



## SAFETY DATA SHEET

in accordance with 2020/878/EU (REACH, Annex II) 29 CFR 1910.1200, WHMIS 2015 and Safe Work Australia

**Revision date:** 15 February 2024

**Date of previous issue:** 6 June 2019

**SDS No.** 110A-24

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

421 Clear Protective Coating (Aerosol)

**Unique Formula Identifier (UFI):** T52X-8PAY-2JNW-6R7K

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified uses:** General duty, impermeable, flexible plastic coating. Protects against air, water, oils, chemicals, corrosion.

**Uses advised against:** No information available

**Reason why uses advised against:** Not applicable

#### 1.3. Details of the supplier of the safety data sheet

**Company:**

A.W. CHESTERTON COMPANY

860 Salem Street

Groveland, MA 01834-1507, USA

Tel. +1 978-469-6446

(Mon. - Fri. 8:30 - 5:00 PM EST)

SDS requests: [www.chesterton.com](http://www.chesterton.com)

E-mail (SDS questions): [ProductSDSs@chesterton.com](mailto:ProductSDSs@chesterton.com)

E-mail: [customer.service@chesterton.com](mailto:customer.service@chesterton.com)

**Supplier:**

Canada: A.W. Chesterton Company Ltd., 889 Fraser Drive,

Unit 105, Burlington, Ontario L7L 4X8 – Tel. 905-335-5055

EU: Chesterton International GmbH, Am Lenzenfleck 23,

D85737 Ismaning, Germany – Tel. +49-89-996-5460

#### 1.4. Emergency telephone number

24 hours per day, 7 days per week

Call Infotrac: 1-800-535-5053

Outside N. America: +1 352-323-3500 (collect)

NSW Poisons Information Centre (Australia): 13 11 26

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

##### 2.1.1. Classification according to Regulation (EC) No 1272/2008 [CLP] / Safe Work Australia

Aerosol, Category 1, H222, H229

Skin irritation, Category 2, H315

Eye irritation, Category 2, H319

Specific target organ toxicity – single exposure, Category 3, H336

Reproductive toxicity, Category 2, H361d

Specific target organ toxicity – repeated exposure, Category 2, H373 (central nervous system, inhalation)

Hazardous to the aquatic environment, Chronic, Category 3, H412

##### 2.1.2. Classification according to 29 CFR 1910.1200 / WHMIS 2015

Flammable aerosol, Category 1, H222

Compressed gas, H280

Skin irritation, Category 2, H315

Eye irritation, Category 2, H319

Specific target organ toxicity – single exposure, Category 3, H336

Reproductive toxicity, Category 2, H361d

Specific target organ toxicity – repeated exposure, Category 2, H373 (central nervous system, inhalation)

Hazardous to the aquatic environment, Chronic, Category 3, H412

**2.1.3. Additional information**

For full text of H-statements: see SECTIONS 2.2 and 16.

**2.2. Label elements****2.2.1. Labelling according to Regulation (EC) No 1272/2008 [CLP] / Safe Work Australia****Hazard pictograms:****Signal word:**

Danger

**Hazard statements:**

H222 Extremely flammable aerosol.  
 H229 Pressurized container: May burst if heated.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H336 May cause drowsiness or dizziness.  
 H361d Suspected of damaging the unborn child.  
 H373 May cause damage to the central nervous system through prolonged or repeated exposure by inhalation.  
 H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements:**

P201 Obtain special instructions before use.  
 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P211 Do not spray on an open flame or other ignition source.  
 P251 Do not pierce or burn, even after use.  
 P260 Do not breathe vapours/spray.  
 P264 Wash skin thoroughly after handling.  
 P271 Use only outdoors or in a well-ventilated area.  
 P280 Wear protective gloves/clothing and eye/face protection.  
 P308/313 IF exposed or concerned: Get medical advice/attention.  
 P410/412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

**Supplemental information:** None**2.2.2. Labelling according to 29 CFR 1910.1200 / WHMIS 2015****Hazard pictograms:****Signal word:**

Danger

**Hazard statements:**

H222 Extremely flammable aerosol.  
 H280 Contains gas under pressure; may explode if heated.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H336 May cause drowsiness or dizziness.  
 H361d Suspected of damaging the unborn child.  
 H373 May cause damage to the central nervous system through prolonged or repeated exposure by inhalation.  
 H412 Harmful to aquatic life with long lasting effects.

<b>Precautionary statements:</b>	P201	Obtain special instructions before use.
	P202	Do not handle until all safety precautions have been read and understood.
	P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
	P211	Do not spray on an open flame or other ignition source.
	P251	Do not pierce or burn, even after use.
	P260	Do not breathe vapours/spray.
	P264	Wash skin thoroughly after handling.
	P271	Use only outdoors or in a well-ventilated area.
	P280	Wear protective gloves/clothing and eye/face protection.
	P302/352	IF ON SKIN: Wash with plenty of soap and water.
	P304/340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
	P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P308/313	IF exposed or concerned: Get medical advice/attention.
	P362/364	Take off contaminated clothing and wash it before reuse.
	P410/412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501	Dispose of contents/container to an approved waste disposal plant.	

**Supplemental information:** None

### 2.3. Other hazards

None known

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

Hazardous Ingredients <sup>1</sup>	% Wt.	CAS No./ EC No.	REACH Reg. No.	CLP/GHS Classification	SCL, M-factor, ATE
Toluene	25-30	108-88-3 203-625-9	NA	Flam. Liq. 2, H225 Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336 Repr. 2, H361d STOT RE 2, H373 (CNS, inhalation) Aquatic Chronic 3, H412	ATE (oral): 5,580 mg/kg ATE (dermal): 12,267 mg/kg ATE (inhalation, vapour): 25.7 mg/l
Butanone (Synonym: Methyl ethyl ketone)	15-25	78-93-3 201-159-0	NA	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	ATE (oral): > 2,600 mg/kg ATE (dermal): > 8,000 mg/kg ATE (inhalation, vapour): 34.5 mg/l
Acetone	15-25	67-64-1 200-662-2	NA	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	ATE (oral): 5,800 mg/kg ATE (dermal): 15,800 mg/kg ATE (inhalation, vapour): > 20 mg/l
Isobutane*	10-20	75-28-5 200-857-2	NA	Flam. Gas 1, H220 Press. Gas (Comp.), H280 Simple Asphyxiant (US/Can.)	ATE (inhalation, vapour): 658 mg/l
2-Methoxy-1-methylethyl acetate	1-5	108-65-6 203-603-9	NA	Flam. Liq. 3, H226	ATE (oral): > 8,532 mg/kg ATE (dermal): > 5,000 mg/kg
Propane	1-5	74-98-6 200-827-9	NA	Flam. Gas 1, H220 Press. Gas (Comp.), H280 Simple Asphyxiant (US/Can.)	ATE (inhalation, vapour): 658 mg/l

For full text of H-statements: see SECTION 16.

\* Contains less than 0.1 % w/w 1,3-Butadiene.

<sup>1</sup> Classified according to: • 29 CFR 1910.1200, 1915, 1916, 1917, Mass. Right-to-Know Law (ch. 40, M.G.L..O. 111F)  
• 1272/2008/EC, GHS, REACH  
• WHMIS 2015  
• Safe Work Australia

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

**Inhalation:** Remove to fresh air. If not breathing, administer artificial respiration. Contact physician immediately.

**Skin contact:** Wash skin with soap and water. Take off contaminated clothing and wash it before reuse. Contact physician.

**Eye contact:** Flush eyes for at least 15 minutes with large amounts of water. Contact physician.

**Ingestion:** Do not induce vomiting. Contact physician immediately.

**Protection of first-aiders:** No action shall be taken involving any personal risk or without suitable training. Avoid contact with the product while providing aid to the victim. Do not breathe vapours. See section 8.2.2 for recommendations on personal protective equipment.

### 4.2. Most important symptoms and effects, both acute and delayed

Causes skin irritation. Direct eye contact will cause eye irritation. Excessive inhalation of vapors will cause dizziness, headache, nausea, eye and respiratory tract irritation, irregular heartbeats (arrhythmia) and in extreme cases, loss of consciousness.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptoms. Do not administer adrenaline (epinephrine).

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

**Suitable extinguishing media:** Carbon dioxide, dry chemical, foam or water fog

**Unsuitable extinguishing media:** Water jets

### 5.2. Special hazards arising from the substance or mixture

**Hazardous combustion products:** Carbon Monoxide, Carbon Dioxide and other toxic fumes.

**Other hazards:** Pressurized containers, when heated, are a potential explosive hazard.

### 5.3. Advice for firefighters

Cool exposed containers with water. Recommend Firefighters wear self-contained breathing apparatus.

**Australian HAZCHEM Emergency Action Code:** 2 Y

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. Provide adequate ventilation. Utilize exposure controls and personal protection as specified in Section 8.

### 6.2. Environmental Precautions

Keep out of sewers, streams and waterways.

### 6.3. Methods and material for containment and cleaning up

Contain spill to a small area. Keep away from sources of ignition - No smoking. If removal of ignition sources is not possible, then flush material away with water. Pick up with absorbent material (sand, sawdust, clay, etc.) and place in a suitable container for disposal.

### 6.4. Reference to other sections

Refer to section 13 for disposal advice.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Shake well before using. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No Smoking. Vapors are heavier than air and will collect in low areas. Vapor accumulations could flash and/or explode if ignited. Avoid skin contact. Utilize exposure controls and personal protection as specified in Section 8.

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

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C (120°F). Do not pierce or burn, even after use.

**7.3. Specific end use(s)**

No special precautions.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters****Occupational exposure limit values**

Ingredients	OSHA PEL <sup>1</sup>		ACGIH TLV <sup>2</sup>		UK WEL <sup>3</sup>		AUSTRALIA ES <sup>4</sup>	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Toluene	200	N/A	20	N/A	50	191	50	191
	Ceiling: 300				STEL: 100	STEL: 384	STEL: 150	STEL: 574
	Peak: 500 (10 min.)							
Butanone	200	N/A	200	590	200	600	150	445
			300	885	300	899	300	890
Acetone	1,000	2,400	250	N/A	500	1,210	500	1,185
			STEL: 500		STEL: 1,500	STEL: 3,620	STEL: 1,000	STEL: 2,375
Isobutane	N/A	N/A	STEL: 1000	N/A	N/A	N/A	N/A	N/A
2-Methoxy-1-methylethyl acetate	N/A	N/A	N/A	N/A	50 (skin)	274	50 (skin)	274
					STEL: 100	STEL: 548	STEL: 100	STEL: 548
Propane	1,000	1,800	*	N/A	N/A	N/A	*	N/A

\* Simple asphyxiant.

<sup>1</sup> United States Occupational Health & Safety Administration permissible exposure limits<sup>2</sup> American Conference of Governmental Industrial Hygienists threshold limit values<sup>3</sup> EH40 Workplace exposure limits, Health & Safety Executive<sup>4</sup> Safe Work Australia, Workplace Exposure Standards for Airborne Contaminants**Biological limit values**

Toluene:

Control parameter	Biological specimen	Sampling Time	Limit value	Basis	Notes
Toluene	Blood	Prior to last shift of workweek	0.02 mg/l	ACGIH	–
Toluene	Urine	End of shift	0.03 mg/l	ACGIH	–
o-Cresol*	Urine	End of shift	0.3 mg/g creatinine	ACGIH	Background

\* With hydrolysis

Butanone:

Control parameter	Biological specimen	Sampling Time	Limit value	Basis	Notes
Butanone	Urine	End of shift	2 mg/l	ACGIH	Nonspecific
Butanone	Urine	End of shift	0.07 mmol/l	UK HSE	–

Acetone:

Control parameter	Biological specimen	Sampling Time	Limit value	Basis	Notes
Acetone	Urine	End of shift	25 mg/l	ACGIH	Nonspecific

**Derived No Effect Level (DNEL) according to Regulation (EC) No 1907/2006:****Workers**

Substance	Route of exposure	Potential health effects	DNEL
Toluene	Inhalation	Acute effects, systemic	384 mg/m <sup>3</sup>
		Chronic effects, systemic	192 mg/m <sup>3</sup>
Butanone	Dermal	Chronic effects, systemic	180 mg/kg bw/day
	Inhalation	Chronic effects, systemic	600 mg/m <sup>3</sup>
Acetone	Dermal	Chronic effects, systemic	1161 mg/kg bw/day
	Inhalation	Chronic effects, systemic	1210 mg/m <sup>3</sup>

**Predicted No Effect Concentration (PNEC) according to Regulation (EC) No 1907/2006:**

Substance	Environmental protection target	PNEC
Toluene	Fresh water	0.68 mg/l
	Sediments	16.39 mg/kg
	Microorganisms in sewage treatment	13.61 mg/l
	Soil (agricultural)	2.89 mg/kg
Butanone	Fresh water	55.8 mg/l
	Sediments	284.7 mg/kg
	Marine water	55.8 mg/l
	Water, intermittent release	55.8 mg/l
	Food chain	1000 mg/kg
	Microorganisms in sewage treatment	709 mg/l
	Soil (agricultural)	22.5 mg/kg

**8.2. Exposure controls****8.2.1. Engineering measures**

Provide sufficient explosion-proof ventilation to keep the vapor concentrations below the exposure limits (10 to 15 air changes per hour).

**8.2.2. Individual protection measures**

**Respiratory protection:** Not normally needed. In case of insufficient ventilation, utilize an approved organic vapor respirator (e.g., EN filter type A).

**Protective gloves:** Chemical resistant gloves (e.g. Viton\*, Polyvinyl Alcohol). \*DuPont's registered trademark.

Toluene:

Contact type	Glove material	Layer thickness	Breakthrough time*
Full	Viton*	0.7 mm	> 480 min.
Splash	Nitrile rubber	0.4 mm	> 10 min.

\*Determined according to EN374 standard.

**Eye and face protection:** Safety goggles.

**Other:** Impervious clothing as necessary to prevent skin contact.

**8.2.3. Environmental exposure controls**

Refer to sections 6 and 12.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties**

<b>Physical state</b>	low viscosity liquid	<b>pH</b>	not applicable
<b>Colour</b>	clear	<b>Kinematic viscosity</b>	not determined
<b>Odour</b>	solvent odor	<b>Solubility in water</b>	insoluble
<b>Odour threshold</b>	not determined	<b>Partition coefficient n-octanol/water (log value)</b>	not applicable
<b>Boiling point or range</b>	56°C (133°F)	<b>Vapour pressure @ 20°C</b>	not determined
<b>Melting point/freezing point</b>	not determined	<b>Density and/or relative density</b>	0.75 kg/l
<b>% Volatile (by volume)</b>	95%	<b>Weight per volume</b>	6.25 lbs/gal.
<b>Flammability</b>	extremely flammable (propellant)	<b>Vapour density (air=1)</b>	> 1
<b>Lower/upper flammability or explosion limits</b>	LEL 1.2; UEL 9.9	<b>Rate of evaporation (ether=1)</b>	< 1
<b>Flash point</b>	-4°C (25°F)	<b>% Aromatics by weight</b>	not determined
<b>Method</b>	Closed Cup, product only	<b>Particle characteristics</b>	not applicable
<b>Autoignition temperature</b>	not determined	<b>Explosive properties</b>	not determined
<b>Decomposition temperature</b>	no data available	<b>Oxidising properties</b>	not determined

**9.2. Other information**

None

**SECTION 10: STABILITY AND REACTIVITY****10.1. Reactivity**

Refer to sections 10.3 and 10.5.

**10.2. Chemical stability**

Stable

**10.3. Possibility of hazardous reactions**

No dangerous reactions known under conditions of normal use.

**10.4. Conditions to avoid**

Open flames and red hot surfaces.

**10.5. Incompatible materials**

Some strong acids/bases and strong oxidizers like liquid Chlorine and concentrated Oxygen.

**10.6. Hazardous decomposition products**

Carbon Monoxide, Carbon Dioxide and other toxic fumes.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 / GHS**

**Primary route of exposure under normal use:** Inhalation, skin and eye contact. Personnel with pre-existing skin disorders are generally aggravated by exposure.

**Acute toxicity -****Oral:**

Based on available data on components, the classification criteria are not met.

Substance	Test	Result
Toluene	LD50, rat	5,580 mg/kg
Butanone	LD50, rat	> 2600 mg/kg
Acetone	LD50, rat	5,800 mg/kg
2-Methoxy-1-methylethyl acetate	LD50, rat	8,532 mg/kg

**Dermal:**

Based on available data on components, the classification criteria are not met.

Substance	Test	Result
Toluene	LD50, rabbit	12,124 mg/kg
Butanone	LD50, rabbit	> 8,000 mg/kg
Acetone	LD50, rabbit	> 7,426 mg/kg
2-Methoxy-1-methylethyl acetate	LD50, rabbit	> 5,000 mg/kg

**Inhalation:**

Based on available data on components, the classification criteria are not met. Excessive inhalation of vapors will cause dizziness, headache, nausea, eye and respiratory tract irritation, irregular heartbeats (arrhythmia) and in extreme cases, loss of consciousness.

Substance	Test	Result
Isobutane	LC50, mouse, 1 h	52 mg/l
Propane	LC50, rat, 4 h	658 mg/l
Toluene	LC50, rat, 4 hours	28.1 mg/l (vapour)
Butanone	LC50, rat, 8 hours	23.5 mg/l
Acetone	LC50, rat, 4 hours	> 20 mg/l
2-Methoxy-1-methylethyl acetate	LC50, rat, 6 hours	23.8 mg/l

**Skin corrosion/irritation:**

Causes skin irritation.

Substance	Test	Result
Toluene	Skin irritation, rabbit	Moderate irritation
Butanone	Skin irritation, rabbit	Slightly irritating
Acetone	Skin irritation, rabbit	Moderate irritation

**Serious eye damage/irritation:**

Causes serious eye irritation.

Substance	Test	Result
Toluene	Eye irritation, rabbit	Mild irritation
Butanone	Eye irritation, rabbit	Irritating
Acetone	Eye irritation, rat, rabbit	Irritating

**Respiratory or skin sensitisation:**

Not expected to cause skin sensitization.

**Germ cell mutagenicity:**

Toluene, Butanone, Acetone: based on available data, the classification criteria are not met.

**Carcinogenicity:**

This product contains no carcinogens as listed by the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC), the Occupational Safety and Health Administration (OSHA) or the European Chemicals Agency (ECHA).

**Reproductive toxicity:**

Animal studies have reported adverse fetal developmental effects with excessive exposure to toluene.

**STOT – single exposure:**

May cause drowsiness or dizziness.

**STOT – repeated exposure:**

Animal studies have reported hearing loss with excessive exposure to toluene. Repeated excessive exposure to 2-Methoxy-1-Methylethyl Acetate may cause respiratory irritation, liver and kidney effects, and prolonged contact with large amounts can cause drowsiness. This is unlikely as 2-Methoxy-1-Methylethyl Acetate is present in a 1-5% concentration.

**Aspiration hazard:**

Not classified as an aspiration toxicant due to the aerosol spray pattern.

**11.2. Information on other hazards**

None

**SECTION 12: ECOLOGICAL INFORMATION**

Ecotoxicological data have not been determined specifically for this product. The information given below is based on a knowledge of the components and the ecotoxicology of similar substances.

**12.1. Toxicity**

Toluene: NOEC, Daphnia magna, 21 days = 1 mg/l; NOEC, Ceriodaphnia dubia, 7 days = 0.74 mg/l; NOEC, Oncorhynchus kisutch, 40 days = 1.4 mg/l; 96 h LC50, Oncorhynchus kisutch = 4.02 mg/l, toxic to aquatic organisms on an acute basis.

**12.2. Persistence and degradability**

Butanone, 2-Methoxy-1-methylethyl acetate, Acetone, Toluene: readily biodegradable. Hazardous ingredients: will degrade in air. Toluene: ready biodegradability (water), 20 days = 86%.

**12.3. Bioaccumulative potential**

Hazardous ingredients: low potential for bioaccumulation. Toluene: Octanol/water partition coefficient (log Kow) = 2.73; BCF = 8.3.

**12.4. Mobility in soil**

Liquid. Insoluble in water. In determining environmental mobility, consider the product's physical and chemical properties (see Section 9). Butanone, 2-Methoxy-1-methylethyl acetate, Acetone: expected to have very high mobility in soils. Toluene: expected to have moderate mobility in soil.



**12.5. Results of PBT and vPvB assessment**

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

**12.6. Endocrine disrupting properties**

None known

**12.7. Other adverse effects**

None known

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1. Waste treatment methods**

Incinerate absorbed material with a properly licensed facility. Full or partially full containers may be incinerated or the contents may be recovered by an appropriate facility. Check local, state and national/federal regulations and comply with the most stringent requirement. This product is classified as a hazardous waste according to 2008/98/EC.

**SECTION 14: TRANSPORT INFORMATION****14.1. UN number or ID number**

**ADG/ADR/RID/ADN/IMDG/ICAO:** UN1950

**TDG:** UN1950

**US DOT:** UN1950

**14.2. UN proper shipping name**

**ICAO:** AEROSOLS, FLAMMABLE

**ADG/IMDG:** AEROSOLS

**ADR/RID/ADN:** AEROSOLS, *FLAMMABLE*

**TDG:** AEROSOLS, *FLAMMABLE*

**US DOT:** AEROSOLS, *FLAMMABLE*

**14.3. Transport hazard class(es)**

**ADG/ADR/RID/ADN/IMDG/ICAO:** 2.1

**TDG:** 2.1

**US DOT:** 2.1

**14.4. Packing group**

**ADG/ADR/RID/ADN/IMDG/ICAO:** NOT APPLICABLE

**TDG:** NOT APPLICABLE

**US DOT:** NOT APPLICABLE

**14.5. Environmental hazards**

NO ENVIRONMENTAL HAZARDS

**14.6. Special precautions for user**

NO SPECIAL PRECAUTIONS FOR USER

**14.7. Maritime transport in bulk according to IMO instruments**

NOT APPLICABLE

**14.8. Other information**

**US DOT:** SHIPPED AS LIMITED QUANTITY IN PACKAGING HAVING A RATED CAPACITY GROSS WEIGHT OF 66 LB. OR LESS (49 CFR 173.306(A),(3),(I)).

ERG NO. 126

**IMDG:** EMS. F-D, S-U, SHIPPED AS LIMITED QUANTITY

**ADR:** CLASSIFICATION CODE 5F, TUNNEL RESTRICTION CODE (E), SHIPPED AS LIMITED QUANTITY

**ADG HAZCHEM CODE:** N/A **HIN:** (1)

**SECTION 15: REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****15.1.1. EU regulations**

**Authorisations under Title VII:** Not applicable

**Restrictions under Title VIII:** None

**Other EU regulations:** Directive 75/324/EEC on the approximation of the laws of the Member States relating to aerosol dispensers  
 Directive 94/33/EC on the protection of young people at work.  
 Directive 92/85/EEC on the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding  
 Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances (hazard category P3a, Flammable Aerosols; qualifying quantities: 150 t (net), 500 t (net))

**15.1.2. National regulations****US EPA SARA TITLE III****312 Hazards:****Chemicals subject to reporting requirements of Section 313 of EPCRA and of 40 CFR 372:**

Flammable aerosol	Toluene	108-88-3	25-30%
Gases under pressure	Methyl ethyl ketone	78-93-3	15-25%
Skin irritation			
Eye irritation			
Specific target organ toxicity – single exposure			
Reproductive toxicity			
Specific target organ toxicity – repeated exposure			

TSCA: All chemical components are listed in the TSCA inventory.

**Other national regulations:** National implementation of the EC Directive referred to in section 15.1.1.

**15.2. Chemical safety assessment**

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

**SECTION 16: OTHER INFORMATION**

**Abbreviations and acronyms:** ADG: Australian Dangerous Goods Code  
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
 ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road  
 ATE: Acute Toxicity Estimate  
 BCF: Bioconcentration Factor  
 cATpE: Converted Acute Toxicity point Estimate  
 CLP: Classification Labelling Packaging Regulation (1272/2008/EC)  
 ES: Exposure Standard  
 GHS: Globally Harmonized System  
 ICAO: International Civil Aviation Organization  
 IMDG: International Maritime Dangerous Goods  
 LC50: Lethal Concentration to 50 % of a test population  
 LD50: Lethal Dose to 50% of a test population  
 LOEL: Lowest Observed Effect Level  
 N/A: Not Applicable  
 NA: Not Available  
 NOEC: No Observed Effect Concentration  
 NOEL: No Observed Effect Level  
 OECD: Organization for Economic Co-operation and Development  
 PBT: Persistent, Bioaccumulative and Toxic substance  
 (Q)SAR: Quantitative Structure-Activity Relationship  
 REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (1907/2006/EC)  
 REL: Recommended Exposure Limit  
 RID: Regulations concerning the International Carriage of Dangerous Goods by Rail  
 SCL: Specific Concentration Limit  
 SDS: Safety Data Sheet  
 STEL: Short Term Exposure Limit  
 STOT RE: Specific Target Organ Toxicity, Repeated Exposure  
 STOT SE: Specific Target Organ Toxicity, Single Exposure  
 TDG: Transportation of Dangerous Goods (Canada)  
 TWA: Time Weighted Average  
 US DOT: United States Department of Transportation  
 vPvB: very Persistent and very Bioaccumulative substance  
 WEL: Workplace Exposure Limit  
 WHMIS: Workplace Hazardous Materials Information System  
 Other abbreviations and acronyms can be looked up at [www.wikipedia.org](http://www.wikipedia.org).

**Key literature references and sources for data:** Commission des normes, de l'équité, de la santé et de la sécurité du travail (CNESST)  
 Chemical Classification and Information Database (CCID)  
 European Chemicals Agency (ECHA) - Information on Chemicals  
 Hazardous Chemical Information System (HCIS)  
 National Institute of Technology and Evaluation (NITE)  
 Swedish Chemicals Agency (KEMI)  
 U.S. National Library of Medicine Toxicology Data Network (TOXNET)

**Procedure used to derive the classification for mixtures according to Regulation (EC) No 1272/2008 [CLP] / GHS:**

Classification	Classification procedure
Aerosol 1, H222, H229	On basis of components
Skin Irrit. 2, H315	Calculation method
Eye Irrit. 2, H319	Calculation method
STOT SE 3, H336	Bridging principle "Dilution"
Repr. 2, H361d	Calculation method
STOT RE 2, H373L	Calculation method
Aquatic Chronic 3, H412	Calculation method

**Relevant H-statements:** H220: Extremely flammable gas.  
 H225: Highly flammable liquid and vapour.  
 H226: Flammable liquid and vapour.  
 H280: Contains gas under pressure; may explode if heated.  
 H304: May be fatal if swallowed and enters airways.  
 H315: Causes skin irritation.  
 H319: Causes serious eye irritation.  
 H335: May cause respiratory irritation.  
 H336: May cause drowsiness or dizziness.  
 H361d: Suspected of damaging the unborn child.  
 H373: May cause damage to organs through prolonged or repeated exposure.  
 H412: Harmful to aquatic life with long lasting effects.

**Hazard pictogram names:** Flame, gas cylinder (GHS < 4) exclamation mark, health hazard

**Further information:** None

**Date of last revision:** 15 February 2024

**Changes to the SDS in this revision:** Sections 1.1, 1.2, 1.3, 2.1, 2.2.1, 3, 4.2, 5.2, 5.3, 8.1, 9.1, 11.1, 12.1, 12.5, 15.1.2, 16.

This information is based solely on data provided by suppliers of the materials used, not on the mixture itself. No warranty is expressed or implied regarding the suitability of the product for the user's particular purpose. The user must make their own determination as to suitability.