

J-B Weld's Herculiner Truck Bed Liner Aerosol HPP Lunds

Version No: 6.10

Safety Data Sheet according to WHS Regulations (Hazardous Chemicals) Amendment 2020 and ADG requirements

Issue Date: **10/02/2023** Print Date: **03/21/2024** S.GHS.AUS.EN

SECTION 1 Identification of the substance / mixture and of the company / undertaking

Product Identifier		
	Product name	J-B Weld's Herculiner Truck Bed Liner Aerosol
	Chemical Name	Not Applicable

Synonyms HALB15 (JBW Herculiner Aerosol)

Other means of identification Not Available

Relevant identified uses of the substance or mixture and uses advised against

Details of the manufacturer or supplier of the safety data sheet

Registered company name	HPP Lunds	
Address	1/195 Jackson Rd Sunnybank Hills, Qld 4109 Australia	
Telephone	1300-306-781	
Fax	07 3722 1112	
Website	www.hpplunds.com.au & www.jbweld.com.au	
Email	Email Sales@hpplunds.com.au	

Emergency telephone number

Association / Organisation	InfoTrac
Emergency telephone numbers	Transportation Emergencies (24 hour): 1300-366-961
Other emergency telephone numbers	Queensland Poisons Helpline (24 hour): 13 11 26

SECTION 2 Hazards identification

Classification of the substance or mixture

Poisons Schedule Not Applicable	
Classification ^[1]	Aerosols Category 1, Skin Corrosion/Irritation Category 2, Serious Eye Damage/Eye Irritation Category 2A, Specific Target Organ Toxicity - Single Exposure (Narcotic Effects) Category 3, Carcinogenicity Category 1B, Reproductive Toxicity Category 2
Legend:	1. Classified by Chemwatch; 2. Classification drawn from HCIS; 3. Classification drawn from Regulation (EU) No 1272/2008 - Annex VI

Label elements

Hazard pictogram(s)







Signal word Danger

Hazard statement(s)

H222+H229	Extremely flammable aerosol. Pressurized container: may burst if heated.	
H315 Causes skin irritation.		
H319	H319 Causes serious eye irritation.	
H336	May cause drowsiness or dizziness.	
H350	H350 May cause cancer.	
H361f Suspected of damaging fertility.		

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AUH044 Risk of explosion if heated under confinement.

Precautionary statement(s) Prevention

P201	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.	
P271	Use only a well-ventilated area.	
P280	Wear protective gloves, protective clothing, eye protection and face protection.	
P261	Avoid breathing gas.	
P264	Wash all exposed external body areas thoroughly after handling.	

Precautionary statement(s) Response

P308+P313	P308+P313 IF exposed or concerned: Get medical advice/ attention.	
P305+P351+P338	1+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	
P312 Call a POISON CENTER/doctor/physician/first aider/if you feel unwell.		
P337+P313 If eye irritation persists: Get medical advice/attention.		
P302+P352	IF ON SKIN: Wash with plenty of water and soap.	
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.	
P332+P313 If skin irritation occurs: Get medical advice/attention.		
P362+P364 Take off contaminated clothing and wash it before reuse.		

Precautionary statement(s) Storage

P405	5 Store locked up.	
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.		
P403+P233 Store in a well-ventilated place. Keep container tightly closed.		

Precautionary statement(s) Disposal

P501 Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation.

SECTION 3 Composition / information on ingredients

Substances

See section below for composition of Mixtures

Mixtures

CAS No	%[weight]	Name
74-98-6	10-20	propane
67-64-1	5-15	acetone
8052-41-3.	5-15	Stoddard Solvent
106-97-8.	1-10	butane
110-19-0	1-10	isobutyl acetate
110-54-3	1-10	n-hexane
108-65-6	1-5	propylene glycol monomethyl ether - mixture of isomers
1330-20-7	1-5	xylene
14807-96-6	1-5	talc
9006-04-6	1-5	natural rubber
1333-86-4	1-5	carbon black
Legend:	Classified by Chemwatch Classification drawn from Co	; 2. Classification drawn from HClS; 3. Classification drawn from Regulation (EU) No 1272/2008 - Annex VI; 4. &L * EU IOELVs available

SECTION 4 First aid measures

Description of first aid measures

If aerosols come in contact with the eyes:

Eye Contact

- Immediately hold the eyelids apart and flush the eye continuously for at least 15 minutes with fresh running water.
- Figure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
- ► Transport to hospital or doctor without delay.
- ▶ Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Skin Contact

If solids or aerosol mists are deposited upon the skin:

- Flush skin and hair with running water (and soap if available). Remove any adhering solids with industrial skin cleansing cream.
- ► DO NOT use solvents

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	Seek medical attention in the event of irritation.
Inhalation	If aerosols, fumes or combustion products are inhaled: Remove to fresh air. Lay patient down. Keep warm and rested. Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures. If breathing is shallow or has stopped, ensure clear airway and apply resuscitation, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary. Transport to hospital, or doctor.
Ingestion	Not considered a normal route of entry. If spontaneous vomiting appears imminent or occurs, hold patient's head down, lower than their hips to help avoid possible aspiration of vomitus.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 Firefighting measures

Extinguishing media

- Alcohol stable foam.
- ► Dry chemical powder.
- ▶ BCF (where regulations permit).

SMALL FIRE:

▶ Water spray, dry chemical or CO2

LARGE FIRE:

Water spray or fog.

Special hazards arising from the substrate or mixture

Fire Incompatibility	▶ Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result	
Advice for firefighters		
Fire Fighting	FOR FIRES INVOLVING MANY GAS CYLINDERS: To stop the flow of gas, specifically trained personnel may inert the atmosphere to reduce oxygen levels thus allowing the capping of leaking container(s). Reduce the rate of flow and inject an inert gas, if possible, before completely stopping the flow to prevent flashback. DO NOT extinguish the fire until the supply is shut off otherwise an explosive re-ignition may occur. Alert Fire Brigade and tell them location and nature of hazard. May be violently or explosively reactive. Wear breathing apparatus plus protective gloves. GENERAL Alert Fire Brigade and tell them location and nature of hazard. May be violently or explosively reactive.	

- Wear breathing apparatus plus protective gloves.
- Liquid and vapour are highly flammable.
- Vapour forms an explosive mixture with air.

Fire/Explosion Hazard

Severe fire hazard when exposed to heat or flame.

Combustion products include: carbon monoxide (CO) Combustible. Will burn if ignited.

carbon dioxide (CO2)

other pyrolysis products typical of burning organic material.

Contains low boiling substance: Closed containers may rupture due to pressure buildup under fire conditions.

HAZCHEM

Not Applicable

SECTION 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

See section 8

Environmental precautions

See section 12

Methods and material for containment and cleaning up		
Minor Spills	 Clean up all spills immediately. Avoid breathing vapours and contact with skin and eyes. Wear protective clothing, impervious gloves and safety glasses. 	
Major Spills	 Clear area of personnel and move upwind. Alert Fire Department and tell them location and nature of hazard. Clear area of all unprotected personnel and move upwind. Alert Emergency Authority and advise them of the location and nature of hazard. May be violently or explosively reactive. 	

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- ▶ Remove leaking cylinders to a safe place
- Fit vent pipes. Release pressure under safe, controlled conditions
- ▶ Burn issuing gas at vent pipes.
- ▶ DO NOT exert excessive pressure on valve; DO NOTattempt to operate damaged valve.
- Clear area of personnel and move upwind.
- Alert Fire Brigade and tell them location and nature of hazard.
- May be violently or explosively reactive.

Personal Protective Equipment advice is contained in Section 8 of the SDS.

SECTION 7 Handling and storage

Precautions for safe handling

Safe handling

- Avoid all personal contact, including inhalation.
- Wear protective clothing when risk of exposure occurs.
- Use in a well-ventilated area.

Other information

- ▶ Keep dry to avoid corrosion of cans. Corrosion may result in container perforation and internal pressure may eject contents of can
- ▶ Store in original containers in approved flammable liquid storage area
- DO NOT store in pits, depressions, basements or areas where vapours may be trapped.
- No smoking, naked lights, heat or ignition sources.

Conditions for safe storage, including any incompatibilities

Suitable container

- Aerosol dispenser.
- ► Check that containers are clearly labelled.

Xylenes:

- ▶ may ignite or explode in contact with strong oxidisers, 1,3-dichloro-5,5-dimethylhydantoin, uranium fluoride
- ► attack some plastics, rubber and coatings
- may generate electrostatic charges on flow or agitation due to low conductivity.
- ▶ Vigorous reactions, sometimes amounting to explosions, can result from the contact between aromatic rings and strong oxidising agents.
- Aromatics can react exothermically with bases and with diazo compounds.

For alkyl aromatics

The alkyl side chain of aromatic rings can undergo oxidation by several mechanisms. The most common and dominant one is the attack by oxidation at benzylic carbon as the intermediate formed is stabilised by resonance structure of the ring.

Storage incompatibility

- Following reaction with oxygen and under the influence of sunlight, a hydroperoxide at the alpha-position to the aromatic ring, is the primary oxidation product formed (provided a hydrogen atom is initially available at this position) this product is often short-lived but may be stable dependent on the nature of the aromatic substitution; a secondary C-H bond is more easily attacked than a primary C-H bond whilst a tertiary C-H bond is even more susceptible to attack by oxygen
- Monoalkylbenzenes may subsequently form monocarboxylic acids; alkyl naphthalenes mainly produce the corresponding naphthalene carboxylic acids.
- Esters react with acids to liberate heat along with alcohols and acids.
- ▶ Strong oxidising acids may cause a vigorous reaction with esters that is sufficiently exothermic to ignite the reaction products.
- $\mbox{\Large \rlap{\ \ }}$ Heat is also generated by the interaction of esters with caustic solutions.

Propane:

- reacts violently with strong oxidisers, barium peroxide, chlorine dioxide, dichlorine oxide, fluorine etc.
- Dissolves some plastics, rubbers, and coatings
- may accumulate static charges which may ignite its vapours
- Compressed gases may contain a large amount of kinetic energy over and above that potentially available from the energy of reaction produced by the gas in chemical reaction with other substances

SECTION 8 Exposure controls / personal protection

Control parameters

Occupational Exposure Limits (OEL)

INGREDIENT DATA

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
Australia Exposure Standards	acetone	Acetone	500 ppm / 1185 mg/m3	2375 mg/m3 / 1000 ppm	Not Available	Not Available
Australia Exposure Standards	Stoddard Solvent	White spirits	790 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	butane	Butane	800 ppm / 1900 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	isobutyl acetate	Isobutyl acetate	150 ppm / 713 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	n-hexane	Hexane (n-Hexane)	20 ppm / 72 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	propylene glycol monomethyl ether - mixture of isomers	1-Methoxy-2-propanol acetate	50 ppm / 274 mg/m3	548 mg/m3 / 100 ppm	Not Available	Not Available
Australia Exposure Standards	propylene glycol monomethyl ether - mixture of isomers	Propylene glycol monomethyl ether	100 ppm / 369 mg/m3	553 mg/m3 / 150 ppm	Not Available	Not Available
Australia Exposure Standards	xylene	Xylene (o-, m-, p- isomers)	80 ppm / 350 mg/m3	655 mg/m3 / 150 ppm	Not Available	Not Available
Australia Exposure Standards	talc	Talc, (containing no asbestos fibres)	2.5 mg/m3	Not Available	Not Available	Not Available

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Carbon black

Source	Ingredient	Material name	TWA	STEL	Peak	Notes

3 mg/m3

Not

Available

Not Available

Not

Available

Emergency Limits

Australia Exposure Standards

carbon black

Ingredient	TEEL-1	TEEL-2	TEEL-3
propane	Not Available	Not Available	Not Available
acetone	Not Available	Not Available	Not Available
Stoddard Solvent	300 mg/m3	1,800 mg/m3	29500** mg/m3
butane	Not Available	Not Available	Not Available
isobutyl acetate	450 ppm	1300* ppm	7500** ppm
n-hexane	260 ppm	Not Available	Not Available
propylene glycol monomethyl ether - mixture of isomers	100 ppm	160 ppm	660 ppm
propylene glycol monomethyl ether - mixture of isomers	Not Available	Not Available	Not Available
xylene	Not Available	Not Available	Not Available
carbon black	9 mg/m3	99 mg/m3	590 mg/m3

Ingredient	Original IDLH	Revised IDLH
propane	2,100 ppm	Not Available
acetone	2,500 ppm	Not Available
Stoddard Solvent	20,000 mg/m3	Not Available
butane	Not Available	1,600 ppm
isobutyl acetate	1,300 ppm	Not Available
n-hexane	1,100 ppm	Not Available
propylene glycol monomethyl ether - mixture of isomers	Not Available	Not Available
xylene	900 ppm	Not Available
talc	1,000 mg/m3	Not Available
natural rubber	Not Available	Not Available
carbon black	1,750 mg/m3	Not Available

Occupational Exposure Banding

Ingredient	Occupational Exposure Band Rating	Occupational Exposure Band Limit
natural rubber	D	> 0.01 to ≤ 0.1 mg/m³
Notes:	Occupational exposure banding is a process of assigning chemicals into sadverse health outcomes associated with exposure. The output of this processing of exposure concentrations that are expected to protect worker hea	ocess is an occupational exposure band (OEB), which corresponds to a

Exposure controls

Appropriate engineering controls

Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection. The basic types of engineering controls are:

Process controls which involve changing the way a job activity or process is done to reduce the risk.

Individual protection measures, such as personal protective equipment









Eye and face protection

- ► Safety glasses with side shields.
- ► Chemical goggles. [AS/NZS 1337.1, EN166 or national equivalent]
- Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants.
- Close fitting gas tight goggles

Skin protection

See Hand protection below

For esters

- ▶ Do NOT use natural rubber, butyl rubber, EPDM or polystyrene-containing materials.
- ▶ No special equipment needed when handling small quantities.

Hands/feet protection

- OTHERWISE:
- ► For potentially moderate exposures:
- ▶ Wear general protective gloves, eg. light weight rubber gloves.
- ► For potentially heavy exposures:
- ► Wear chemical protective gloves, eg. PVC.

Body protection

See Other protection below

Other protection

• Employees working with confirmed human carcinogens should be provided with, and be required to wear, clean, full body protective clothing (smocks, coveralls, or long-sleeved shirt and pants), shoe covers and gloves prior to entering the regulated area. [AS/NZS ISO 6529:2006 or national equivalent]

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- Employees engaged in handling operations involving carcinogens should be provided with, and required to wear and use half-face filter-type respirators with filters for dusts, mists and fumes, or air purifying canisters or cartridges. A respirator affording higher levels of protection may be substituted.
- Prior to each exit from an area containing confirmed human carcinogens, employees should be required to remove and leave protective clothing and equipment at the point of exit and at the last exit of the day, to place used clothing and equipment in impervious containers at the point of exit for purposes of decontamination or disposal. The contents of such impervious containers must be identified with suitable labels. For maintenance and decontamination activities, authorized employees entering the area should be provided with and required to wear clean, impervious garments, including gloves, boots and continuous-air supplied hood.
- The clothing worn by process operators insulated from earth may develop static charges far higher (up to 100 times) than the minimum ignition energies for various flammable gas-air mixtures. This holds true for a wide range of clothing materials including cotton.
- Avoid dangerous levels of charge by ensuring a low resistivity of the surface material worn outermost.

No special equipment needed when handling small quantities.

OTHERWISE:

- Overalls.
- ► Skin cleansing cream.

Respiratory protection

Type AX Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

Aerosols, in common with most vapours/ mists, should never be used in confined spaces without adequate ventilation. Aerosols, containing agents designed to enhance or mask smell, have triggered allergic reactions in predisposed individuals.

SECTION 9 Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Aerosol		
Physical state	Compressed Gas	Relative density (Water = 1)	0.7-0.9
Odor	Not Available	Partition coefficient n-octanol / water	Not Available
Odour threshold	Not Available	Auto-ignition temperature (°C)	Not Available
pH (as supplied)	Not Available	Decomposition temperature (°C)	Not Available
Melting point / freezing point (°C)	Not Available	Viscosity (cSt)	Not Available
Initial boiling point and boiling range (°C)	-44	Molecular weight (g/mol)	Not Available
Flash point (°C)	-19		
Evaporation rate	Not Available	Explosive properties	Not Available
Flammability	HIGHLY FLAMMABLE.	Oxidising properties	Not Available
Upper Explosive Limit (%)	10.9	Surface Tension (dyn/cm or mN/m)	Not Available
Lower Explosive Limit (%)	1	Volatile Component (%vol)	Not Available
Vapour pressure (kPa)	Not Available	Gas group	Not Available
Solubility in water	Immiscible	pH as a solution (1%)	Not Available
Vapour density (Air = 1)	Not Available	VOC g/L	Not Available

SECTION 10 Stability and reactivity

Reactivity	See section 7
Chemical stability	 Elevated temperatures. Presence of open flame. Product is considered stable.
Possibility of hazardous reactions	See section 7
Conditions to avoid	See section 7
Incompatible materials	See section 7
Hazardous decomposition products	See section 5

SECTION 11 Toxicological information

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		a) ^[1]			
	Eye: adverse effect observed (irritating				
Oral (Rat) LD50: 5800 mg/kg ^[2]	Eye (rabbit): 3.95 mg - SEVERE				
Inhalation(Mouse) LC50; 44 mg/L4h ^[2]	Eye (rabbit): 20mg/24hr -moderate				
Dermal (rabbit) LD50: 20000 mg/kg ^[2]	Eye (human): 500 ppm - irritant				
TOXICITY	IRRITATION				
minutation (rady 2000: 00 17 20:010 ppin min		THE THE MANAGEMENT OF THE PARTY			
TOXICITY Inhalation (Pat) C50: 364736 819 ppm/h 2		IRRITATION Not Available			
	'				
Not Available	Not Available				
TOXICITY	IRRITATION				
Long-term exposure to respiratory irritants may resul There is ample evidence that this material can be reginformation. Toxic: danger of serious damage to health by prolong This material can cause serious damage if one is exproduce severe defects. Ample evidence exists from experimentation that red Substance accumulation, in the human body, may or Main route of exposure to the gas in the workplace is Chronic inhalation or skin exposure to n-hexane may Women exposed to xylene in the first 3 months of preserved.	it in airways disease, involving difficulty breathing argarded as being able to cause cancer in humans be ged exposure through inhalation, in contact with ski bosed to it for long periods. It can be assumed that uced human fertility is directly caused by exposure cour and may cause some concern following repeat is by inhalation. It cause damage to nerve ends in extremities, e.g. fiegnancy showed a slightly increased risk of miscarri	nd related whole-body problems. ased on experiments and other n and if swallowed. it contains a substance which can to the material. ed or long-term occupational exposure. nger, toes with loss of sensation.			
The material may accentuate any pre-existing dermatitis condition Skin contact is not thought to have harmful health effects (as classified under EC Directives); the material may still produce health damage following entry through wounds, lesions or abrasions. Spray mist may produce discomfort Open cuts, abraded or irritated skin should not be exposed to this material Entry into the blood-stream, through, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects. Examine the skin prior to the use of the material and ensure that any external damage is suitably protected.					
OCCUIT.	contact in come paragra				
Considered an unlikely route of entry in commercial/i Chronic inhalation or skin exposure to n-hexane may	ndustrial environments cause damage to nerve ends in extremities, e.g. fi	=			
Material is highly volatile and may quickly form a con replace air in breathing zone, acting as a simple aspl Headache, fatigue, tiredness, irritability and digestive	centrated atmosphere in confined or unventilated a nyxiant. This may happen with little warning of over disturbances (nausea, loss of appetite and bloatin	exposure. g) are the most common symptoms of			
The vapour is discomforting WARNING:Intentional misuse by concentrating/inhaling contents may be lethal. Inhalation of high concentrations of gas/vapour causes lung irritation with coughing and nausea, central nervous depression with headache and dizziness. slowing of reflexes, fatique and inco-ordination.					
occur.	r and insensibility. Headache, drowsiness, dizzines	s, coma and benavioural changes may			
	The vapour is discomforting WARNING:Intentional misuse by concentrating/inhal Inhalation of high concentrations of gas/vapour cause dizziness, slowing of reflexes, fatigue and inco-ordina Material is highly volatile and may quickly form a con replace air in breathing zone, acting as a simple aspl Headache, fatigue, tiredness, irritability and digestive xylene overexposure. Injury to the heart, liver, kidney Xylene is a central nervous system depressant Not normally a hazard due to physical form of produc Considered an unlikely route of entry in commercial/i Chronic inhalation or skin exposure to n-hexane may The main effects of simple esters are irritation, stupo occur. This material can cause inflammation of the skin on of The material may accentuate any pre-existing derma Skin contact is not thought to have harmful health eff following entry through wounds, lesions or abrasions Spray mist may produce discomfort Open cuts, abraded or irritated skin should not be ex Entry into the blood-stream, through, for example, cu prior to the use of the material and ensure that any e This material can cause eye irritation and damage in Not considered to be a risk because of the extreme v Studies show that inhaling this substance for over a I Long-term exposure to respiratory irritants may resul There is ample evidence that this material can be reg information. Toxic: danger of serious damage to health by prolong This material can cause serious damage if one is exp produce severe defects. Ample evidence exists from experimentation that red Substance accumulation, in the human body, may oc Main route of exposure to the gas in the workplace is Chronic inhalation or skin exposure to n-hexane may Women exposed to xylene in the first 3 months of pre workers chronically exposed to xylene has demonstr	The vapour is discomforting WARNING:Intentional misuse by concentrating/inhaling contents may be lethal. Inhalation of high concentrations of gas/vapour causes lung irritation with coughing and nausea, central dizziness, slowing of reflexes, fatigue and inco-ordination. Material is highly volatile and may quickly form a concentrated atmosphere in confined or unventilated a replace air in breathing zone, acting as a simple asphyxiant. This may happen with little warning of over headache, fatigue, tiredness, irritability and digestive disturbances (nausea, loss of appetite and bloatin xylene overexposure. Injury to the heart, liver, kidneys and nervous system has also been noted among Xylene is a central nervous system depressant Not normally a hazard due to physical form of product. Considered an unlikely route of entry in commercial/industrial environments Chronic inhalation or skin exposure to n-hexane may cause damage to nerve ends in extremities, e.g., fifthe main effects of simple esters are irritation, stupor and insensibility. Headache, drowsiness, dizzines occur. This material can cause inflammation of the skin on contact in some persons. The material may accentuate any pre-existing dermatitis condition Skin contact is not thought to have harmful health effects (as classified under EC Directives); the material following entry through wounds, lesions or abrasions. Spray mist may produce discomfort. This material can cause eye irritation and damage in some persons. Not one sidered to be a risk because of the extreme volatility of the gas. Studies show that inhaling this substance for over a long period (e.g. in an occupational setting) may incorpeter with the produce severe defects. There is ample evidence that this material can be regarded as being able to cause cancer in humans information. Toxic danger of serious damage to health by prolonged exposure through inhalation, in contact with ski This material can cause serious damage if one is exposed to it for long periods. It can be assumed tha			

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	TOXICITY		IRRITATION			
	Dermal (rabbit) LD50: >5000 mg/kg ^[1]		Skin(rabbit): 500	Skin(rabbit): 500 mg open mild moderate		
isobutyl acetate	Inhalation (Rat) LC50: >23.4 mg/l4h ^[1]					
	Oral (Rabbit) LD50; 4763 mg/kg ^[2]					
	TOXICITY			IRRITATION		
	Dermal (rabbit) LD50: >2000 mg/kg ^[1]			Eye(rabbit): 10 mg - mild		
n-hexane	Inhalation (Rat) LC50: 48000 ppm4h ^[2]					
	Oral (Rat) LD50: 28710 mg/kg ^[2]					
	TOXICITY	IRRITA	TION			
	dermal (rat) LD50: >2000 mg/kg ^[1] Eye (rabb		bbit) 230 mg mild			
propylene glycol monomethyl	Oral (Rat) LD50: 3739 mg/kg ^[2] Eye (rabbit) 500 mg/24		bbit) 500 mg/24 h.	n mild		
ether - mixture of isomers	Eye: no adverse effec		adverse effect ob	observed (not irritating) ^[1]		
	Skin (rabbit) 50		abbit) 500 mg open	t) 500 mg open - mild		
		Skin: no adverse effect observed (not irritating) ^[1]				
	TOXICITY IRRIT		IRRITATION			
	Dermal (rabbit) LD50: >1700 mg/kg ^[2]		Eye (human): 200	ppm irritant		
	Inhalation (Rat) LC50: 5000 ppm4h ^[2]		Eye (rabbit): 5 mg	g/24h SEVERE		
xylene	Oral (Mouse) LD50; 2119 mg/kg ^[2]		Eye (rabbit): 87 m	ng mild		
	Eye:		Eye: adverse effe	ct observed (irritating) ^[1]		
	Skin		Skin (rabbit):500	mg/24h moderate		
			Skin: adverse effe	ect observed (irritating) ^[1]		
	TOXICITY	IRRIT	TATION			
talc	dermal (rat) LD50: >2000 mg/kg ^[1]	Eye:	no adverse effect observed (not irritating)[1]			
	Inhalation (Rat) LC50: >2.1 mg/l4h ^[1]	Skin	n (human): 0.3 mg/3d-l mild			
	Oral (Rat) LD50: >5000 mg/kg ^[1]	Skin:	no adverse effect	observed (not irritating) ^[1]		
natural rubber	TOXICITY		IRRITATION			
	Not Available		Not Available			
	TOXICITY	IRRI	ITATION			
carbon black	Dermal (rabbit) LD50: >2000 mg/kg ^[1]	Eye:	no adverse effect	observed (not irritating) ^[1]		
	Oral (Rat) LD50: >2000 mg/kg ^[1]	Skin	: no adverse effect	observed (not irritating) ^[1]		
Legend:	Value obtained from Europe ECHA Registered	Substances - Acute	e toxicity 2 Value o	htained from manufacturer's SDS - Unless otherwi		

J-B Weld's Herculiner Truck Bed Liner Aerosol Occupational exposures in the rubber-manufacturing industry are carcinogenic to humans (Group 1).IARC Working Groups
There is sufficient evidence in humans for the carcinogenicity of occupational exposures in the rubber-manufacturing industry. Occupational exposures in the rubber-manufacturing industry cause leukaemia, lymphoma, and cancers of the urinary bladder, lung, and stomach.
Also, a positive association has been observed between occupational exposures in the rubber-manufacturing industry and cancers of the prostate, oesophagus, and larynx.IARC Working Group.

The multiple genetic and cytogenetic effects observed among workers employed in the rubber-manufacturing industry provide strong evidence to support genotoxicity as one mechanism for the observed increase in cancer risks. However, due to the complexity and changing nature of the exposure mixture and the potential interactions between exposures in the rubber-manufacturing industry, other mechanisms are also likely to play a role

Generally,linear and branched-chain alkyl esters are hydrolysed to their component alcohols and carboxylic acids in the intestinal tract, blood and most tissues throughout the body. Following hydrolysis the component alcohols and carboxylic acids are metabolized Oral acute toxicity studies have been reported for 51 of the 67 esters of aliphatic acyclic primary alcohols and aliphatic linear saturated carboxylic acids. The very low oral acute toxicity of this group of esters is demonstrated by oral LD50 values greater than 1850 mg/kg bw Genotoxicity studies have been performed in vitro using the following esters of aliphatic acyclic primary alcohols and aliphatic linear saturated carboxylic acids: methyl acetate, butyl acetate, butyl stearate and the structurally related isoamyl formate and demonstrates that these substances are not genotoxic.

The JEFCA Committee concluded that the substances in this group would not present safety concerns at the current levels of intake the esters of aliphatic acyclic primary alcohols and aliphatic linear saturated carboxylic acids are generally used as flavouring substances up to average maximum levels of 200 mg/kg.

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ACETONE	For acetone: The acute toxicity of acetone is low. Acetone is not a stesting shows acetone may cause anaemia.	ikin irritant or sensitizer, but it remove	s fat from the skin, and it also irritates the eye. Animal			
STODDARD SOLVENT	Petroleum contains aromatic (benzene, toluene, ethyl detrimental health effects, including, cancer, tumour for Animal testing shows breathing in petroleum causes to Similarly, exposure to gasoline over a lifetime can cause Most studies involving gasoline have shown that gasol (such as in petrol service station attendants). Animal studies show concentrations of toluene (>0.1% the nervous system of the foetus. Other studies show Prolonged contact with petroleum may result in skin in materials.	rmation, hearing loss, and nervous sy umours of the liver and kidney; these se kidney cancer in animals, but the r line does not cause genetic mutation, o) can cause developmental effects su no adverse effects on the foetus.	stem toxicity. are however not considered to be relevant in humans. elevance in humans is questionable. including all recent studies in living human subjects ich as lower birth weight and developmental toxicity to			
ISOBUTYL ACETATE	Inhalation (rat): 8000ppm/4h Skin(rabbit): 500 mg/24h The material may produce moderate eye irritation lead conjunctivitis.		onged exposure to irritants may produce			
PROPYLENE GLYCOL MONOMETHYL ETHER - MIXTURE OF ISOMERS	NOTE: Exposure of pregnant rats and rabbits to the st effects were seen in rats but not in rabbits at this conc					
XYLENE	Reproductive effector in rats The material may produce severe irritation to the eye of produce conjunctivitis.	causing pronounced inflammation. Re	peated or prolonged exposure to irritants may			
TALC	The overuse of talc in nursing infants has resulted in redeath within hours of inhalation. Long-term exposure can also cause a variety of respire.	, , ,	lungs and lung inflammation which may lead to			
NATURAL RUBBER	The following information refers to contact allergens as Contact allergies quickly manifest themselves as conteczema involves a cell-mediated (T lymphocytes) imm Allergic reactions involving the respiratory tract are us potential of the allergen and period of exposure often others, and exposure to other irritants may aggravate: Attention should be paid to atopic diathesis, characteri Exogenous allergic alveolitis is induced essentially by lymphocytes) may be involved. Such allergy is of the content of the conte	act eczema, more rarely as urticaria o nune reaction of the delayed type. ually due to interactions between IgE determine the severity of symptoms. S symptoms. ised by increased susceptibility to nas allergen specific immune-complexes	r Quincke's oedema. The pathogenesis of contact antibodies and allergens and occur rapidly. Allergic Some people may be genetically more prone than al inflammation, asthma and eczema. of the IgG type; cell-mediated reactions (T			
CARBON BLACK	Inhalation (rat) TCLo: 50 mg/m3/6h/90D-I Nil reported WARNING: This substance has been classified by the IARC as Group 2B: Possibly Carcinogenic to Humans.					
J-B Weld's Herculiner Truck Bed Liner Aerosol & PROPYLENE GLYCOL MONOMETHYL ETHER - MIXTURE OF ISOMERS & TALC	Asthma-like symptoms may continue for months or evi known as reactive airways dysfunction syndrome (RAI criteria for diagnosing RADS include the absence of pi asthma-like symptoms within minutes to hours of a doi	en years after exposure to the materia DS) which can occur after exposure to revious airways disease in a non-atop	al ends. This may be due to a non-allergic condition beigh levels of highly irritating compound. Main			
J-B Weld's Herculiner Truck Bed Liner Aerosol & PROPYLENE GLYCOL MONOMETHYL ETHER - MIXTURE OF ISOMERS	For propylene glycol ethers (PGEs): Typical propylene glycol ethers include propylene glycol ether acetate (DPMA) and tripropylene glycol methyl e Testing of a wide variety of propylene glycol ethers has series. The common toxicities associated with the low reproductive organs, the developing embryo and foetu In the ethylene series, metabolism of the terminal hydr	ether (TPM). s shown that propylene glycol-based er molecular weight homologues of th s, blood or thymus gland, are not see	ethers are less toxic than some ethers of the ethylene e ethylene series, such as adverse effects on the n with the commercial-grade propylene glycol ethers.			
PROPANE & PROPYLENE GLYCOL MONOMETHYL ETHER - MIXTURE OF ISOMERS & TALC & CARBON BLACK	No significant acute toxicological data identified in liter	ature search.				
ACETONE & ISOBUTYL ACETATE & PROPYLENE GLYCOL MONOMETHYL ETHER - MIXTURE OF ISOMERS & XYLENE	The material may cause skin irritation after prolonged vesicles, scaling and thickening of the skin.	or repeated exposure and may produ	ce on contact skin redness, swelling, the production of			
N-HEXANE & PROPYLENE GLYCOL MONOMETHYL ETHER - MIXTURE OF ISOMERS	The material may be irritating to the eye, with prolonge conjunctivitis.	ed contact causing inflammation. Rep	eated or prolonged exposure to irritants may produce			
XYLENE & TALC	The substance is classified by IARC as Group 3: NOT classifiable as to its carcinogenicity to humans. Evidence of carcinogenicity may be inadequate or limi	ted in animal testing.				
Acute Toxicity	×	Carcinogenicity	~			
Skin Irritation/Corrosion	*	Reproductivity	*			
Serious Eye Damage/Irritation	~	STOT - Single Exposure	*			
Respiratory or Skin	×	STOT - Repeated Exposure	×			
sensitisation						
Mutagenicity	×	Aspiration Hazard	×			

Legend:

X − Data either not available or does not fill the criteria for classification
 ✓ − Data available to make classification

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Toxicity

I D Wal II allows I'm Town	Endpoint		Test Duration (hr)		Species	Value		Source	•
J-B Weld's Herculiner Truck Bed Liner Aerosol	Not Available		Not Available		Not Available		vailable		/ailable
	rtetritaliasio		Trott / trainable		Trot / trailed to	110171	· anabio	110171	- Canada
	Endpoint		Test Duration (hr)		Species	Value		Source	·e
propane	Not Available		Not Available		Not Available		vailable		/ailable
	TTOTTTUMBER		, recritainable		Troc / trainable	110171	· anabio	110171	- anabro
	Endpoint	Tes	st Duration (hr)	Spec	cies		Value		Source
	EC50	481	8h Crustacea		stacea		6098.4mg	/L	5
	EC50	961	96h Algae or		e or other aquatic plants		9.873-27.6	684mg/l	4
acetone	NOEC(ECx)	121	h	Fish			0.001mg/l	_	4
	EC50	721	h	Alga	e or other aquatic plants		5600-1000	00mg/l	4
	LC50	961	h	Fish			3744.6-50	00.7mg/L	4
	Endpoint	1	Test Duration (hr)		Species			Value	Source
	NOEC(ECx)	3	3072h		Fish			1mg/l	1
Stoddard Solvent	LC50	(96h		Fish			2.2mg/l	4
	EC50		96h		Algae or other aquatic plants	5		0.277mg/l	2
	NOEC(ECx)		720h		Fish			0.02mg/l	2
	LC50	(96h		Fish			0.14mg/l	2
	Endpoint	T	est Duration (hr)		Species			Value	Source
	EC50		6h		Algae or other aquatic plants			7.71mg/l	2
butane	EC50(ECx)				Algae or other aquatic plants			7.71mg/l 7.71mg/l	2
	LC50	96h 96h			Fish			24.11mg/l	2
	2000	30	on .		1 1311			24.11mg/1	
	Endpoint	Tes	t Duration (hr)	S	Species		1	Value	Source
isobutyl acetate	EC50	48h	48h (Crustacea			24.6mg/l	2
	EC50	72h	ı	А	Algae or other aquatic plants		:	246mg/l	2
	EC0(ECx)	48h	1	С	Crustacea			>15.5mg/l	2
	LC50	96h	ı	F	ish			16.6mg/l	2
	Endpoint	Te	est Duration (hr)		Species		V	'alue	Source
n-hexane									
II-liexalie	EC50(ECx)	4h			Algae or other aquatic plants			.1202mg/l	4
п-пехапе	EC50(ECx) LC50	4h			Algae or other aquatic plants Fish			.1202mg/l 13mg/l	4
II-lleadile	LC50	96	Sh		Fish		1	13mg/l	4
II-liexalie	LC50	96	Fest Duration (hr)		Fish		1	13mg/l Value	4 Source
	LC50 Endpoint EC50	96	Fest Duration (hr)		Species Algae or other aquatic plants		1	13mg/l Value >1000mg/l	Source 2
	Endpoint EC50 EC50	96	Fest Duration (hr) 96h		Species Algae or other aquatic plants Crustacea		1	13mg/l Value >1000mg/l 373mg/l	Source 2
ropylene glycol monomethyl	Endpoint EC50 EC50 EC50	96	Fest Duration (hr) 16h 18h	F	Species Algae or other aquatic plants Crustacea Algae or other aquatic plants		1	13mg/l Value >1000mg/l 373mg/l >1000mg/l	Source 2 2 2 2
propylene glycol monomethyl	Endpoint EC50 EC50	96	Fest Duration (hr) 96h	F	Species Algae or other aquatic plants Crustacea		1	13mg/l Value >1000mg/l 373mg/l	Source 2
ropylene glycol monomethyl	Endpoint EC50 EC50 EC50 NOEC(ECx)	96	Fest Duration (hr) 96h 18h 72h	F	Species Algae or other aquatic plants Crustacea Algae or other aquatic plants Fish		1	13mg/l Value >1000mg/l 373mg/l >1000mg/l 47.5mg/l	Source 2 2 2 2 2 2
propylene glycol monomethyl	Endpoint EC50 EC50 EC50 NOEC(ECx)	966	Fest Duration (hr) 96h 18h 72h	F	Species Algae or other aquatic plants Crustacea Algae or other aquatic plants Fish		1	13mg/l Value >1000mg/l 373mg/l >1000mg/l 47.5mg/l	Source 2 2 2 2 2 2
ropylene glycol monomethyl	Endpoint EC50 EC50 EC50 NOEC(ECx) LC50	96	Fest Duration (hr) 96h 18h 72h 336h	F	Species Algae or other aquatic plants Crustacea Algae or other aquatic plants Fish Fish		1	13mg/l Value >1000mg/l 373mg/l >1000mg/l 47.5mg/l 100mg/l	Source 2 2 2 2 1
ropylene glycol monomethyl	Endpoint EC50 EC50 EC50 NOEC(ECx) LC50 Endpoint	96	Fest Duration (hr) 96h 18h 72h 336h 96h	F	Species Algae or other aquatic plants Crustacea Algae or other aquatic plants Fish Fish Species		1	13mg/l Value >1000mg/l 373mg/l >1000mg/l 47.5mg/l 100mg/l Value	Source 2 2 2 1
ropylene glycol monomethyl ether - mixture of isomers	Endpoint EC50 EC50 EC50 NOEC(ECx) LC50 Endpoint EC50	96	Fest Duration (hr) Pest Duration (hr) Pest Duration (hr) Pest Duration (hr) Pest Duration (hr)	F	Species Algae or other aquatic plants Crustacea Algae or other aquatic plants Fish Fish Species Crustacea	s	1	13mg/l Value >1000mg/l 373mg/l >1000mg/l 47.5mg/l 1000mg/l Value 1.8mg/l	Source 2 2 2 1 1 Source 2
ropylene glycol monomethyl ether - mixture of isomers	Endpoint EC50 EC50 EC50 NOEC(ECx) LC50 Endpoint EC50 EC50	96	Fest Duration (hr) P6h P8h P8h P8h P8h P8h P8h P8h P8h P8h P8	F	Species Algae or other aquatic plants Crustacea Algae or other aquatic plants Fish Fish Species Crustacea Algae or other aquatic plants	s	1	13mg/l Value >1000mg/l 373mg/l >1000mg/l 47.5mg/l 100mg/l Value 1.8mg/l 4.6mg/l	Source 2 2 2 1 1 Source 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
propylene glycol monomethyl ether - mixture of isomers	Endpoint EC50 EC50 EC50 NOEC(ECx) LC50 Endpoint EC50 EC50 NOEC(ECx) LC50	96	Fest Duration (hr) P6h 18h 72h 336h 96h Test Duration (hr) 48h 72h 73h	F	Species Algae or other aquatic plants Crustacea Algae or other aquatic plants Fish Fish Species Crustacea Algae or other aquatic plant Algae or other aquatic plant	s		13mg/l Value >1000mg/l 373mg/l >1000mg/l 47.5mg/l 100mg/l Value 1.8mg/l 4.6mg/l 0.44mg/l 2.6mg/l	Source 2 2 1 1 Source 2 2 2 2 2 2 2 2 2 2 2 2 2 2
propylene glycol monomethyl ether - mixture of isomers	Endpoint EC50 EC50 EC50 NOEC(ECx) LC50 EC50 NOEC(ECx) LC50 EC50 EC50 NOEC(ECx) EC50 EC50 EC50 EC50 EC50 EC50	960 960 960 960 960 960 960 960 960 960	Fest Duration (hr) Deh Balan B	Sp	Species Algae or other aquatic plants Crustacea Algae or other aquatic plants Fish Fish Species Crustacea Algae or other aquatic plant Algae or other aquatic plant Fish Fish	s	Value	Value >1000mg/l 373mg/l >1000mg/l 373mg/l >1000mg/l 47.5mg/l 100mg/l Value 1.8mg/l 4.6mg/l 0.44mg/l 2.6mg/l	Source 2 2 2 1
propylene glycol monomethyl ether - mixture of isomers	Endpoint EC50 EC50 EC50 NOEC(ECx) LC50 Endpoint EC50 EC50 NOEC(ECx) EC50 EC50 NOEC(ECx) EC50 NOEC(ECx)	960 960 960 960 960 960 960 960 960 960	Fest Duration (hr) Pest Duration (hr) Pest Ball Ball Ball Ball Ball Ball Ball Bal	Sr Ale	Species Algae or other aquatic plants Crustacea Algae or other aquatic plants Fish Fish Species Crustacea Algae or other aquatic plant Algae or other aquatic plant Fish Fish	s	Value 7202	13mg/l Value >1000mg/l 373mg/l >1000mg/l 47.5mg/l 100mg/l Value 1.8mg/l 4.6mg/l 0.44mg/l 2.6mg/l	Source 2 2 2 2 2 2 2 2 2
oropylene glycol monomethyl ether - mixture of isomers xylene	Endpoint EC50 EC50 EC50 NOEC(ECx) LC50 EC50 NOEC(ECx) LC50 EC50 EC50 NOEC(ECx) EC50 EC50 EC50 EC50 EC50 EC50	960 960 960 972	Fest Duration (hr) Deh Balan B	Sp Ali	Species Algae or other aquatic plants Crustacea Algae or other aquatic plants Fish Fish Species Crustacea Algae or other aquatic plant Algae or other aquatic plant Fish Fish	s	Value 7202 918.0	Value >1000mg/l 373mg/l >1000mg/l 373mg/l >1000mg/l 47.5mg/l 100mg/l Value 1.8mg/l 4.6mg/l 0.44mg/l 2.6mg/l	Source 2 2 2 1

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natural rubber	Endpoint Test Duration (h		Duration (hr) Species		Value		Source	
naturai rubber	Not Available	Not Available		Not Available Not Av		vailable Not Availab		ole
	Endpoint	Test Duration (hr)	Species	Species		Value		Source
	EC50	48h	Crustacea		33.076-41.968mg/l		4	
carbon black	EC50	72h	Algae or other aquatic plants		>0.2mg/l		2	
	NOEC(ECx)	24h	Crustace	a		3200mg/l		1
	LC50	96h	Fish			>100mg/l		2
Legend:	Ecotox database -	IUCLID Toxicity Data 2. Europ Aquatic Toxicity Data 5. ECE Data 8. Vendor Data						

Do NOT allow product to come in contact with surface waters or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash-waters.

Wastes resulting from use of the product must be disposed of on site or at approved waste sites.

Toxic to aquatic organisms.

DO NOT discharge into sewer or waterways.

Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
propane	LOW	LOW
acetone	LOW (Half-life = 14 days)	MEDIUM (Half-life = 116.25 days)
butane	LOW	LOW
isobutyl acetate	LOW	LOW
n-hexane	LOW	LOW
propylene glycol monomethyl ether - mixture of isomers	LOW (Half-life = 56 days)	LOW (Half-life = 1.7 days)
xylene	HIGH (Half-life = 360 days)	LOW (Half-life = 1.83 days)

Bioaccumulative potential

Ingredient	Bioaccumulation
propane	LOW (LogKOW = 2.36)
acetone	LOW (BCF = 0.69)
Stoddard Solvent	LOW (BCF = 159)
butane	LOW (LogKOW = 2.89)
isobutyl acetate	LOW (LogKOW = 1.78)
n-hexane	MEDIUM (LogKOW = 3.9)
propylene glycol monomethyl ether - mixture of isomers	LOW (BCF = 2)
xylene	MEDIUM (BCF = 740)

Mobility in soil

Ingredient	Mobility
propane	LOW (Log KOC = 23.74)
acetone	HIGH (Log KOC = 1.981)
butane	LOW (Log KOC = 43.79)
isobutyl acetate	LOW (Log KOC = 17.48)
n-hexane	LOW (Log KOC = 149)
propylene glycol monomethyl ether - mixture of isomers	HIGH (Log KOC = 1)

SECTION 13 Disposal considerations

Waste treatment methods

Product / Packaging disposal

- ▶ DO NOT allow wash water from cleaning or process equipment to enter drains.
- It may be necessary to collect all wash water for treatment before disposal.
- In all cases disposal to sewer may be subject to local laws and regulations and these should be considered first.
- ▶ Consult State Land Waste Management Authority for disposal.
- Discharge contents of damaged aerosol cans at an approved site.
- Allow small quantities to evaporate.

SECTION 14 Transport information

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Labels Required



Notes:	Per 49CFR 173.306 This item, as supplied by J-B Weld, is eligible to ship as a Limited Quantity by ground and railroad.
HAZCHEM	Not Applicable

Land transport (ADG)

14.1. UN number or ID number	1950		
14.2. UN proper shipping name	Aerosols, flammable, (each not exceeding 1 L capacity)		
14.3. Transport hazard class(es)	Class Subsidiary Hazard	2.1 Not Applicable	
14.4. Packing group	Not Applicable		
14.5. Environmental hazard	Not Applicable		
14.6. Special precautions for user	Special provisions Limited quantity	63 190 277 327 344 381 1000ml	

Air transport (ICAO-IATA / DGR)

	/		
14.1. UN number	1950		
14.2. UN proper shipping name	Aerosols, flammable, (each not exceeding 1 L capacity)		
	ICAO/IATA Class	2.1	
14.3. Transport hazard class(es)	ICAO / IATA Subsidiary Hazard	Not Applicable	
0.000(00)	ERG Code	10L	
14.4. Packing group	Not Applicable		
14.5. Environmental hazard	Not Applicable		
	Special provisions		A1 A145 A167 A802
	Cargo Only Packing Instructions		203
	Cargo Only Maximum Qty / Pack		150 kg
14.6. Special precautions for user	Passenger and Cargo Packing Instructions		Forbidden
	Passenger and Cargo Maximum Qty / Pack		Forbidden
	Passenger and Cargo Limited Qu	antity Packing Instructions	Forbidden
	Passenger and Cargo Limited Ma	ximum Qty / Pack	Forbidden

Sea transport (IMDG-Code / GGVSee)

	not exceeding 1 L capacity)	
IMDG Class	2.1	
IMDG Subsidiary Hazard	Not Applicable	
Not Applicable		
Not Applicable		
EMS Number F-D	D, S-U	
Special provisions 63 1	63 190 277 327 344 381 959	
Limited Quantities 100	00 ml	
No	ot Applicable ot Applicable EMS Number F-I Special provisions 63	

14.7.1. Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable

14.7.2. Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code

Product name	Group
propane	Not Available
acetone	Not Available

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Product name	Group
Stoddard Solvent	Not Available
butane	Not Available
isobutyl acetate	Not Available
n-hexane	Not Available
propylene glycol monomethyl ether - mixture of isomers	Not Available
xylene	Not Available
talc	Not Available
natural rubber	Not Available
carbon black	Not Available

14.7.3. Transport in bulk in accordance with the IGC Code

Product name	Ship Type
propane	Not Available
acetone	Not Available
Stoddard Solvent	Not Available
butane	Not Available
isobutyl acetate	Not Available
n-hexane	Not Available
propylene glycol monomethyl ether - mixture of isomers	Not Available
xylene	Not Available
talc	Not Available
natural rubber	Not Available
carbon black	Not Available

SECTION 15 Regulatory information

Safety, health and environmental regulations / legislation specific for the substance or mixture

propane is found on the following regulatory lists

Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals

Australian Inventory of Industrial Chemicals (AIIC)

acetone is found on the following regulatory lists

Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals

Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 5

Australian Inventory of Industrial Chemicals (AIIC)

Stoddard Solvent is found on the following regulatory lists

Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals

Australian Inventory of Industrial Chemicals (AIIC)

Chemical Footprint Project - Chemicals of High Concern List

International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Not Classified as Carcinogenic

butane is found on the following regulatory lists

Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals

Australian Inventory of Industrial Chemicals (AIIC)

Chemical Footprint Project - Chemicals of High Concern List

isobutyl acetate is found on the following regulatory lists

Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals

Australian Inventory of Industrial Chemicals (AIIC)

n-hexane is found on the following regulatory lists

Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals

Australian Inventory of Industrial Chemicals (AIIC)

Chemical Footprint Project - Chemicals of High Concern List

propylene glycol monomethyl ether - mixture of isomers is found on the following regulatory lists

Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals

Australian Inventory of Industrial Chemicals (AIIC)

Chemical Footprint Project - Chemicals of High Concern List

xylene is found on the following regulatory lists

Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals

Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 5

Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 6

Australian Inventory of Industrial Chemicals (AIIC)

International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Not Classified as Carcinogenic

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talc is found on the following regulatory lists

Australian Inventory of Industrial Chemicals (AIIC)

Chemical Footprint Project - Chemicals of High Concern List

International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Group 2B: Possibly carcinogenic to humans

International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Not Classified as Carcinogenic

International WHO List of Proposed Occupational Exposure Limit (OEL) Values for Manufactured Nanomaterials (MNMS)

natural rubber is found on the following regulatory lists

Australian Inventory of Industrial Chemicals (AIIC)

International WHO List of Proposed Occupational Exposure Limit (OEL) Values for Manufactured Nanomaterials (MNMS)

carbon black is found on the following regulatory lists

Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals

Australian Inventory of Industrial Chemicals (AIIC)

Chemical Footprint Project - Chemicals of High Concern List

International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Group 2B: Possibly carcinogenic to humans

International WHO List of Proposed Occupational Exposure Limit (OEL) Values for Manufactured Nanomaterials (MNMS)

Additional Regulatory Information

Not Applicable

National Inventory Status

National Inventory	Status
Australia - AIIC / Australia Non-Industrial Use	Yes
Canada - DSL	Yes
China - IECSC	Yes
Europe - EINEC / ELINCS / NLP	Yes
Korea - KECI	Yes
New Zealand - NZIoC	Yes
Philippines - PICCS	Yes
USA - TSCA	Yes
Taiwan - TCSI	Yes
Vietnam - NCI	Yes
Russia - FBEPH	Yes
Legend:	Yes = All CAS declared ingredients are on the inventory No = One or more of the CAS listed ingredients are not on the inventory. These ingredients may be exempt or will require registration.

SECTION 16 Other information

Revision Date	10/02/2023
Initial Date	04/29/2021

SDS Version Summary

Version	Date of Update	Sections Updated
5.10	10/01/2023	Hazards identification - Classification

Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios.

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