

Outdoor Synthetic Grass Adhesive

RLA Polymers Pty Ltd

Chemwatch: **5262-20** Version No: **3.1.1.1**

Safety Data Sheet according to WHS and ADG requirements

Chemwatch Hazard Alert Code: 3

Issue Date: **27/07/2017**Print Date: **04/09/2017**S.GHS.AUS.EN

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

Product Identifier

Product name	Outdoor Synthetic Grass Adhesive	
Synonyms	RL6000 Synthetic Grass Adhesive	
Proper shipping name	ADHESIVES containing flammable liquid	
Other means of identification	Not Available	

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

Relevant identified uses

The use of a quantity of material in an unventilated or confined space may result in increased exposure and an irritating atmosphere developing. Before starting consider control of exposure by mechanical ventilation.

Use according to manufacturer's directions.

Outdoor grass adhesive is an all weather solvent based adhesive specifically formulated for the outdoor installation of non stretch open weave polypropylene backed synthetic grass carpet.

Details of the supplier of the safety data sheet

Registered company name	RLA Polymers Pty Ltd	
Address	215 Colchester Road Kilsyth VIC 3137 Australia	
Telephone	1 3 9728 1644	
Fax	ax +61 3 9728 6009	
Website www.rlagroup.com.au		
Email	mail sales@rlagroup.com.au	

Emergency telephone number

	Association / Organisation	Not Available	
	Emergency telephone numbers	+61 3 9728 1644 (RLA Group Technical Manager) business hours	
Other emergency telephone numbers 132766 (Security Monitoring Service)		132766 (Security Monitoring Service)	

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

HAZARDOUS CHEMICAL. DANGEROUS GOODS. According to the WHS Regulations and the ADG Code.

Poisons Schedule	S5
Classification [1] Flammable Liquid Category 2, Skin Corrosion/Irritation Category 2, Reproductive Toxicity Category 2, Specific target organ toxicity - single exposure Category 3 (narcotic effects), Specific target organ toxicity - repeated exposure Category 2, Aspiration Hazard Category 1, Acute Aquatic Hazard Category 2 Chronic Aquatic Hazard Category 2	
Legend:	1. Classified by Chemwatch; 2. Classification drawn from HSIS; 3. Classification drawn from EC Directive 1272/2008 - Annex VI

Label elements

Hazard pictogram(s)









SIGNAL WORD

DANGER

Hazard statement(s)

H225	Highly flammable liquid and vapour.
H315	Causes skin irritation.

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H361	Suspected of damaging fertility or the unborn child.	
H336	May cause drowsiness or dizziness.	
H373	May cause damage to organs through prolonged or repeated exposure.	
H304	May be fatal if swallowed and enters airways.	
H411	Toxic to aquatic life with long lasting effects.	
Precautionary statement(s) Prevention		
P201	Obtain special instructions before use.	
P210	Keep away from heat/sparks/open flames/hot surfaces No smoking.	
P260	Do not breathe dust/fume/gas/mist/vapours/spray.	
P271	Use only outdoors or in a well-ventilated area.	
·		
Precautionary statement(s) Response		
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.	
P308+P313	IF exposed or concerned: Get medical advice/attention.	

Precautionary statement(s) Storage

P331

P362

P403+P235	Store in a well-ventilated place. Keep cool.	
P405	Store locked up.	

Precautionary statement(s) Disposal

P501 Dispose of contents/container in accordance with local regulations.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Do NOT induce vomiting.

Take off contaminated clothing and wash before reuse.

Substances

See section below for composition of Mixtures

Mixtures

CAS No	%[weight]	Name
64742-89-8.	30-60	mixed hexanes aliphatic hydrocarbon solvent
110-54-3	0-5	<u>n-hexane</u>

SECTION 4 FIRST AID MEASURES

Description of first aid measures

Eye Contact	If this product comes in contact with the eyes: Wash out immediately with fresh running water. Ensure 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. Seek medical attention without delay; if pain persists or recurs seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin Contact	If skin contact occurs: Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.
Inhalation	If furnes or combustion products are inhaled remove from contaminated area. 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. Apply artificial respiration if not breathing, 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	If swallowed do NOT induce vomiting. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. Observe the patient carefully. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious. Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. Seek medical advice. Avoid giving milk or oils. Avoid giving alcohol. 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

Any material aspirated during vomiting may produce lung injury. Therefore emesis should not be induced mechanically or pharmacologically. Mechanical means should be used if it is considered necessary to evacuate the stomach contents; these include gastric lavage after endotracheal intubation. If spontaneous vomiting has occurred after ingestion, the patient should be monitored for difficult breathing, as adverse effects of aspiration into the lungs may be delayed up to 48 hours.

Following acute or short term repeated exposures to n-hexane:

- Large quantities of n-hexane are expired by the lungs after vapour exposure (50-60%). Humans exposed to 100 ppm demonstrate an n-hexane biological half life of 2 hours.
- Initial attention should be directed towards evaluation and support of respiration. Cardiac dysrhythmias are a potential complication.

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INGESTION:

• Ipecac syrup should be considered for ingestion of pure hexane exceeding 2-3ml/kg. Extreme caution must be taken to avoid aspiration since small amounts of n-hexane intratracheally, produce a severe chemical pneumonitis.

> [Ellenhorn and Barceloux: Medical Toxicology] BIOLOGICAL EXPOSURE INDEX - BEL

BEIs represent the levels of determinants which are most likely to be observed in specimens collected in a healthy worker who has been exposed to chemicals to the same extent as a worker with

inhalation exposure to the Exposure Standard (ES or TLV). Determinant

Index Sampling Time Comments 1, 2,5-hexanedione in urine 5 mg/gm creatinine End of shift NS 2. n-Hexane in end-exhaled air SQ

NS: Non-specific determinant; Metabolite observed following exposure to other materials.

SQ: Semi-quantitative determinant; Interpretation may be ambiguous - should be used as a screening test or confirmatory test.

SECTION 5 FIREFIGHTING MEASURES

Extinguishing media

- Dry chemical powder.
- ▶ BCF (where regulations permit).
- Carbon dioxide.

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
ice for firefighters	
	Alert Fire Brigade and tell them location and nature of hazard.
Fire Fighting	May be violently or explosively reactive.
	Wear breathing apparatus plus protective gloves in the event of a fire.
	Prevent, by any means available, spillage from entering drains or water course.
	Liquid and vapour are highly flammable.
	Severe fire hazard when exposed to heat, flame and/or oxidisers.
	Vapour may travel a considerable distance to source of ignition.
	Heating may cause expansion or decomposition leading to violent rupture of containers.
	Combustion products include:
Fire/Explosion Hazard	,
	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.
	May emit clouds of acrid smoke
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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	Remove all ignition sources. Clean up all spills immediately. Avoid breathing vapours and contact with skin and eyes. Control personal contact with the substance, by using protective equipment.
Major Spills	Clear area of personnel and move upwind. Alert Fire Brigade and tell them location and nature of hazard. May be violently or explosively reactive. Wear breathing apparatus plus protective gloves.

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

SECTION 7 HANDLING AND STORAGE

Safe handling

Precautions for safe handling

The conductivity of this material may make it a static accumulator., A liquid is typically considered nonconductive if its conductivity is below 100 pS/m and is considered semi-conductive if its conductivity is below 10 000 pS/m., Whether a liquid is nonconductive or semi-conductive, the precautions are the same., A number of factors, for example liquid temperature, presence of contaminants, and anti-static additives can greatly influence the conductivity of a liquid.

- ▶ Containers, even those that have been emptied, may contain explosive vapours.
- ▶ Do NOT cut, drill, grind, weld or perform similar operations on or near containers
- ▶ DO NOT allow clothing wet with material to stay in contact with skin
- - ▶ Electrostatic discharge may be generated during pumping this may result in fire. ▶ Ensure electrical continuity by bonding and grounding (earthing) all equipment
 - Restrict line velocity during pumping in order to avoid generation of electrostatic discharge (<=1 m/sec until fill pipe submerged to twice its diameter, then <= 7 m/sec)
 - Avoid splash filling.
 - Avoid all personal contact, including inhalation.

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	 Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area. Prevent concentration in hollows and sumps. 	
Other information	 Store in original containers in approved flame-proof area. No smoking, naked lights, heat or ignition sources. DO NOT store in pits, depressions, basements or areas where vapours may be trapped. Keep containers securely sealed. 	

Conditions for safe storage, including any incompatibilities

Packing as supplied by manufacturer.

- Plastic containers may only be used if approved for flammable liquid.
- Check that containers are clearly labelled and free from leaks
- Suitable container
 - For low viscosity materials (i): Drums and jerry cans must be of the non-removable head type. (ii): Where a can is to be used as an inner package, the can must have a screwed enclosure.
 - ▶ For materials with a viscosity of at least 2680 cSt. (23 deg. C)
 - ▶ For manufactured product having a viscosity of at least 250 cSt.

Storage incompatibility ▶ Avoid reaction with oxidising agents

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	n-hexane	Hexane (n-Hexane)	72 mg/m3 / 20 ppm	Not Available	Not Available	Not Available

EMERGENCY LIMITS

Ingredient	Material name	TEEL-1	TEEL-2	TEEL-3
n-hexane	Hexane	260 ppm	Not Available	Not Available
In our diams	Online at IDLU		Paris d IDLU	
Ingredient	Original IDLH		Revised IDLH	

Ingredient	Original IDLH	Revised IDLH
mixed hexanes aliphatic hydrocarbon solvent	Not Available	Not Available
n-hexane	5,000 ppm	1,100 [LEL] ppm

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.

Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment.

Personal protection









Eve and face protection

Safety glasses with side shields

Chemical goggles

Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task.

Skin protection

See Hand protection below

- ▶ Wear chemical protective gloves, e.g. PVC.
- ▶ Wear safety footwear or safety gumboots, e.g. Rubber

Hands/feet protection

The selection of suitable gloves does not only depend on the material, but also on further marks of quality which vary from manufacturer to manufacturer. Where the chemical is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior

to the application

The exact break through time for substances has to be obtained from the manufacturer of the protective gloves and has to be observed when making a final

Personal hygiene is a key element of effective hand care.

Body protection

See Other protection below

- Overalls.
- PVC Apron.
- PVC protective suit may be required if exposure severe. Eyewash unit.

Other protection

- Some plastic personal protective equipment (PPE) (e.g. gloves, aprons, overshoes) are not recommended as they may produce static electricity
- For large scale or continuous use wear tight-weave non-static clothing (no metallic fasteners, cuffs or pockets).
- Non sparking safety or conductive footwear should be considered. Conductive footwear describes a boot or shoe with a sole made from a conductive compound chemically bound to the bottom components, for permanent control to electrically ground the foot an shall dissipate static electricity from the body to reduce the possibility of ignition of volatile compounds.

Thermal hazards

Not Available

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Glove selection is based on a modified presentation of the:

"Forsberg Clothing Performance Index".

The effect(s) of the following substance(s) are taken into account in the $\emph{computer-}$ generated selection:

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GLOVE SELECTION INDEX

Material	СРІ
BUTYL	С
NEOPRENE	С
NEOPRENE/NATURAL	С
NITRILE	С
NITRILE+PVC	С
PE/EVAL/PE	С
PVA	С
PVC	С
SARANEX-23 2-PLY	С
TEFLON	С
VITON	С
VITON/CHLOROBUTYL	С

^{*} CPI - Chemwatch Performance Index

NOTE: As a series of factors will influence the actual performance of the glove, a final selection must be based on detailed observation. -

Cartridge respirators should never be used for emergency ingress or in areas of unknown vapour concentrations or oxygen content. The wearer must be warned to leave the contaminated area immediately on detecting any odours through the respirator. The odour may indicate that the mask is not functioning properly, that the vapour concentration is too high, or that the mask is not properly fitted. Because of these limitations, only restricted use of cartridge respirators is considered appropriate.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Opaque beige highly flammable liquid paste; not miscible with water.		
Physical state	Liquid	Relative density (Water = 1)	1.0
Odour	Not Available	Partition coefficient n-octanol / water	Not Available
Odour threshold	Not Available	Auto-ignition temperature (°C)	>200
pH (as supplied)	Not Applicable	Decomposition temperature	Not Available
Melting point / freezing point (°C)	Not Available	Viscosity (cSt)	Not Available
Initial boiling point and boiling range (°C)	>75	Molecular weight (g/mol)	Not Applicable
Flash point (°C)	<0 (naphtha)	Taste	Not Available
Evaporation rate	Not Available	Explosive properties	Not Available
Flammability	HIGHLY FLAMMABLE.	Oxidising properties	Not Available
Upper Explosive Limit (%)	7 (naphtha)	Surface Tension (dyn/cm or mN/m)	Not Available
Lower Explosive Limit (%)	1 (naphtha)	Volatile Component (%vol)	Not Available
Vapour pressure (kPa)	8.65	Gas group	Not Available
Solubility in water (g/L)	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	Unstable in the presence of incompatible materials. Product is considered stable. Hazardous polymerisation will not occur.
Possibility of hazardous reactions	See section 7
Conditions to avoid	See section 7
Incompatible materials	See section 7
Hazardous decomposition products	See section 5

A: Best Selection

B: Satisfactory; may degrade after 4 hours continuous immersion

C: Poor to Dangerous Choice for other than short term immersion

^{*} Where the glove is to be used on a short term, casual or infrequent basis, factors such as "feel" or convenience (e.g. disposability), may dictate a choice of gloves which might otherwise be unsuitable following long-term or frequent use. A qualified practitioner should be consulted.

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SECTION 11 TOXICOLOGICAL INFORMATION

formation on toxicologica	ll effects			
	There is some evidence to suggest that the material can cause lung damage.	se respiratory irritation in some perso	ns. The body's response to such irritation can cause further	
Inhaled	Material is highly volatile and may quickly form a concentrated breathing zone, acting as a simple asphyxiant. This may happe	•	red areas. The vapour may displace and replace air in	
	Inhalation of high concentrations of gas/vapour causes lung in slowing of reflexes, fatigue and inco-ordination. Inhalation of aerosols (mists, fumes), generated by the ma		•	
Ingestion	Swallowing of the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis; serious consequences may result. (ICSC13733) Accidental ingestion of the material may be damaging to the health of the individual.			
Skin Contact	This material can cause inflammation of the skin on contact in some persons. The material may accentuate any pre-existing dermatitis condition 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.			
Eye	Limited evidence or practical experience suggests, that the m cause inflammation characterised by a temporary redness of	, ,	ubstantial number of individuals. Prolonged eye contact may	
Chronic	Harmful: danger of serious damage to health by prolonger This material can cause serious damage if one is exposed to defects. Ample evidence from experiments exists that there is a substance accumulation, in the human body, may occur a	it for long periods. It can be assume aspicion this material directly reduce	es fertility.	
Outdoor Synthetic Grass	TOXICITY	IRRITATION		
Adhesive	Not Available	Not Available	Not Available	
	TOXICITY	IRRITATION		
mixed hexanes aliphatic hydrocarbon solvent	Dermal (rabbit) LD50: >1900 mg/kg ^[1]	Eye(rabbit): 10	0 mg - mild	
•	Oral (rat) LD50: >4500 mg/kg ^[1]			
	TOXICITY	IRRITATION		
n havana	Dermal (rabbit) LD50: >2000 mg/kg ^[1]	Eye(rabbit): 10	Eye(rabbit): 10 mg - mild	
n-hexane	Inhalation (rat) LC50: 47890.526490288 mg/L/4H ^[2]			
	Oral (rat) LD50: 28710 mg/kg ^[2]			
Legend:	Value obtained from Europe ECHA Registered Substances extracted from RTECS - Register of Toxic Effect of chemical sections.	-	rom manufacturer's SDS. Unless otherwise specified data	
MIVED HEVANICS				
MIXED HEXANES ALIPHATIC HYDROCARBON SOLVENT & N-HEXANE	The material may be irritating to the eye, with prolonged conta	act causing inflammation. Repeated o	or prolonged exposure to irritants may produce conjunctivitis.	
Acute Toxicity	0	Carcinogenicity	0	
Skin Irritation/Corrosion	✓	Reproductivity	✓	
Serious Eye Damage/Irritation	0	STOT - Single Exposure	~	

Aspiration Hazard Legend:

STOT - Repeated Exposure

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

O - Data Not Available to make classification

SECTION 12 ECOLOGICAL INFORMATION

0

Respiratory or Skin

sensitisation

Mutagenicity

Toxicity

Outdoor Synthetic Grass Adhesive	ENDPOINT Not Available	TEST DURATION (HR) Not Available	SPECIES Not Available	VALUE Not Available	SOURCE Not Available
	ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
mixed hexanes aliphatic hydrocarbon solvent	EC50	72	Algae or other aquatic plants	=6.5mg/L	1
nyurocarbon sorvent	NOEC	72	Algae or other aquatic plants	<0.1mg/L	1

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n-hexane

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
LC50	96	Fish	2.5mg/L	4
EC50	48	Crustacea	3877.65mg/L	4

Legend:

Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 3. EPIWIN Suite V3.12 (QSAR) - Aquatic Toxicity Data (Estimated) 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment Data 6. NITE (Japan) - Bioconcentration Data 7. METI (Japan) - Bioconcentration Data 8. Vendor Data

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.

DO NOT discharge into sewer or waterways.

Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
n-hexane	LOW	LOW

Bioaccumulative potential

Ingredient	Bioaccumulation
n-hexane	MEDIUM (LogKOW = 3.9)

Mobility in soil

Ingredient	Mobility
n-hexane	LOW (KOC = 149)

SECTION 13 DISPOSAL CONSIDERATIONS

Waste treatment methods

- ▶ 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.
- Where in doubt contact the responsible authority.
- Product / Packaging
 disposal

 Recycle wherever possible
 Consult manufacturer for recycle
 - ► Consult manufacturer for recycling options or consult local or regional waste management authority for disposal if no suitable treatment or disposal facility can be identified.
 - ▶ Dispose of by: burial in a land-fill specifically licensed to accept chemical and / or pharmaceutical wastes or Incineration in a licensed apparatus (after admixture with suitable combustible material).
 - ▶ Decontaminate empty containers.

SECTION 14 TRANSPORT INFORMATION

Labels Required



Marine Pollutant



HAZCHEM

•3YE

Land transport (ADG)

Land transport (ADD)				
UN number	1133			
UN proper shipping name	ADHESIVES containing flammable liquid			
Transport hazard class(es)	Class 3 Subrisk Not Applicable			
Packing group	П			
Environmental hazard	Environmentally hazardous			
Special precautions for user	Special provisions Not Applicable Limited quantity 5L			

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UN number	1133				
UN proper shipping name	Adhesives containing flammable liquid				
Transport hazard class(es)	ICAO/IATA Class ICAO / IATA Subrisk ERG Code	3 Not Applicable 3L			
Packing group	II.				
Environmental hazard	Environmentally hazardous				
Special precautions for user	Special provisions Cargo Only Packing Instructions Cargo Only Maximum Qty / Pack Passenger and Cargo Packing Instructions Passenger and Cargo Maximum Qty / Pack Passenger and Cargo Limited Quantity Packing Instructions Passenger and Cargo Limited Maximum Qty / Pack		A3 364 60 L 353 5 L Y341 1 L		
Sea transport (IMDG-Code / GGVSee)					
UN number	1133				
UN proper shipping name	ADHESIVES containing flammable liquid				
Transport hazard class(es)	IMDG Class 3 IMDG Subrisk Not Applicable				
Packing group	II				

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

Marine Pollutant EMS Number

Special provisions

Limited Quantities

Not Applicable

Environmental hazard

Special precautions for user

SECTION 15 REGULATORY INFORMATION

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

F-E, S-D

5 L

Not Applicable

MIXED HEXANES ALIPHATIC HYDROCARBON SOLVENT(64742-89-8.) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards		International Agency for Research on Cancer (IARC) - Agents Classified by the IARC	
Australia Hazardous Substances Information System - Consolidated Lists		Monographs	
Australia Inventory of Chemical Substances (AICS)		International Air Transport Association (IATA) Dangerous Goods Regulations - Prohibited List Passenger and Cargo Aircraft	
N-HEXANE(110-54-3) IS FOUR	ND ON THE FOLLOWING REGULATORY LISTS		
Australia Exposure Standards		Australia Inventory of Chemical Substances (AICS)	
Australia Hazardous Substances	Information System - Consolidated Lists		
National Inventory	Status		
Australia - AICS	Y		
Canada - DSL	Y		
Canada - NDSL	N (n-hexane; mixed hexanes aliphatic hydrocarbon solvent)		
China - IECSC	Y		
Europe - EINEC / ELINCS / NLP	Υ		
Japan - ENCS	N (mixed hexanes aliphatic hydrocarbon solvent)		
Korea - KECI	Y		
New Zealand - NZIoC	Y		
Philippines - PICCS	Y		
USA - TSCA	Υ		
Legend:	Y = All ingredients are on the inventory N = Not determined or one or more ingredients are not on to	the inventory and are not exempt from listing(see specific ingredients in brackets)	

SECTION 16 OTHER INFORMATION

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

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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. Scale of use, frequency of use and current or available engineering controls must be considered.

Definitions and abbreviations

PC — TWA: Permissible Concentration-Time Weighted Average PC STEL: Permissible Concentration-Short Term Exposure Limit IARC: International Agency for Research on Cancer

ACGIH: American Conference of Governmental Industrial Hygienists

STEL: Short Term Exposure Limit

TEEL: Temporary Emergency Exposure Limit $_{\circ}$ IDLH: Immediately Dangerous to Life or Health Concentrations

OSF: Odour Safety Factor

NOAEL :No Observed Adverse Effect Level LOAEL: Lowest Observed Adverse Effect Level

TLV: Threshold Limit Value LOD: Limit Of Detection OTV: Odour Threshold Value BCF: BioConcentration Factors BEI: Biological Exposure Index

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