AUSPROOF

Compound 53 Part A - Resin

AusProof (Pty) Ltd

Chemwatch: 5633-30 Version No: 6.1

Rel

Chemwatch Hazard Alert Code: 3

Issue Date: **13/03/2025** Print Date: **13/03/2025** L.GHS.AUS.EN.E

Safety Data Sheet according to Work Health and Safety Regulations (Hazardous Chemicals) 2023 and ADG requirements

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

Product Identifier	
Product name	Compound 53 Part A - Resin
Chemical Name	Not Applicable
Synonyms	Not Available
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains butylated triphenyl phosphate)
Chemical formula	Not Applicable
Other means of identification	Not Available

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

evant identified uses	Electro Insulating Resin. Use according to manufacturer's directions.
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Details of the manufacturer or supplier of the safety data sheet

Registered company name	AusProof (Pty) Ltd
Address	6 Shona Ave, Gladstone QLD 4680 Australia
Telephone	+617 4978 4000
Fax	Not Available
Website	www.ausproof.com.au
Email	ausproof@ausproof.com.au

Emergency telephone number

Association / Organisation	CHEMWATCH EMERGENCY RESPONSE (24/7)
Emergency telephone number(s)	+61 1800 951 288
Other emergency telephone number(s)	+61 3 9573 3188

SECTION 2 Hazards identification

Classification of the substance or mixture

Poisons Schedule	S7	
	Sensitisation (Skin) Category 1, Serious Eye Damage/Eye Irritation Category 2A, Germ Cell Mutagenicity Category 2, Reproductive Toxicity Category 1B, Hazardous to the Aquatic Environment Long-Term Hazard 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)

H317	lay cause an allergic skin reaction.	
H319	Causes serious eye irritation.	
H341	Suspected of causing genetic defects.	
H360FD	May damage fertility. May damage the unborn child.	
H411	Toxic to aquatic life with long lasting effects.	
AUH066	Repeated exposure may cause skin dryness and cracking.	

Precautionary statement(s) Prevention

riceautionary statement(s) rice		
P201	Obtain special instructions before use.	
P280	Wear protective gloves, protective clothing, eye protection and face protection.	
P261	Avoid breathing mist/vapours/spray.	
P273	Avoid release to the environment.	
P264	Wash all exposed external body areas thoroughly after handling.	
P272	Contaminated work clothing should not be allowed out of the workplace.	

Precautionary statement(s) Response

P308+P313	IF exposed or concerned: Get medical advice/ attention.
P302+P352	IF ON SKIN: Wash with plenty of water and soap.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P391	Collect spillage.

Precautionary statement(s) Storage

P405 Store locked up.

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
25791-96-2	20	polypropylene glycol glyceryl ether
68937-40-6	8	butylated triphenyl phosphate
69102-90-5	15	butadiene homopolymer, hydroxyl functionalised
21645-51-2	53	aluminium hydroxide
14808-60-7	2.5	silica crystalline - quartz
77-58-7	0.5	dibutyltin dilaurate
1309-37-1	1	red iron oxide
Legend:	1. Classified by Chemwatch; 2 Classification drawn from C&L	2. Classification drawn from HCIS; 3. Classification drawn from Regulation (EU) No 1272/2008 - Annex VI; 4. ;; * EU IOELVs available

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 product comes in contact with skin: Contact a Poisons Information Centre or a doctor. DO NOT allow clothing wet with product to remain in contact with skin, strip all contaminated clothing including boots. Quickly wash affected areas vigorously with soap and water. DO NOT give anything by mouth to a patient showing signs of narcosis, i.e. losing consciousness. Give atropine if instructed. DO NOT delay, get to a doctor or hospital quickly.
Inhalation	 If spray mist, vapour are inhaled, remove from contaminated area. Contact a Poisons Information Centre or a doctor at once. Lay patient down in a clean area and strip any clothing wet with spray. 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. DO NOT give anything by mouth to a patient showing signs of narcosis, i.e. losing consciousness. Give atropine if instructed.

	Get to doctor or hospital quickly.
Ingestion	 If swallowed: Contact a Poisons Information Centre or a doctor at once. If swallowed, activated charcoal may be advised. Give atropine if instructed. REFER FOR MEDICAL ATTENTION WITHOUT DELAY. In the mean time, qualified first-aid personnel should treat the patient following observation and employing supportive measures as indicated by the patient's condition. If the services of a medical officer or medical doctor are readily available, the patient should be placed in his/her care and a copy of the SDS should be provided. Further action will be the responsibility of the medical specialist. If medical attention is not available on the worksite or surroundings send the patient to a hospital together with a copy of the SDS.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 Firefighting measures

Extinguishing media

- Foam.
- Dry chemical powder.
- BCF (where regulations permit).
 Carbon diavida
- Carbon dioxide.
 Water spray or fog Large fires only.

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	 Alert Fire Brigade and tell them location and nature of hazard. Wear full body protective clothing with breathing apparatus. Prevent, by any means available, spillage from entering drains or water course. Use water delivered as a fine spray to control fire and cool adjacent area. Avoid spraying water onto liquid pools. DO NOT approach containers suspected to be hot. Cool fire exposed containers with water spray from a protected location. If safe to do so, remove containers from path of fire.
Fire/Explosion Hazard	 Combustible. Slight fire hazard when exposed to heat or flame. Heating may cause expansion or decomposition leading to violent rupture of containers. On combustion, may emit toxic fumes of carbon monoxide (CO). May emit acrid smoke. Mists containing combustible materials may be explosive. Combustion products include: carbon dioxide (CO2) phosphorus oxides (POx) silicon dioxide (SiO2) metal oxides other pyrolysis products typical of burning organic material.
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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

Methods and material for cont	ainment and cleaning up
Minor Spills	 Environmental hazard - contain spillage. Clean up all spills immediately. Avoid breathing vapours and contact with skin and eyes. Control personal contact with the substance, by using protective equipment. Contain and absorb spill with sand, earth, inert material or vermiculite. Wipe up. Place in a suitable, labelled container for waste disposal.
Major Spills	 Clear area of personnel and move upwind. Alert Fire Brigade and tell them location and nature of hazard. Wear full body protective clothing with breathing apparatus. Prevent, by all means available, spillage from entering drains or water courses. Consider evacuation (or protect in place). No smoking, naked lights or ignition sources. Increase ventilation. Stop leak if safe to do so. Water spray or fog may be used to disperse / absorb vapour. Contain or absorb spill with sand, earth or vermiculite. Collect recoverable product into labelled containers for recycling. Collect solid residues and seal in labelled drums for disposal. Wash area and prevent runoff into drains. After clean up operations, decontaminate and launder all protective clothing and equipment before storing and re-using. If contamination of drains or waterways occurs, advise emergency services. Environmental hazard - contain spillage. Chemical Class: organophosphates

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SORBENT TYPE	RANK	APPLICA	TION	COLLE	ECTION	LIMITATIONS
LAND SPILL - S	SMALL					
cross-linked p	olymer - p	particulate	1	shovel	shovel	R, W, SS
cross-linked p	olymer - p	oillow	1	throw	pitchfork	R, DGC, RT
wood fiber - p	illow		1	throw	pitchfork	R,P, DGC, RT
foamed glass	- pillow		2	shovel	shovel	R, W, P, DGC
sorbent clay -	particulat	е	2	shovel	shovel	R, I, P
wood fibre - p	articulate		3	shovel	shovel	R,W, P, DGC
LAND SPILL - N	/IEDIUM					
cross-linked p	olymer -p	articulate	1	blower	skiploade	er R, W, SS
sorbent clay -	particulat	e	2	blower	skiploade	er R, I, P
polypropylene	e - particul	ate	2	blower	skiploade	er R, SS, DGC
expanded mir	neral - par	ticulate	3	blower	skiploade	er R,I, W, P, DG
wood fiber- pa	articulate		3	blower	skiploade	er R, W, P, DGC
polypropylene	e - mat		3	throw	skiploade	er DGC, RT
Legend DGC: Not effect R; Not reusable I: Not incinerabl P: Effectiveness RT:Not effective SS: Not for use W: Effectiveness	e s reduced where ter within env	when rainy rrain is ruggo vironmentally	ed / sens			

Reference: Sorbents for Liquid Hazardous Substance Cleanup and Control; R.W Melvold et al: Pollution Technology Review No. 150: Noyes Data Corporation 1988

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

SECTION 7 Handling and storage

Precautions for safe handling	
Safe handling	 DO NOT allow clothing wet with material to stay in contact with skin Avoid all personal contact, including inhalation. Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area. Prevent concentration in hollows and sumps. DO NOT enter confined spaces until atmosphere has been checked. Avoid smoking, naked lights or ignition sources. Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. Keep containers securely sealed when not in use. Avoid physical damage to containers. Always wash hands with soap and water after handling. Work clothes should be laundered separately. Use good occupational work practice. Observe manufacturer's storage and handling recommendations contained within this SDS. Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions.
Other information	 Store in original containers. Keep containers securely sealed. Store in a cool, dry, well-ventilated area. Store away from incompatible materials and foodstuff containers. Protect containers against physical damage and check regularly for leaks. Observe manufacturer's storage and handling recommendations contained within this SDS.

Conditions for safe storage, including any incompatibilities

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Suitable container	 Glass container is suitable for laboratory quantities Metal can or drum Packaging as recommended by manufacturer. Check all containers are clearly labelled and free from leaks.
Storage incompatibility	 Avoid strong acids, bases. Avoid reaction with oxidising agents

SECTION 8 Exposure controls / personal protection

Control parameters

Occupational Exposure Limits (OEL)

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
Australia Exposure Standards	silica crystalline - quartz	Quartz (respirable dust)	0.05 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	silica crystalline - quartz	Silica - Crystalline: Quartz (respirable dust)	0.05 mg/m3	Not Available	Not Available	Not Available

Continued...

Compound 53 Part A - Resin

Source	Ingredient	Material name	TWA	STEL	Peak	Notes	
Australia Exposure Standards	dibutyltin dilaurate	dilaurate compounds (as Sn) mg/m3 mg/m3 Available		(g) Some compounds in these groups are classified as carcinogenic or as sensitisers. Check individual classification details on the safety data sheet for information on classification.			
Australia Exposure Standards	red iron oxide	Iron oxide fume (Fe2O3) (as Fe)				Not Available	
Australia Exposure Standards	red iron oxide	Rouge dust	10 mg/m3	Not Available	Not Available	(a) This value is for inhalable dust containing no asbestos and < 1% crystalline silica.	
Ingredient	Original IDLH			Revised IDLH			
polypropylene glycol glyceryl ether	Not Available					Not Available	
butylated triphenyl phosphate	Not Available			Not Available			
butadiene homopolymer, hydroxyl functionalised	Not Available					Not Available	
aluminium hydroxide	Not Available			Not Available			
silica crystalline - quartz	25 mg/m3 / 50 n	ng/m3		Not Available			
dibutyltin dilaurate	25 mg/m3	25 mg/m3				Not Available	
red iron oxide	2,500 mg/m3	2,500 mg/m3				Not Available	

MATERIAL DATA

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. Ventilation can remove or dilute an air contaminant if designed properly. The design of a ventilation system must match the particular process and chemical or contaminant in use. Employees exposed to confirmed human carcinogens should be authorized to do so by the employer, and work in a regulated area. Work should be undertaken in an isolated system such as a "glove-box". Employees should wash their hands and arms upon completion of the assigned task and before engaging in other activities not associated with the isolated system. Within regulated areas, the carcinogen should be stored in sealed containers, or enclosed in a closed system, including piping systems, with any sample ports or openings closed while the carcinogens are contained within. Open-vessel systems are prohibited. Each operation should be brovided with continuous local exhaust ventilation so that air movement is always from ordinary work areas to the operation. 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. Prior to removing protective garments the employee should undergo decontamination and be required to shower upon removal of the gore relaxed hood. Except for outdoor sys
Individual protection measures, such as personal protective equipment	
Eye and face protection	 When handling very small quantities of the material eye protection may not be required. For laboratory, larger scale or bulk handling or where regular exposure in an occupational setting occurs: Chemical goggles. [AS/NZS 1337.1, EN166 or national equivalent] Face shield. Full face shield may be required for supplementary but never for primary protection of eyes. 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. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available. In the event of chemical exposure, begin eye irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly. [CDC NIOSH Current Intelligence Bulletin 59].
Skin protection	See Hand protection below
Hands/feet protection	 NOTE: The material may produce skin sensitisation in predisposed individuals. Care must be taken, when removing gloves and other protective equipment, to avoid all possible skin contact. Contaminated leather items, such as shoes, belts and watch-bands should be removed and destroyed. 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 choice. Personal hygiene is a key element of effective hand care. Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly. Application of a non-perfumed moisturiser is recommended. Suitability and durability of glove type is dependent on usage. Important factors in the selection of gloves include: frequency and duration of contact, chemical resistance of glove material, glove thickness and dexterity

	 Select gloves tested to a relevant standard (e.g. Europe EN 374, US F739, AS/NZS 2161.1 or national equivalent). When prolonged or frequently repeated contact may occur, a glove with a protection class of 5 or higher (breakthrough time greater than 240 minutes according to EN 374, AS/NZS 2161.10.1 or national equivalent) is recommended. When only brief contact is expected, a glove with a protection class of 3 or higher (breakthrough time greater than 60 minutes according to EN 374, AS/NZS 2161.10.1 or national equivalent) is recommended. Some glove polymer types are less affected by movement and this should be taken into account when considering gloves for long-term use. Contaminated gloves should be replaced. As defined in ASTM F-739-96 in any application, gloves are rated as: Excellent when breakthrough time > 20 min Fair when breakthrough time > 20 min For general applications, gloves with a thickness typically greater than 0.35 mm, are recommended. It should be emphasized that glove thickness is not necessarily a good predictor of glove material. Therefore, glove selection should also be based on consideration of the task requirements and knowledge of breakthrough times. Glove thickness may also vary depending on the glove maturer, the glove bype and the glove model. Therefore, the manufacturers technical data should always be taken into account to ensure selection of the most appropriate glove for the task. Note: Depending on the activity being conducted, gloves of varying thickness may be required where there is a mechanical (as well as a chemical), risk i.e. where there is abrasion or puncture potential Gloves thickness may also thare in the degree of manual dectrity is needed. However, these gloves are only likely to give short duration protection and would normally be just for single use applications, then disposed of. Thinkner gloves (nitrile or low-protein, powder-free latex,
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] 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. [AS/NZS 1715 or national equivalent] Emergency deluge showers and eyewash fountains, supplied with potable water, should be located near, within sight of, and on the same level with locations where direct exposure is likely. 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 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. Prior to removing protective garments the employee should undergo decontamination and be required to shower upon removal of the garments and hood. For quantities up to 500 grams a laboratory coat may be suitable. For quantities up to 1 kilogram a disposable laboratory coat or coverall of low permeability is recommended. Coveralls should be buttoned at collar and cuffs. For quantities over 1 kilogram and manufacturing operations, wear disposable coverall of low permeability and disposable shoe covers. For manufacturing operations, air-supplied full body suits may be required for the provision of advanced respiratory protect

Respiratory protection

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

Where the concentration of gas/particulates in the breathing zone, approaches or exceeds the "Exposure Standard" (or ES), respiratory protection is required. Degree of protection varies with both face-piece and Class of filter; the nature of protection varies with Type of filter.

Required Minimum Protection Factor	Half-Face Respirator	Full-Face Respirator	Powered Air Respirator
up to 10 x ES	A-AUS P2	-	A-PAPR-AUS / Class 1 P2
up to 50 x ES	-	A-AUS / Class 1 P2	-
up to 100 x ES	-	A-2 P2	A-PAPR-2 P2 ^

^ - Full-face

A(All classes) = Organic vapours, B AUS or B1 = Acid gasses, B2 = Acid gas or hydrogen cyanide(HCN), B3 = Acid gas or hydrogen cyanide(HCN), E = Sulfur dioxide(SO2), G = Agricultural chemicals, K = Ammonia(NH3), Hg = Mercury, NO = Oxides of nitrogen, MB = Methyl bromide, AX = Low boiling point organic compounds(below 65 degC)

• 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.

Cartridge performance is affected by humidity. Cartridges should be changed after 2 hr of continuous use unless it is determined that the humidity is less than 75%, in which case, cartridges can be used for 4 hr. Used cartridges should be discarded daily, regardless of the length of time used

If inhalation risk above the TLV exists, wear approved dust respirator.

Use respirators with protection factors appropriate for the exposure level.

- Up to 5 X TLV, use valveless mask type; up to 10 X TLV, use 1/2 mask dust respirator
- Up to 50 X TLV, use full face dust respirator or demand type C air supplied respirator
- Up to 500 X TLV, use powered air-purifying dust respirator or a Type C pressure demand supplied-air respirator

• Over 500 X TLV wear full-face self-contained breathing apparatus with positive pressure mode or a combination respirator with a Type C positive pressure supplied-air full-face respirator and an auxiliary self-contained breathing apparatus operated in pressure demand or other positive pressure mode

SECTION 9 Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Odourless red oxide coloured liquid.		
Physical state	Liquid	Relative density (Water = 1)	1.40-1.45
Odour	No Odour	Partition coefficient n-octanol / water	Not Available
Odour threshold	Not Available	Auto-ignition temperature (°C)	Not Available
pH (as supplied)	Not Applicable	Decomposition temperature (°C)	Not Available
Melting point / freezing point (°C)	Not Available	Viscosity (cSt)	6000-6500
Initial boiling point and boiling range (°C)	Not Available	Molecular weight (g/mol)	Not Applicable
Flash point (°C)	>200	Taste	Not Available
Evaporation rate	Not Available	Explosive properties	Not Available
Flammability	Not Applicable	Oxidising properties	Not Available
Upper Explosive Limit (%)	Not Available	Surface Tension (dyn/cm or mN/m)	Not Available
Lower Explosive Limit (%)	Not Available	Volatile Component (%vol)	Not Available
Vapour pressure (kPa)	Not Available	Gas group	Not Available
Solubility in water	Immiscible	pH as a solution (1%)	Not Applicable
Vapour density (Air = 1)	Not Available	VOC g/L	Not Available
Heat of Combustion (kJ/g)	Not Available	Ignition Distance (cm)	Not Available
Flame Height (cm)	Not Available	Flame Duration (s)	Not Available
Enclosed Space Ignition Time Equivalent (s/m3)	Not Available	Enclosed Space Ignition Deflagration Density (g/m3)	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

SECTION 11 Toxicological information

a) Acute Toxicity	Based on available data, the classification criteria are not met.
b) Skin Irritation/Corrosion	Based on available data, the classification criteria are not met.
c) Serious Eye Damage/Irritation	There is sufficient evidence to classify this material as eye damaging or irritating
d) Respiratory or Skin sensitisation	There is sufficient evidence to classify this material as sensitising to skin or the respiratory system
e) Mutagenicity	There is sufficient evidence to classify this material as mutagenic
f) Carcinogenicity	Based on available data, the classification criteria are not met.
g) Reproductivity	There is sufficient evidence to classify this material as toxic to reproductivity
h) STOT - Single Exposure	Based on available data, the classification criteria are not met.
STOT - Repeated Exposure	Based on available data, the classification criteria are not met.
j) Aspiration Hazard	Based on available data, the classification criteria are not met.
Inhaled	The material is not thought to produce respiratory irritation (as classified by EC Directives using animal models). Nevertheless inhalation of vapours, fumes or aerosols, especially for prolonged periods, may produce respiratory discomfort and occasionally, distress. Inhalation of vapours or aerosols (mists, fumes), generated by the material during the course of normal handling, may be damaging to the health of the individual.
Ingestion	Accidental ingestion of the material may be harmful; animal experiments indicate that ingestion of less than 150 gram may be fatal or may produce serious damage to the health of the individual.
Skin Contact	The liquid may be miscible with fats or oils and may degrease the skin, producing a skin reaction described as non-allergic contact dermatitis. The material is unlikely to produce an irritant dermatitis as described in EC Directives . Repeated exposure may cause skin cracking, flaking or drying following normal handling and use. Skin contact with the material may damage the health of the individual; systemic effects may result following absorption. Open cuts, abraded or irritated skin should not be exposed to this material Entry into the blood-stream through, for example, cuts, abrasions, puncture wounds 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	Evidence exists, or practical experience predicts, that the material may cause eye irritation in a substantial number of individuals and/or m

	ΤΟΧΙCITY	IRRITATION
Compound 53 Part A - Resin	Not Available	Not Available
Chronic Compound 53 Part A - Resin	Wherever it is reasonably practicable, exposure to substances that caposible the primary aim is to apply adequate standards of control to Activities giving rise to short-term peak concentrations should receive surveillance is appropriate for all employees exposed or liable to be eithere should be appropriate consultation with an occupational health On the basis of epidemiological data, the material is regarded as card association between human exposure to the material and the develop Harmful: danger of serious damage to health by prolonged exposure. Serious damage (clear functional disturbance or morphological chang repeated or prolonged exposure. As a rule the material produces, or may become apparent following direct application in subchronic (90 or toxicity tests.) There is sufficient evidence to provide a strong presumption that hum of: - clear evidence in animal studies of impaired fertility in the absend the same dose levels as other toxic effects but which is not a second There is sufficient evidence to provide a strong presumption that hum generally on the basis of: - clear results in appropriate animal studies where effects have been same dose levels as other toxic effects but which are not secondary or Prolonged or repeated skin contact may cause drying with cracking, if Exposure to the material may cause concerns for humans owing to p in appropriate animal studies provide strong suspicion of developmer around the same dose levels as other toxic effects but which are not secondary or Prolonged or repeated skin contact may cause drying with cracking, if appropriate animal studies provide strong suspicion of developmer around the same dose levels as other toxic effects but which are not secondary or propriate animal studies provide strong suspicion of developmer around the same dose levels as other toxic effects but which are not secondary or prolonged or repeated skin contact may cause drying with cracking, if appropriate animal studies provide strong suspicion of developmer around the same dose le	an cuase occupational asthma should be prevented. Where this is not prevent workers from becoming hyper-responsive. particular attention when risk management is being considered. Heal exposed to a substance which may cause occupational asthma and professional over the degree of risk and level of surveillance. cinogenic to humans. There is sufficient data to establish a causal oment of cancer. through inhalation, in contact with skin and if swallowed. ge which may have toxicological significance) is likely to be caused by contains a substance which produces severe lesions. Such damage lay) toxicity studies or following sub-acute (28 day) or chronic (two-yea an exposure to the material may result in impaired fertility on the basis se of toxic effects, or evidence of impaired fertility occurring at around ary non-specific consequence of other toxic effects. Ian exposure to the material may result in developmental toxicity, observed in the absence of marked maternal toxicit, or at around the non-specific consequences of the other toxic effects. rritation and possible dermatitis following. ossible developmental toxic effects, generally on the basis that results tal toxicity in the absence of signs of marked maternal toxicity, or at a secondary non-specific consequence of other toxic effects.
	individuals, and/or of producing a positive response in experimental a Substances that can cause occupational asthma (also known as asth airway hyper-responsiveness via an immunological, irritant or other m	non-lethal mutagenic effects following a single exposure. ble either of inducing a sensitisation reaction in a substantial number of magens and respiratory sensitisers) can induce a state of specific nechanism. Once the airways have become hyper-responsive, further ause respiratory symptoms. These symptoms can range in severity fro iser will become hyper-responsive and it is impossible to identify in shed from substances which may trigger the symptoms of asthma in

	ΤΟΧΙΟΙΤΥ	IRRITATION
polypropylene glycol glyceryl	dermal (rat) LD50: >2000 mg/kg ^[1]	Eye: no adverse effect observed (not irritating) ^[1]
	Inhalation (Rat) LC50: >50 mg/L4h ^[2]	Skin (Rodent - rabbit): 500mg - Mild
ether	Oral (Rat) LD50: >2000 mg/kg ^[1]	Skin (Rodent - rabbit): 500mg - Mild
		Skin (Rodent - rabbit): 500mg - Mild
		Skin: no adverse effect observed (not irritating) ^[1]
	ΤΟΧΙCΙΤΥ	IRRITATION
	dermal (rat) LD50: >2000 mg/kg ^[2]	Eye (Rodent - rabbit): 0.1mL - Mild
butylated triphenyl phosphate	Inhalation (Rat) LC50: >6.35 mg/L4h ^[2]	Eye (Rodent - rabbit): 0.1mL/30S - Mild
phoophate	Oral (Rat) LD50: 4700 mg/kg ^[1]	Skin (Rodent - rabbit): 0.5mL - Mild
		Skin (Rodent - rabbit): 500mg - Mild
butadiene homopolymer,	ΤΟΧΙΟΙΤΥ	IRRITATION
hydroxyl functionalised	Not Available	Not Available
	ΤΟΧΙΟΙΤΥ	IRRITATION
aluminium hydroxide	Inhalation (Rat) LC50: >2.3 mg/l4h ^[1]	Eye: no adverse effect observed (not irritating) ^[1]
	Oral (Rat) LD50: >2000 mg/kg ^[1]	Skin: no adverse effect observed (not irritating) ^[1]
	ΤΟΧΙΟΙΤΥ	IRRITATION
silica crystalline - quartz	Oral (Rat) LD50: 500 mg/kg ^[2]	Not Available
	ΤΟΧΙΟΙΤΥ	IRRITATION
	dermal (rat) LD50: >2000 mg/kg ^[1]	Eye (Rodent - rabbit): 100mg/24H - Moderate
dibutyltin dilaurate	Oral (Rat) LD50: 175 mg/kg ^[2]	Eye: adverse effect observed (irritating) ^[1]
		Skin (Rodent - rabbit): 500mg - Severe
		Skin: no adverse effect observed (not irritating) ^[1]
red iron oxide	ΤΟΧΙΟΙΤΥ	IRRITATION
	Oral (Rat) LD50: >5000 mg/kg ^[2]	Eye: no adverse effect observed (not irritating) ^[1]

		Skin: no advers	e effect observed (not irritating) ^[1]
Legend:	1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2. Value obtained from manufacturer's SDS. Unless of specified data extracted from RTECS - Register of Toxic Effect of chemical Substances		
POLYPROPYLENE GLYCOL GLYCERYL ETHER	Data for Niax Polyol L-56 Data for Niax Polyol LG-168 *	BASF Multranol 9175 SDS	
BUTYLATED TRIPHENYL PHOSPHATE	This material has been determined not to be a primary eye irritant in rabbits. This material has been determined not to be a primary skin irritant in rabbits. This product is expected to have low acute oral and dermal toxicity. No evidence of delayed neurotoxicity was observed in rats and hens following acute exposure. This material was not determined to be mutagenic in the Ames Test, in a mouse lymphoma forward mutation assay and a mouse lymphoma cytogenetic assay. * Chemtura MSDS (for similar product) In an oral reproductive/developmental toxicity study in rats, doses of 50, 250 or 1000 mg/kg/day were administered by gavage. During the study no treatment related effects were seen in any end points measured. There were no treatment related histological changes in the reproductive organs. Further, there were no significant differences in litter size or the number of live pups on postnatal days 0 and 4. The NOAEL for reproductive toxicity is 1000 mg/kg/day. A rat reproductive study is reported in the literature and was conducted using a butylated triphenyl phosphate based hydraulic fluid dosed at 600 mg/kg, 1,000 mg/kg and 1,700 mg/kg. The authors reported that fertility indices were reduced at doses of 1,000 mg/kg and higher. A NOAEL was established at 600 mg/kg. Because the report is unclear regarding the actual composition of the hydraulic fluid and certain deficiencies in study method exist (e.g. selection of rat strain, statistical analysis), this study may not accurately represent effects of all butylated triphenyl phosphate products. In an oral reatology study in rats, dose of 10,000 mg/kg/day was administered by gavage. There was no treatment related effects on the number of corpora lutea, implants, resorption sites, or live foetuses per dam. There was no effect on litter size or fetal weights for the mid and low dose groups. The high dose group showed significantly reduced foetal any unusual pattern of mortality or disease. The following information refers to contact allergens as a group and may not be		
SILICA CRYSTALLINE - QUARTZ	WARNING: For inhalation exposure <u>ONLY</u> : This substant The International Agency for Research on Cancer (IARC being carcinogenic to humans . This classification is bas humans for the carcinogenicity of inhaled silica in the for non-cancerous lung disease. Intermittent exposure produces; focal fibrosis, (pneumoc * Millions of particles per cubic foot (based on impinger s NOTE : the physical nature of quartz in the product deter material must enter the breathing zone as respirable par	c) has classified occupational ex ed on what IARC considered su ms of quartz and cristobalite. Cr coniosis), cough, dyspnoea, liver samples counted by light field ter mines whether it is likely to present.	posures to respirable (<5 um) crystalline silica as fficient evidence from epidemiological studies of ystalline silica is also known to cause silicosis, a tumours.
DIBUTYLTIN DILAURATE	Exposure to the material may result in a possible risk of irreversible effects. The material may produce mutagenic effects in man. This concern is raised, generally, on the basis of appropriate studies using mammalian somatic cells in vivo. Such findings are often supported by positive results from in vitro mutagenicity studies.		
POLYPROPYLENE GLYCOL GLYCERYL ETHER & BUTYLATED TRIPHENYL PHOSPHATE	The material may cause skin irritation after prolonged or repeated exposure and may produce a contact dermatitis (nonallergic). This form of dermatitis is often characterised by skin redness (erythema) and swelling epidermis. Histologically there may be intercellular oedema of the spongy layer (spongiosis) and intracellular oedema of the epidermis.		
BUTADIENE IOMOPOLYMER, HYDROXYL FUNCTIONALISED & ALUMINIUM HYDROXIDE	No significant acute toxicological data identified in literature search.		
Acute Toxicity	×	Carcinogenicity	×
Skin Irritation/Corrosion	×	Reproductivity	≁
Serious Eye Damage/Irritation	✓	STOT - Single Exposure	×
Respiratory or Skin sensitisation	*	STOT - Repeated Exposure	×
Mutagenicity	✓	Aspiration Hazard	X

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

SECTION 12 Ecological information

	Endpoint	Test Duration (hr)	Species	Value	Source
Compound 53 Part A - Resin	Not Available	Not Available	Not Available	Not Available	Not Available
polypropylene glycol glyceryl ether	Endpoint	Test Duration (hr)	Species	Value	Source
ether	BCF	1008h	Fish	0.2-2.2	7
	EC50	72h	Algae or other aquatic plants	>100mg/l	2
	NOEC(ECx)	504h	Crustacea	>=10mg/l	2

	EC50	48h	Crustacea	>100mg/l	2
	LC50	96h	Fish	>1000mg/l	2
butylated triphenyl phosphate	Endpoint	Test Duration (hr)	Species	Value	Source
	EC50	96h	Algae or other aquatic plants	2.6mg/l	2
	EC50	72h	Algae or other aquatic plants	1.4mg/l	2
	EC50(ECx)	48h	Crustacea	3.2- 4.7mg/l	Not Availabl
	LC50	96h	Fish	2.8- 4mg/l	Not Availabl
	EC50	48h	Crustacea	3.2- 4.7mg/l	Not Availabl
	Endpoint	Test Duration (hr)	Species	Value	Source
butadiene homopolymer, hydroxyl functionalised	Not Available	Not Available	Not Available	Not Available	Not Availabl
	Endpoint	Test Duration (hr)	Species	Value	Sourc
	LC50	96h	Fish	0.57mg/l	2
	EC50	96h	Algae or other aquatic plants	0.005mg/L	2
aluminium hydroxide	EC50	72h	Algae or other aquatic plants	0.017mg/L	2
	NOEC(ECx)	72h	Algae or other aquatic plants	>100mg/l	1
	EC50	48h	Crustacea	>0.065mg/l	4
	Endpoint	Test Duration (hr)	Species	Value	Source
silica crystalline - quartz	Not Available	Not Available	Not Available	Not Available	Not Availabl
	Endpoint	Test Duration (hr)	Species	Value	Sourc
	BCF	1344h	Fish	2.2-40	7
	EC50	72h	Algae or other aquatic plants	>1mg/l	2
dibutyltin dilaurate	EC50(ECx)	48h	Crustacea	<0.463mg/L	2
	EC50	48h	Crustacea	<0.463mg/L	2
	LC50	96h	Fish	21.2mg/l	2
	Endpoint	Test Duration (hr)	Species	Value	Sourc
	EC50	72h	Algae or other aquatic plants	18mg/l	2
red iron oxide	NOEC(ECx)	504h	Fish	0.52mg/l	2
	EC50	48h	Crustacea	>100mg/l	2
	LC50	96h	Fish	0.05mg/l	2
Legend:	Extracted from Ecotox databas	1. IUCLID Toxicity Data 2. Europe EC	CHA Registered Substances - Ecotoxicological Inform Aquatic Hazard Assessment Data 6. NITE (Japan) -	nation - Aquatic Toxicity	4. US

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. **DO NOT** discharge into sewer or waterways.

Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
butylated triphenyl phosphate	HIGH	HIGH
dibutyltin dilaurate	HIGH	HIGH

Bioaccumulative potential

Ingredient	Bioaccumulation
polypropylene glycol glyceryl ether	LOW (BCF = 7)
butylated triphenyl phosphate	LOW (LogKOW = 10.43)
dibutyltin dilaurate	LOW (BCF = 110)

Mobility in soil

Ingredient	Mobility
butylated triphenyl phosphate	LOW (Log KOC = 565800)
dibutyltin dilaurate	LOW (Log KOC = 64610000)

SECTION 13 Disposal considerations

Waste treatment methods

Product / Packaging disposal

Containers may still present a chemical hazard/ danger when empty.

 Otherwise: If container can not be cleaned sufficiently well to ensure that residuals do not remain or if the container cannot be used to store the same product, then puncture containers, to prevent re-use, and bury at an authorised landfill. Where possible retain label warnings and SDS and observe all notices pertaining to the product. Legislation addressing waste disposal requirements may differ by country, state and/ or territory. Each user must refer to laws operating in their area. In some areas, certain wastes must be tracked. A Hierarchy of Controls seems to be common - the user should investigate: Reduction Recycling Disposal (if all else fails) This material may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. If it has been contaminated, it may be possible to reclaim the product by filtration, distillation or some other means. Shelf life considerations should also be applied in making decisions of this type. Note that properties of a material may change in use, and recycling or reuse may not always be appropriate. DO NOT allow wash water from cleaning or process equipment to enter drains.
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.
 Recycle wherever possible or consult manufacturer for recycling options. Consult State Land Waste Authority for disposal. Bury or incinerate residue at an approved site. Recycle containers if possible, or dispose of in an authorised landfill.

SECTION 14 Transport information

Labels Required	
Marine Pollutant	
HAZCHEM	•3Z

Land transport (ADG)

Eand transport (7800)			
14.1. UN number or ID number	3082		
14.2. UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains butylated triphenyl phosphate)		
14.3. Transport hazard class(es)	Class Subsidiary Hazard	9 Not Applicable	
14.4. Packing group	III		
14.5. Environmental hazard	Environmentally hazardous		
14.6. Special precautions for user	Special provisions Limited quantity	274 331 335 375 AU01 5 L	

Environmentally Hazardous Substances meeting the descriptions of UN 3077 or UN 3082 are not subject to this Code when transported by road or rail in; (a) packagings; (b) IBCs; or (c) any other receptacle not exceeding 500 kg(L). - Australian Special Provisions (SP AU01) - ADG Code 7th Ed.

Air transport (ICAO-IATA / DGR)

	·)			
14.1. UN number	3082			
14.2. UN proper shipping name	Environmentally hazardous substance, liquid, n.o.s. (contains butylated triphenyl phosphate)			
14.3. Transport hazard class(es)	ICAO/IATA Class	9		
	ICAO / IATA Subsidiary Hazard	Not Applicable		
	ERG Code	9L		
14.4. Packing group	III			
14.5. Environmental hazard	Environmentally hazardous			
14.6. Special precautions for user	Special provisions		A97 A158 A197 A215	
	Cargo Only Packing Instructions		964	
	Cargo Only Maximum Qty / Pack		450 L	
	Passenger and Cargo Packing In	structions	964	
	Passenger and Cargo Maximum	Qty / Pack	450 L	
	Passenger and Cargo Limited Qu	antity Packing Instructions	Y964	

Passenger and Cargo Limited Maximum Qty / Pack

30 kg G

Sea transport (IMDG-Code / GGVSee)

14.1. UN number	3082		
14.2. UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains butylated triphenyl phosphate)		
14.3. Transport hazard class(es)	IMDG Class IMDG Subsidiary Ha	9 azard Not Applicable	
14.4. Packing group	II		
14.5 Environmental hazard	Marine Pollutant		
14.6. Special precautions for user	EMS Number Special provisions Limited Quantities	F-A , S-F 274 335 969 5 L	

14.7. Maritime transport in bulk according to IMO instruments

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
polypropylene glycol glyceryl ether	Not Available
butylated triphenyl phosphate	Not Available
butadiene homopolymer, hydroxyl functionalised	Not Available
aluminium hydroxide	Not Available
silica crystalline - quartz	Not Available
dibutyltin dilaurate	Not Available
red iron oxide	Not Available

14.7.3. Transport in bulk in accordance with the IGC Code

Product name	Ship Type
polypropylene glycol glyceryl ether	Not Available
butylated triphenyl phosphate	Not Available
butadiene homopolymer, hydroxyl functionalised	Not Available
aluminium hydroxide	Not Available
silica crystalline - quartz	Not Available
dibutyltin dilaurate	Not Available
red iron oxide	Not Available

SECTION 15 Regulatory information

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

polypropylene glycol glyceryl ether is found on the following regulatory lists

Australian Inventory of Industrial Chemicals (AIIC)

butylated triphenyl phosphate is found on the following regulatory lists

Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals Australian Inventory of Industrial Chemicals (AIIC)

butadiene homopolymer, hydroxyl functionalised is found on the following regulatory lists

Australian Inventory of Industrial Chemicals (AIIC)

aluminium hydroxide 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)

silica crystalline - quartz is found on the following regulatory lists

Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals

Australia Model Work Health and Safety Regulations - Hazardous chemicals (other than lead) requiring health monitoring

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 1: Carcinogenic to humans

Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 7 Australian Inventory of Industrial Chemicals (AIIC) Chemical Footprint Project - Chemicals of High Concern List

red iron oxide is found on the following regulatory lists

Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 4

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 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		
Canada - NDSL	No (polypropylene glycol glyceryl ether; butadiene homopolymer, hydroxyl functionalised; aluminium hydroxide; silica crystalline - quartz; dibutyltin dilaurate; red iron oxide)		
China - IECSC	Yes		
Europe - EINEC / ELINCS / NLP	No (butadiene homopolymer, hydroxyl functionalised)		
Japan - ENCS	No (butylated triphenyl phosphate)		
Korea - KECI	Yes		
New Zealand - NZIoC	Yes		
Philippines - PICCS	Yes		
USA - TSCA	All chemical substances in this product have been designated as TSCA Inventory 'Active'		
Taiwan - TCSI	Yes		
Mexico - INSQ	No (polypropylene glycol glyceryl ether; butylated triphenyl phosphate)		
Vietnam - NCI	Yes		
Russia - FBEPH	No (butadiene homopolymer, hydroxyl functionalised)		
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	13/03/2025
Initial Date	20/10/2023

SDS Version Summary

Version	Date of Update	Sections Updated
5.1	12/03/2025	Physical and chemical properties - Appearance, Hazards identification - Classification, Identification of the substance / mixture and of the company / undertaking - Synonyms
6.1	13/03/2025	Physical and chemical properties - Appearance, Identification of the substance / mixture and of the company / undertaking - Synonyms

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. 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.
- IDLH: Immediately Dangerous to Life or Health Concentrations
 ES: Exposure Standard
- 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
- DNEL: Derived No-Effect Level
- PNEC: Predicted no-effect concentration
- MARPOL: International Convention for the Prevention of Pollution from Ships
- IMSBC: International Maritime Solid Bulk Cargoes Code

end of SDS

Compound 53 Part A - Resin

- IGC: International Gas Carrier Code
- IBC: International Bulk Chemical Code
- AIIC: Australian Inventory of Industrial Chemicals
- DSL: Domestic Substances List
- NDSL: Non-Domestic Substances List
 IECSC: Inventory of Existing Chemical Substance in China
 EINECS: European INventory of Existing Commercial chemical Substances
- ELINCS: European List of Notified Chemical Substances
- NLP: No-Longer Polymers
- ENCS: Existing and New Chemical Substances Inventory
 KECI: Korea Existing Chemicals Inventory
 NZIoC: New Zealand Inventory of Chemicals

- PICCS: Philippine Inventory of Chemicals and Chemical Substances
- TSCA: Toxic Substances Control Act
- TCSI: Taiwan Chemical Substance Inventory
- INSQ: Inventario Nacional de Sustancias Químicas
 NCI: National Chemical Inventory
- FBEPH: Russian Register of Potentially Hazardous Chemical and Biological Substances

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