/kg
Propane (CAS 74-98-6)		
<u>Acute</u>		
Inhalation		
LC50	Mouse	1237 mg/l, 120 Minutes
		52 %, 120 Minutes
	Rat	1355 mg/l
	Rat	
Propylene Glycol Monomet		1355 mg/l 658 mg/l/4h
	Rat hyl Ether Acetate (CAS 108-65-6)	
Acute		
		658 mg/l/4h
<u>Acute</u> Dermal LD50	hyl Ether Acetate (CAS 108-65-6)	
<u>Acute</u> Dermal	hyl Ether Acetate (CAS 108-65-6)	658 mg/l/4h > 2000 mg/kg, 24 Hours
<u>Acute</u> Dermal LD50 Oral	hyl Ether Acetate (CAS 108-65-6) Rat	658 mg/l/4h > 2000 mg/kg, 24 Hours > 5000 mg/kg
Acute Dermal LD50 Oral LD50	hyl Ether Acetate (CAS 108-65-6) Rat Rat	658 mg/l/4h > 2000 mg/kg, 24 Hours
Acute Dermal LD50 Oral LD50	hyl Ether Acetate (CAS 108-65-6) Rat Rat	658 mg/l/4h > 2000 mg/kg, 24 Hours > 5000 mg/kg
Acute Dermal LD50 Oral LD50 Titanium dioxide (CAS 1346 Acute	hyl Ether Acetate (CAS 108-65-6) Rat Rat	658 mg/l/4h > 2000 mg/kg, 24 Hours > 5000 mg/kg
Acute Dermal LD50 Oral LD50 Titanium dioxide (CAS 1346 <u>Acute</u> Inhalation	hyl Ether Acetate (CAS 108-65-6) Rat Rat 63-67-7)	658 mg/l/4h > 2000 mg/kg, 24 Hours > 5000 mg/kg > 14.1 ml
Acute Dermal LD50 Oral LD50 Titanium dioxide (CAS 1346 Acute Inhalation LC50	hyl Ether Acetate (CAS 108-65-6) Rat Rat	658 mg/l/4h > 2000 mg/kg, 24 Hours > 5000 mg/kg
Acute Dermal LD50 Oral LD50 Titanium dioxide (CAS 1346 Acute Inhalation LC50 Oral	hyl Ether Acetate (CAS 108-65-6) Rat 63-67-7) Rat	658 mg/l/4h > 2000 mg/kg, 24 Hours > 5000 mg/kg > 14.1 ml > 2.28 mg/l, 4 Hours
Acute Dermal LD50 Oral LD50 Titanium dioxide (CAS 1346 Acute Inhalation LC50	hyl Ether Acetate (CAS 108-65-6) Rat 63-67-7) Rat Mouse	658 mg/l/4h > 2000 mg/kg, 24 Hours > 5000 mg/kg > 14.1 ml > 2.28 mg/l, 4 Hours > 5000 mg/kg
Acute Dermal LD50 Oral LD50 Titanium dioxide (CAS 1346 Acute Inhalation LC50 Oral LD50	hyl Ether Acetate (CAS 108-65-6) Rat 63-67-7) Rat	658 mg/l/4h > 2000 mg/kg, 24 Hours > 5000 mg/kg > 14.1 ml > 2.28 mg/l, 4 Hours
Acute Dermal LD50 Oral LD50 Titanium dioxide (CAS 1346 Acute Inhalation LC50 Oral LD50 (Vylene (CAS 1330-20-7)	hyl Ether Acetate (CAS 108-65-6) Rat 63-67-7) Rat Mouse	658 mg/l/4h > 2000 mg/kg, 24 Hours > 5000 mg/kg > 14.1 ml > 2.28 mg/l, 4 Hours > 5000 mg/kg
Acute Dermal LD50 Oral LD50 Titanium dioxide (CAS 1346 Acute Inhalation LC50 Oral LD50 (ylene (CAS 1330-20-7) Acute	hyl Ether Acetate (CAS 108-65-6) Rat 63-67-7) Rat Mouse	658 mg/l/4h > 2000 mg/kg, 24 Hours > 5000 mg/kg > 14.1 ml > 2.28 mg/l, 4 Hours > 5000 mg/kg
Acute Dermal LD50 Oral LD50 Titanium dioxide (CAS 1346 Acute Inhalation LC50 Oral LD50 Sylene (CAS 1330-20-7) Acute Dermal	hyl Ether Acetate (CAS 108-65-6) Rat 63-67-7) Rat Mouse Rat	658 mg/l/4h > 2000 mg/kg, 24 Hours > 5000 mg/kg > 14.1 ml > 2.28 mg/l, 4 Hours > 5000 mg/kg > 2000 mg/kg
Acute Dermal LD50 Oral LD50 Titanium dioxide (CAS 1346 Acute Inhalation LC50 Oral LD50 (ylene (CAS 1330-20-7) Acute	hyl Ether Acetate (CAS 108-65-6) Rat 63-67-7) Rat Mouse	658 mg/l/4h > 2000 mg/kg, 24 Hours > 5000 mg/kg > 14.1 ml > 2.28 mg/l, 4 Hours > 5000 mg/kg > 2000 mg/kg > 5000 ml/kg, 4 Hours
Acute Dermal LD50 Oral LD50 Titanium dioxide (CAS 1346 Acute Inhalation LC50 Oral LD50 Sylene (CAS 1330-20-7) Acute Dermal LD50	hyl Ether Acetate (CAS 108-65-6) Rat 63-67-7) Rat Mouse Rat	658 mg/l/4h > 2000 mg/kg, 24 Hours > 5000 mg/kg > 14.1 ml > 2.28 mg/l, 4 Hours > 5000 mg/kg > 2000 mg/kg
Acute Dermal LD50 Oral LD50 Titanium dioxide (CAS 1346 Acute Inhalation LC50 Oral LD50 Sylene (CAS 1330-20-7) Acute Dermal LD50	hyl Ether Acetate (CAS 108-65-6) Rat 63-67-7) Rat Mouse Rat Rabbit	658 mg/l/4h > 2000 mg/kg, 24 Hours > 5000 mg/kg > 14.1 ml > 2.28 mg/l, 4 Hours > 5000 mg/kg > 2000 mg/kg > 5000 ml/kg, 4 Hours 12126 mg/kg, 24 Hours
Acute Dermal LD50 Oral LD50 Titanium dioxide (CAS 1346 Acute Inhalation LC50 Oral LD50 Sylene (CAS 1330-20-7) Acute Dermal LD50	hyl Ether Acetate (CAS 108-65-6) Rat 63-67-7) Rat Mouse Rat	658 mg/l/4h > 2000 mg/kg, 24 Hours > 5000 mg/kg > 14.1 ml > 2.28 mg/l, 4 Hours > 5000 mg/kg > 2000 mg/kg > 5000 ml/kg, 4 Hours
Acute Dermal LD50 Oral LD50 Titanium dioxide (CAS 1346 Acute Inhalation LC50 Oral LD50 Cylene (CAS 1330-20-7) Acute Dermal LD50 Inhalation LC50 Oral	hyl Ether Acetate (CAS 108-65-6) Rat 63-67-7) Rat Mouse Rat Rabbit	658 mg/l/4h > 2000 mg/kg, 24 Hours > 5000 mg/kg > 14.1 ml > 2.28 mg/l, 4 Hours > 5000 mg/kg > 2000 mg/kg > 5000 ml/kg, 4 Hours 12126 mg/kg, 24 Hours 5922 ppm, 4 Hours
Acute Dermal LD50 Oral LD50 Titanium dioxide (CAS 1346 Acute Inhalation LC50 Oral LD50 (ylene (CAS 1330-20-7) Acute Dermal LD50 Inhalation LD50	hyl Ether Acetate (CAS 108-65-6) Rat 63-67-7) Rat Mouse Rat Rabbit	658 mg/l/4h > 2000 mg/kg, 24 Hours > 5000 mg/kg > 14.1 ml > 2.28 mg/l, 4 Hours > 5000 mg/kg > 2000 mg/kg > 5000 ml/kg, 4 Hours 12126 mg/kg, 24 Hours

Components	Species			Test Results
				10 ml/kg
* Estimates for product may	be based on add	ditional componer	nt data not shown.	
Skin corrosion/irritation	Prolonged sk	tin contact may ca	ause temporary irritat	ion.
Serious eye damage/eye irritation	Causes seric	ous eye irritation.		
Respiratory or skin sensitizatio	on			
Respiratory sensitization	Not a respira	tory sensitizer.		
Skin sensitization	This product	is not expected to	o cause skin sensitiza	ation.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.			nents present at greater than 0.1% are
Carcinogenicity	Risk of cance	er cannot be exclu	uded with prolonged e	exposure.
IARC Monographs. Overal	Evaluation of	Carcinogenicity		
Methyl Isobutyl Ketone Titanium dioxide (CAS 1 Xylene (CAS 1330-20-7 OSHA Specifically Regulat Not regulated. US. National Toxicology P	13463-67-7)) red Substances		001-1050)	
Not listed.			-	
Reproductive toxicity	Components laboratory ar		ave been shown to ca	use birth defects and reproductive disorders i
Specific target organ toxicity - single exposure	May cause d	rowsiness and dia	zziness.	
Specific target organ toxicity - repeated exposure	Not classified	J.		
Aspiration hazard	Not likely, du	e to the form of th	ne product.	
Chronic effects	Prolonged in	halation may be h	armful. Prolonged ex	posure may cause chronic effects.
12. Ecological informatio	n			
12. Leological informatio				
•				zardous. However, this does not exclude the armful or damaging effect on the environment
•				
Ecotoxicity		at large or frequer		armful or damaging effect on the environment
Ecotoxicity Components		at large or frequer		armful or damaging effect on the environment
Ecotoxicity Components Acetone (CAS 67-64-1)		at large or frequer	nt spills can have a ha	armful or damaging effect on the environment

Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	4740 - 6330 mg/l, 96 hours
Barium Sulfate, Natura	al (CAS 7727-43-7)		
Aquatic			
Crustacea	EC50	Tubificid worm (Tubifex tubifex)	28.61 - 38.03 mg/l, 48 hours
Methyl Isobutyl Ketone	e (CAS 108-10-1)		
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	492 - 593 mg/l, 96 hours
Methyl Propyl Ketone	(CAS 107-87-9)		
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	1190 - 1290 mg/l, 96 hours
Propylene Glycol Mon	omethyl Ether Aceta	te (CAS 108-65-6)	
Aquatic			
Crustacea	EC50	Daphnia	500.0001 mg/L, 48 Hours
Titanium dioxide (CAS	3 13463-67-7)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	> 1000 mg/l, 48 hours

Components		Species	Test Results	
Fish	_C50	Mummichog (Fundulus heteroclitus)	> 1000 mg/l, 96 hours	
Xylene (CAS 1330-20-7)				
Aquatic				
Fish	_C50	Bluegill (Lepomis macrochirus)	7.711 - 9.591 mg/l, 96 hours	
* Estimates for product may be	e based on add	itional component data not shown.		
Persistence and degradability	No data is av	ailable on the degradability of this product		
Bioaccumulative potential				
Partition coefficient n-octand Acetone Butane	ol / water (log	Kow) -0.24 2.89		
Isobutyl Acetate Methyl Isobutyl Ketone Methyl Propyl Ketone Propane	1.78 1.31 0.91			
Xylene		2.36 3.12 - 3.2		
Mobility in soil	No data availa			
Other adverse effects	No data available. 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 consideration	IS			
Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. 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. Do not re-use empty containers.			
14. Transport information				
DOT				
UN number	UN1950			
UN proper shipping name Transport hazard class(es)	Aerosols, flan	nmable, (each not exceeding 1 L capacity)		
Class	2.1			
Subsidiary risk	-			
Label(s)	2.1			
Packing group	Not applicable.			
Special precautions for user	 Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling. 			
Special provisions	N82			
Packaging exceptions	306			
Packaging non bulk	None			
Until 12/31/2020, the "Consum mark for packages of UN 1950	None tion requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. ner Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond 0 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 e of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.			
IATA				
UN number	UN1950			
UN proper shipping name	Aerosols, flan	nmable		

UN proper shipping name Transport hazard class(es)	Aerosols, flamma
Class	2.1
Subsidiary risk	-

Label(s)	2.1
Packing group	Not applicable.
Environmental hazards	No.
ERG Code	10L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo aircraft	Allowed with restrictions.
Cargo aircraft only	Allowed with restrictions.
Packaging Exceptions	LTD QTY
IMDG	
UN number	UN1950
UN proper shipping name	AEROSOLS
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	None
Packing group	Not applicable.
Environmental hazards	
Marine pollutant	No.
EmS	F-D, S-U
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling. Read safety
	instructions, SDS and emergency procedures before handling.
Packaging Exceptions	LTD QTY
Transport in bulk according to	Not applicable.
Annex II of MARPOL 73/78 and the IBC Code	

DOT



15. Regulatory information

US federal regulations

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

Listed. Listed. Listed.

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

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

-	
Acetone (CAS 67-64-1)	
Isobutyl Acetate (CAS 110-19-0)	
Methyl Isobutyl Ketone (CAS 108-10-1)	

SA	Xylene (CAS 1330-20-7) ARA 304 Emergency releas	se notification	Listed.		
0	Not regulated.	d Substances (20 CED 4040	4004 4050)		
08	Not regulated.	d Substances (29 CFR 1910.	1001-1050)		
Suporf	-	authorization Act of 1986 (S			
	izard categories	Immediate Hazard - Yes Delayed Hazard - No Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No			
SA	ARA 302 Extremely hazard Not listed.	lous substance			
_	ARA 311/312 Hazardous emical	No			
SA	ARA 313 (TRI reporting) Chemical name		CAS number	% by wt.	
	Methyl Isobutyl Ketone Xylene		108-10-1 1330-20-7	2.5 - 10 1 - 2.5	
	federal regulations				
	Methyl Isobutyl Ketone (C Xylene (CAS 1330-20-7)	·			
Cle		112(r) Accidental Release P	revention (40 CFR	68.130)	
	Butane (CAS 106-97-8) Propane (CAS 74-98-6)				
	ife Drinking Water Act DWA)	Not regulated.			
	Drug Enforcement Admi Chemical Code Number	inistration (DEA). List 2, Ess		21 CFR 1310.02(b) and 13	310.04(f)(2) and
	Acetone (CAS 67-64- Methyl Isobutyl Ketor Drug Enforcement Admi		6532 6715 Exempt Chemical I	Mixtures (21 CFR 1310.12	2(c))
	Acetone (CAS 67-64- Methyl Isobutyl Ketor DEA Exempt Chemical M	-1) ne (CAS 108-10-1)	35 %WV 35 %WV		
	Acetone (CAS 67-64- Methyl Isobutyl Ketor		6532 6715		
US sta	te regulations				
US	6. California Controlled Su	bstances. CA Department of	f Justice (California	a Health and Safety Code	e Section 11100)
US (a)		nemicals List. Safer Consum	er Products Regul	ations (Cal. Code Regs, 1	tit. 22, 69502.3, subd.
(4)	Acetone (CAS 67-64-1) Butane (CAS 106-97-8) Methyl Isobutyl Ketone (C Titanium dioxide (CAS 13 Xylene (CAS 1330-20-7)				
US	S. Massachusetts RTK - Su	ubstance List			
	Acetone (CAS 67-64-1) Barium Sulfate, Natural (C Butane (CAS 106-97-8) Isobutyl Acetate (CAS 110 Methyl Isobutyl Ketone (C Methyl Propyl Ketone (CA Propane (CAS 74-98-6) Titanium dioxide (CAS 13 Xylene (CAS 1330-20-7)	0-19-0) CAS 108-10-1) AS 107-87-9)			

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

Acetone (CAS 67-64-1) Barium Sulfate, Natural (CAS 7727-43-7) Butane (CAS 106-97-8) Isobutyl Acetate (CAS 110-19-0) Methyl Isobutyl Ketone (CAS 108-10-1) Methyl Propyl Ketone (CAS 107-87-9) Propane (CAS 74-98-6) Titanium dioxide (CAS 13463-67-7) Xylene (CAS 1330-20-7)

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

Acetone (CAS 67-64-1) Barium Sulfate, Natural (CAS 7727-43-7) Butane (CAS 106-97-8) Isobutyl Acetate (CAS 110-19-0) Methyl Isobutyl Ketone (CAS 108-10-1) Methyl Propyl Ketone (CAS 107-87-9) Propane (CAS 74-98-6) Titanium dioxide (CAS 13463-67-7) Xylene (CAS 1330-20-7)

US. Rhode Island RTK

Acetone (CAS 67-64-1) Butane (CAS 106-97-8) Isobutyl Acetate (CAS 110-19-0) Methyl Isobutyl Ketone (CAS 108-10-1) Propane (CAS 74-98-6) Xylene (CAS 1330-20-7)

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

Methyl Isobutyl Ketone (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

Methyl Isobutyl Ketone (CAS 108-10-1)	Listed: March 28, 2014
---------------------------------------	------------------------

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)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
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	07-15-2016
Version #	01

	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.
Revision information	Product and Company Identification: Alternate Trade Names