Safety Data Sheet Fire-Pro Gelcoat

Updated March 2023

1. Identification of the Material and Supplier

Product Code and Name: 883-64xxx family of Fire-Pro Gelcoat

UN Number: 1866
DG Class: 3
Shipping Name: Resin Solution, Flammable
Packaging Group: III
Hazchem Code: 3Y
Uses: Spray up
Company: H S Composites Ltd
Address: 63 Hunua Road, Papakura, Auckland 2110
Telephone: +64 (09) 295 2200
Email: sales@hscomposites.co.nz
Website: www.hscomposites.co.nz

2. Hazard Identification

Regulatory Information:

Additives, Process Chemicals and Raw Materials (Flammable, Acutely Toxic, Carcinogenic) Group Standard 2020, October 2020

HSNO Approval Number HSR002495

Dangerous Goods Class 3

Hazardous Classifications

Flammable Liquid	Category 3
Reproductive Toxicity	Category 1
Specific Target Organ Toxicity - Repeated Exposure	Category 1
Specific Target Organ Toxicity – Single Exposure	Category 3
Skin Irritation	Category 2

Serious Eye Damage / Eye Irritation	Category 2
Skin Sensitizer	Category 1A
Hazardous to the Aquatic Environment Chronic	Category 3

Signal Word: **DANGER**

Pictograms:

HEALTH HAZARDS:

H226	Flammable Liquid and Vapour
H302	May damage fertility or the unborn child
H315	Causes Skin Irritation
H319	Causes damage to organs through prolonged or repeated exposure
H332	May cause respiratory irritation
H341	Causes serious eye irritation
H351	May cause an allergic skin reaction
H355	Harmful to aquatic life with long lasting

ENVIRONMENT HAZARDS:

H401	Toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects
H432	Toxic to terrestrial vertebrates

PRECAUTIONARY STATEMENTS: Preventions

P103	Read Label/SDS before use
P210	Keep away from heat/sparks/open flame/hot surfaces. No smoking.
P233	Keep container tightly closed
P240	Ground/bond container and receiving equipment
P241	Use explosion proof equipment
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P260	Do not breathe vapours
P264	Wash hands and exposed skin thoroughly after handling

P270	Do not eat, drink, or smoke when using this product
P271	Use only outdoors or well-ventilated areas
P273	Avoid release into the environment
P280	Wear protective clothing, gloves, and eye protection
P281	Use personal protective equipment as required

RESPONSE:

P101	If medical advice is needed, have product container or label at hand
P301 + P312	If swallowed call POISON CENTRE or DOCTOR if you feel unwell
P330	Rinse out mouth
P302 + P352	If on skin, wash with plenty of soap and water
P332 + P313	If skin irritation occurs, get medical advice
P362	Take off contaminated clothing and wash before reuse
P304 + P340	If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing
P305 + P351	If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so, continue to rinse
P337 + P313	If eye irritation persists, seek medical advice
P308 + P313	If exposed or concerned seek medical advice
P314	Get medical advice if you feel unwell
P370 + P378	In case of fire use water fog, foam, dry chemical, or carbon dioxide (CO_2) to extinguish
P391	Collect any spillage
P301+P330	IF SWALLOWED: Rinse out mouth, do not swallow water, DO NOT induce vomiting.
P370+P378	In case of fire: Use appropriate media for extinction.

STORAGE:

P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P235	Keep cool.
P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P405	Store in a locked area

DISPOSAL:

P501	Dispose of product and packaging in accordance with local and Governmental regulations

3. Composition / Information on Ingredients

Component	Cas No	Proportion
Styrene	100-42-5	20 - 30%
Ammonium polyphosphate	68333-79-9	15 - 20
Alumina trihydrate	21645-51-2	5 - 10
2-Hydroxyethyl methacrylate	868-77-9	3 – 6
Kaolin	1332-58-7	2 - 4
Cobalt bis(2-ethylhexanoate)	136-52-7	< 0.15
Bis(1,2,2,6,6-Pentamethyl-4-piperidinyl) sebacate	4 1556-26-7	< 0.1
Maleic anhydride	108-31-6	< 0.01

4. First Aid

For advice, contact the National Poisons Centre

Phone New Zealand: 0800 764 766 or a doctor.

Inhalation: Remove to fresh air. If exposed or concerned: Get medical advice/attention. Get medical attention immediately if symptoms occur.

Skin Contact: If skin contact occurs, remove contaminated clothing and wash skin with soap and water. If skin irritation occurs, get medical advice. Launder contaminated clothing before re-use.

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Ingestion: Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a doctor.

Most Important Symptoms and Effects, Acute and Delayed Itching. Rashes. Hives. Burning sensation.

Note to Doctor/Physician: Treat symptomatically.

5. Fire Fighting Measures

Suitable Extinguishing Media: Carbon dioxide. dry chemical. Alcohol resistant foam. Water spray.

Unsuitable Extinguishing Media: full water jet

Protective Equipment: Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

Special Hazards: May be ignited by heat, sparks, or flames. In case of fire and/or explosion do not breathe fumes. May cause sensitization by inhalation and skin contact. Thermal decomposition can lead to release of irritating and toxic gases and vapours. Flammable. Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Product is or contains a sensitiser. May cause sensitization by skin contact.

HAZCHEM Code: •3Y

6. Accidental Release Measures

Personal precautions: Evacuate personnel to safe areas. Use personal protective equipment as required. Avoid contact with skin, eyes, or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Pay attention to flashback. Take action to prevent static discharge. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Ventilate the area.

Methods For Containment: Stop leak if safe to do so. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapours. Dyke far ahead of spill to collect run-off water. Keep out of drains, sewers, ditches, and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Methods For Cleaning Up: Take action to prevent static discharge. Dam up. Soak up with inert absorbent material. Take up mechanically, placing in appropriate containers for disposal.

Environmental Precautions: Avoid release to the environment.

References to other sections: See Sections 7, 8 and 13 for additional information.

7. Handling and Storage

Handling

Precautions: Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Ground and bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take action to prevent static discharge. Wear protective gloves/protective clothing/eye protection/face protection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapours/spray. Wash face, hands, and any exposed skin thoroughly after handling. Do not eat, drink, or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment.

Special Handling Statements: Use personal protection equipment. Avoid contact with skin and eyes. Avoid breathing vapor or mist. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Take action to prevent static discharge. Use grounding and bonding connection when transferring this material to prevent static discharge, fire, or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practices. Avoid contact with skin, eyes, or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink, or smoke when using this product. Take off contaminated clothing and wash it before reuse. Remove contaminated clothing and shoes without delay. Avoid excessive heat, contamination, or exposure to direct sunlight to prevent polymerization. Containers must be bonded and grounded when pouring or transferring material.

Storage

Keep container tightly closed and dry in a cool, well-ventilated place. Keep away from heat, sparks, flame, and other sources of ignition (i.e., pilot lights, electric motors, and static electricity). Keep in properly labelled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the national regulations. Store in accordance with local regulations. Store locked up. Keep out of reach of children. Store separately.

Storage Temperature: Store at < 35 °C 95 °F

Reason: Higher storage temperature reduces shelf life and increases risk of hazardous polymerization.

8. Exposure Controls / Personal Protective Equipment

CONTROL PARAMETERS - Limits

Styrene 100-42-5

New Zealand:	20 ppm (TWA)
	85 mg/m3 (TWA)
	40 ppm (STEL) 170 mg/m3 (STEL)
ACGIH (TLV):	20 ppm (STEL)
	10 ppm (TWA)

Alumina trihydrate 21645-51-2

ACGIH (TLV):	1 mg/m3 respirable particulate matter (TWA)

Kaolin 1332-58-7

New Zealand:	10 mg/m3 (TWA)
	2 mg/m3 respirable dust (TWA)
ACGIH (TLV):	2 mg/m3 particulate matter containing no asbestos and

Maleic anhydride 108-31-6

New Zealand:	0.0025 ppm inhalable fraction and vapour (TWA)
	0.01 mg/m3 inhalable fraction and vapour (TWA)
ACGIH (TLV):	0.01 mg/m3 inhalable fraction and vapor (TWA)

Biological Exposure Limit(s)

Styrene 100-42-5

Biological Exposure Indices	400 mg/g creatinine (urine - end of shift)
	40 µg/L (urine - end of shift)

Engineering Measures:

Ensure adequate ventilation, especially in confined areas.

Respiratory Protection:

Where exposures exceed the established exposure limit, use respiratory protection recommended for the material and level of exposure. Where exposures are below the established exposure limit, no respiratory protection is required. Where respiratory protection is required, use a respirator selected and in accordance with AS/NZS 1715 and AS/NZS 1716.

Eye protection:

Tight sealing safety goggles. Face protection shield.

Skin Protection:

Antistatic footwear. Wear fire/flame resistant/retardant clothing. Gloves made of plastic or rubber. Wear suitable protective clothing. Apron.

Hand protection:

Wear protective gloves. Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred. Replace gloves immediately when torn or any change in appearance (dimension, colour, flexibility etc) is noticed.

Additional Advice:

When using do not eat, drink, or smoke. Regular cleaning of equipment, work area and clothing is recommended. Do not eat, drink, or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wash hands before breaks and immediately after handling the product. Wash hands before breaks and after work. Wear suitable gloves and eye/face protection. Avoid contact with skin, eyes, or clothing. Wash contaminated clothing before reuse.

9. Physical / Chemical Properties

Physical Description & colour:	Viscous liquid and White
Odour:	Characteristic styrene
Boiling Point:	145°C (Based on Components)
Flammable Liquid Flash Point:	31°C Tag Closed Cup
Flammable Limits:	LEL (lower explosive limit) 1.1%
	UEL (upper explosive limit) 6.1%
Viscosity (Kinematic)	259 mm^2/s
Viscosity (Dynamic)	> 300 mPa.s
Solubility in Water	Insoluble
Vapour Pressure	6 hPa, 20°C Derived from solvent
Specific Gravity/Density:	1.16 g/cm

Information with regard to physical hazard classes Not applicable

Other safety characteristics Not applicable

10. Stability and Reactivity

Reactivity	No information available
Stability	Stable
Conditions to Avoid:	Heat, flames, and sparks
Polymerization:	May occur
Conditions to Avoid:	None known
Materials to Avoid:	Strong Acids Strong bases Strong oxidizing agents
Hazardous Decomposition Products	Carbon monoxide and carbon dioxide

11. Toxicological Information

Likely Routes of Exposure: Respiratory System, Skin, Eyes

HEALTH HAZARD INFORMATION

Acute toxicity - oral: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.
Acute toxicity - dermal: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.
Acute toxicity - inhalation: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

Skin corrosion / irritation: Causes skin irritation
Serious eye damage / eye irritation: Causes serious eye irritation

Respiratory sensitization: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.
Skin sensitization: May cause an allergic skin reaction

Carcinogenicity: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.
Germ cell mutagenicity: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.
Reproductive toxicity: May damage fertility or the unborn child

Specific target organ toxicity (single exposure): May cause respiratory irritation.
Specific target organ toxicity (repeated exposure): Causes damage to organs through prolonged or repeated exposure.
Route of Exposure: inhalation Affected Organs: Central nervous system, Ears, Respiratory System, Lung, Eyes, Skin

Aspiration hazard: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

PRODUCT TOXICITY INFORMATION

ACUTE TOXICITY DATA

Oral	rat	Acute LD50		> 2000	mg/kg
dermal	rabbit	Acute LD50		> 2000	mg/kg
inhalation	rat	Acute LC50	4 hr	> 20	mg/l (Vapor)

Specific target organ toxicity (single exposure): May cause respiratory irritation.

LOCAL EFFECTS ON SKIN AND EYE

Acute Irritation	Skin	Irritating to skin
Acute Irritation	Eye	Irritating to eyes.

ALLERGIC SENSITIZATION

Sensitization	Skin	Sensitizing
Sensitization	Respiratory	No data

SUBACUTE/SUBCHRONIC TOXICITY

Specific target organ toxicity (repeated exposure): Causes damage to organs through prolonged or repeated exposure.

GENOTOXICITY

Assays for Gene Mutations

Ames Salmonella Assay	No data

Reproductive Toxicity
Contains a known or suspected reproductive toxin

Chronic toxicity
Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure. May cause adverse liver effects. Contains a known or suspected reproductive toxin.

OTHER INFORMATION
The product toxicity information above has been estimated.

HAZARDOUS INGREDIENT TOXICITY DATA

Styrene has acute oral LD50 (rat) and acute dermal LD50 (rat, rabbit) values of >5000 and >2000 mg/kg, respectively. The inhalation LC50 (rat) has been reported as 11.8 mg/L (vapor) following a 4-hour exposure. Acute overexposure to styrene vapor may cause moderate eye and nasal irritation as well as drowsiness, headache, and central nervous system depression. Styrene is a

moderate skin irritant. No allergic reactions were observed in animal studies. In animal studies, styrene induced micronuclei, sister chromatid exchanges and DNA strand breaks. In vitro tests showed styrene to cause sex- linked recessive lethal mutations in Drosophila (fruit flies). Styrene has been shown to cause lung tumours in mice. Epidemiological studies of styrene exposure in humans are not conclusive due to the inadequate control of variables. Causes damage to ears through prolonged or repeated exposure by inhalation. Ingestion of styrene can initiate an aspiration hazard. The International Agency for Research on Cancer (IARC) lists styrene as an IARC 2B carcinogen (possibly carcinogenic to humans). Animal studies have shown some adverse developmental effects.
Poly (metaphosphoric acid), ammonium salt has oral (rat) and dermal (rabbit) LD50 values of 4, 740 mg/kg and > 3000 mg/kg respectively. This material is not irritating to eyes and caused slight dermal irritation. Poly (metaphosphoric acid), ammonium salt was negative in Ames Test.

Alumina trihydrate is considered a nuisance particulate which will not cause adverse health effects other than respiratory congestion or irritation.
Hydroxyethyl methacrylate (CAS # 868-77-9) has acute oral (rat) and dermal (rabbit) LD50 values of > 5000 mg/kg and > 3000 mg/kg, respectively. This material may cause moderate eye and mild skin irritation. Repeated skin contact with hydroxyethyl methacrylate may cause skin sensitization (guinea pig). Cases of sensitisation also observed in humans. No indications of teratogenic effects in experimental animals. The substance was not mutagenic in the Ames test.

Long term overexposure to Kaolin dust may cause lung injury. Overexposure to Kaolin is not likely to cause significant acute toxic effects.

Cobalt 2-ethylhexanoate has an oral (rat) LD50 of 3129 mg/kg of body weight in female rats with an approx. 95% confidence interval of 1750 mg/kg (lower) to 5000 mg/kg (upper). The dermal (rabbit) LD50 is estimated > 2000 mg/kg. Cobalt 2-ethylhexanoate is irritating to eyes. Repeated or prolonged contact with cobalt compounds can cause dermal sensitization or photosensitized dermatitis. Suspected of damaging fertility impairment in males. Skeletal malformations were observed in a prenatal developmental toxicity study. Occupational exposure to cobalt compounds (ingestion or inhalation) can cause systemic toxic effects, including cardiomyopathy and peripheral neuritis.

Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate (CAS# 41556-26-7) has an acute oral (rat) and acute dermal (rat LD50 of 3230 mg/kg and > 3170 mg/kg respectively. Direct contact with this material may cause mild skin and minimal eye irritation. Material may cause skin sensitization. No mutagenicity was seen in the bacteria reverse mutation test. There was some clastogenic effect in the in vitro chromosomal aberration test, but this was not confirmed in the micronucleus assay. No adverse effects on reproduction nor teratogenicity were noted in a study with a structural analogue. Carcinogenicity was not investigated.

Acute overexposure to maleic anhydride vapors may cause severe eye, nasal and respiratory irritation. Repeated exposure to the vapor may cause lung disease as well as respiratory or skin sensitization. The oral (rat) and dermal (rabbit) LD50 values are 1090 mg/kg and 2620 mg/kg, respectively. The 1-hour inhalation LC50-value was > 4.35 mg/L in a rat study. Repeated exposure may lead to damage to the respiratory tract or kidneys. Clastogenic effects were seen during an in vitro study (ambiguous results), but the in vivo follow up study didn’t confirm these findings. No carcinogen or teratogenic effects are expected.

12. Ecological Data

Aquatic Chronic Toxicity: Harmful to aquatic life with long lasting effects.

The ecological assessment for this material is based on an evaluation of its components.

ECOTOXICITY
Not Available

BIOACCUMULATIVE POTENTIAL
Not Available

PERSISTENCE AND DEGRADABILITY
Not Available

MOBILITY IN SOIL
Not available

OTHER ADVERSE EFFECTS

HAZARD TO THE OZONE LAYER
Not available

HAZARDOUS INGREDIENT TOXICITY DATA

Component / CAS No.	Toxicity to Fish
Styrene (100-42-5)	LC50 = 3.24 - 4.99 mg/L - Pimephales promelas (96h)
Ammonium polyphosphate (68333-79-9)	LC50 > 500 mg/L - Brachydanio rerio (96h) LC50 = 123 mg/L - Oncorhynchus mykiss (96h) LC50 685 - 1066 mg/L - Oncorhynchus mykiss
	(96h) LC50 389 - 654 mg/L - Pimephales promelas (96h)
Alumina trihydrate (21645-51-2)	Not available
2-Hydroxyethyl methacrylate (868-77-9)	LC50 213 - 242 mg/L - Pimephales promelas (96h) LC50 = 227 mg/L - Pimephales promelas (96h)
Kaolin (1332-58-7)	Not available

Cobalt bis(2-ethylhexanoate) (136-52-7)	LC50 = 1.5 mg/L of Co - Onchorhynchus mykiss - 96hrs EC10 = 0.35mg/L of Co - Pimephales promelas - 34d

) sebacate (41556-26-7)	LC50 = 0.9 mg/L - Danio rerio - 96hrs
Maleic anhydride (108-31-6)	LC50 = 75 mg/L - Lepomis macrochirus (96hrs) LC50 = 75 mg/L - Oncorhynchus mykiss (96hrs)

Component / CAS No.	**Toxicity to Water Flea**
Styrene (100-42-5)	EC50 = 4.7 mg/L - Daphnia magna (48h) NOEC = 1.01 mg/L - Daphnia magna (21d) LC50 = 9.5 mg/L - Hyalella azteka (96h)
Ammonium polyphosphate (68333-79-9)	Not available
Alumina trihydrate (21645-51-2)	Not available
2-Hydroxyethyl methacrylate (868-77-9)	Not available
Kaolin (1332-58-7)	Not available
Cobalt bis(2-ethylhexanoate) (136-52-7)	EC50 = 0.61 mg/L of Co - cladoceran, Ceriodaphnia dubia - 48hrs EC10 - 7.55 µg/L of Co - Daphnia magna - 21d
Bis(1,2,2,6,6-Pentamethyl-4-piperidinyl) sebacate (41556-26-7)	EC50 = 20 mg/L - Daphnia magna - 48hrs
Maleic anhydride (108-31-6)	EC50 = 42.81 mg/L - Daphnia magna (48hrs) NOEC = 10 mg/L - Daphnia magna (21d)

Component / CAS No.	**Toxicity to Algae**
Styrene (100-42-5)	EC50 = 6.3 mg/L - Pseudokirchneriella subcapitata (96h)
Ammonium polyphosphate (68333-79-9)	Not available

Alumina trihydrate (21645-51-2)	Not available
2-Hydroxyethyl methacrylate (868-77-9)	Not available
Kaolin (1332-58-7)	Not available
Cobalt bis(2-ethylhexanoate) (136-52-7)	EC50 = 52 µg/L of Co - Lemna minor - 72hrs EC 10 = 10.4 µg/L of Co - Lemna minor - 72hrs
Bis (1,2,2,6,6-Pentamethyl-4-piperidinyl Sebacate (41556-26-7)	EC50 = 1.68 mg/L - Desmodesmus subspicatus - 72hrs EC10 = 0.34 mg/L - Desmodesmus subspicatus - 72hrs
Maleic anhydride (108-31-6)	EC50 = 74.32 mg/L - Pseudokirchneriella subcapitata (72hrs) EC10 = 11.8 mg/L - Pseudokirchnerella subcapitata (72hrs

Component / CAS No.	**Partition coefficient**
Styrene (100-42-5)	2.96
Ammonium polyphosphate	Not available
(68333-79-9)	
Alumina trihydrate (21645-51-2)	Not available
2-Hydroxyethyl methacrylate	0.42
(868-77-9)	
Kaolin (1332-58-7)	Not available
Cobalt bis(2-ethylhexanoate)	Not available
(136-52-7)	
Bis (1,2,2,6,6-Pentamethyl-4-piperidinyl	0.37
Sebacate (41556-26-7)	
Maleic anhydride (108-31-6)	log Kow = -2.16 (corresponding acid)

13. Disposal Considerations

Waste Treatment Methods

The company encourages the recycle and reuse of products and packaging, where possible and permitted.

Product disposal
When recycle or reuse is not possible, the company recommends that our products, especially when classified as hazardous, be disposed of by thermal treatment or incineration at approved facilities. All local and national regulations should be followed.

Packaging disposal
Handle contaminated packages in the same way as the product itself. Disposal of emptied and cleaned packaging must be made in accordance with applicable local and national regulations.

Disposal-relevant information
Do not release directly or indirectly to surface water, ground water, soil, or public sewage system.

14. Transport Information

This section provides basic shipping classification information. Refer to appropriate transportation regulations for specific requirements.

Road transport

Dangerous Goods? X

PROPER SHIPPING NAME:	RESIN SOLUTION
Hazard Class:	3
UN Number:	UN1866
Packing Group:	III
Transport Label Required:	Flammable liquid
HAZCHEM Code:	•3Y
IERG:	14

IMO

Dangerous Goods? X

UN PROPER SHIPPING NAME:	RESIN SOLUTION
Transport Hazard Class:	3
UN Number:	UN1866
Packing Group:	III
Transport Label Required:	Flammable liquid

ICAO / IATA

Dangerous Goods? X

UN PROPER SHIPPING RESIN SOLUTION

Transport Hazard Class	3
Packing Group	III
UN Number	UN1866
Transport Label Required	Flammable Liquid

SPECIAL PRECAUTIONS FOR USER
Protect against external heat sources above +35°C

15. Regulatory Information

Safety, health and environmental regulations specific for the product in question

Ozone Depleting Substances (Regulation (EC) No 1005/2009): Not applicable

Persistent Organic Pollutants (Regulation (EC) No 850/2004): Not applicable

EPA New Zealand HSNO approval code or group standard: HSR002495
Group Standard: Additives, Process Chemicals and Raw Materials (Flammable) Group Standard 2020

Health and Safety at Work Hazardous Substances Regulations 2017
Tracking:
This product does not require tracking

Certified Handler:
This product does not require a certified handler.

Controlled Substance: This product does not require a Controlled Substance Licence

Inventory Information
New Zealand: This product is approved or exempt under the Hazardous Substances and New Organisms (HSNO) Act.

16. Other Information

Reasons for Issue: Revised All Sections

Date Prepared: 12-May-2023