

SDS AD23 SUPER 'CRYLIC! Activator

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1 Product Identifier

Page 1 of 13

PRODUCT NAME: Super 'Crylic! : Activator

PRODUCT CODE AD23

PRODUCT DESCRIPTION: Toughened Acrylic Activator

1.2 Relevant identified uses of the substance or mixture and uses advise against Uses

Adhesive/Sealant. For professional use only.

Uses advised against

1.3 Details of the supplier of the safety data sheet

SUPPLIER: Deluxe Materials Limited,
Unit 13, Cufaude Business Park, Cufaude Lane
Bramley, Hampshire RG26 5DL
U.K.

Email info@deluxematerials.com

1.4 Emergency Telephone Number

01256 883944

Only available during office hours: Monday to Friday 9am to 5pm

Language: English

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Product definition :mixture

Classification :

Classification according to Regulation EC No. 1272/2008 [CLP/GHS]

Flammable liquids Hazard category 2 H225

Irritation of skin Hazard category 2 H315

Sensitization of the skin Hazard category 1 B H317

Specific Target Organ Toxicity - Hazard category 3 H335

Single exposure (inhalation)

Aquatic Chronic 3 H412

Classification according to Directive 1999/45/EC [DPD]

F R11 Xi R37/38, R43, R52/53

See section 16 for the full text of the R phrases or H statements declared above.

See section 11 for more detailed information on health effects and symptoms.

2.2 label elements

Hazard symbols



SDS AD23 SUPER 'CRYLIC! Activator

p2 of 13

Signal Word **Danger**

HAZARD STATEMENTS

H225 Highly flammable liquid and vapour.
H315 Causes skin irritation
H317 May cause allergic skin irritation
H335 May cause respiratory irritation.
H412 Harmful to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233 keep container tightly closed.
P261 Avoid breathing fumes/vapours.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P303 + P361 + P353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P403 + P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container in accordance with local regulation.

SUPPLEMENTARY PRECAUTIONARY STATEMENTS (NOT ON LABEL)

P240 ground/bond container and receiving equipment.
P241 use explosion-proof electrical, ventilating and lighting equipment.
P243 take precautionary measures against static discharge.
P362 take off contaminated clothing and wash before reuse.
P333 + P313 if skin irritation or rash occurs: get medical advice/attention.
P273 avoid release to the environment.
P391 Collect spillage.

SUPPLEMENTAL LABEL INFORMATION (EU) none

2.3 other hazards

There are no substances present that are classified as PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 mixtures

Component	CAS# EINECS# INDEX# RRN:	Classification	Amount %
Methyl methacrylate	80-62-62 201-297-1 01-2119452498-28	Flam. Liq. 2; H225 Skin Irrit. 2; H315 Skin Sens. 1; H317 STOT SE 3 (inhalation); H335 F R11 Xi R37/38 R43	<70
Butanal, reaction product with aniline	68411-20-1 270-109-8	Skin sens. 1B H317, Aquatic Chronic 2 H411 R43 N R51/53	<10

There are no additional ingredients which, within the current knowledge of the supplier, are classified

and contribute to the classification of the substance and hence require reporting in this section.
There are no substances present that are classified as PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

Occupational Exposure limits, if available, are listed in section 8.

SECTION 4: FIRST AID MEASURES**4.1 Description of first aid measures****CONTACT WITH SKIN**

Remove material from skin immediately by washing with soap and plenty of water. Remove contaminated clothing and shoes while washing. Seek medical attention if irritation persists. Wash clothing before reuse. Discard items, which cannot be decontaminated, including leather articles such as shoes, belts and watchbands.

CONTACT WITH EYES

Wash immediately and continuously with flowing water for at least 30 minutes. Remove contact lenses after the first 5 minutes and continue washing. Obtain prompt medical consultation, preferably from an ophthalmologist. Eye wash fountain should be located in immediate work area.

INGESTION

Do not induce vomiting. Give one cup of water or milk if available and transport to a medical facility. Do not give anything by mouth unless the person is fully conscious.

INHALATION

Move person to fresh air. If not breathing give artificial respiration: of by mouth to mouth use rescuer protection (pocket mask, etc.). If breathing is difficult oxygen should be administered by qualified personnel. Call a physician or transport to a medical facility.

EMERGENCY PERSONNEL PROTECTION

First aid responders should pay attention to self-protection and use recommended protective clothing (chemical resistant gloves, splash protection) If potential for exposure exists refer to section 8 for specific personal protective equipment.

4.2 Most important symptoms and effects**POTENTIAL ACUTE HEALTH EFFECTS**

Eye contact : Causes serious eye irritation.
Inhalation : headache, confusion
Skin contact : Causes skin Irritation. May cause allergic skin reaction.
Ingestion : Irritating to mouth, throat and stomach.

OVER EXPOSURE SIGNS/SYMPOMS

Eye contact : Adverse symptoms may include the following:
Pain or irritation
Watering
Redness
Inhalation : headache, confusion
Skin contact : Adverse symptoms may include the following:
Irritation
Redness
Ingestion : no specific data

4.3 Indication of any immediate medical attention

Notes to physician: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments: Symptomatic treatment and supportive therapy as indicated. Following severe exposure the patient should be kept under medical review for at least 48 hours.

SECTION 5: FIREFIGHTING MEASURES**5.1 Extinguishing media**

Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam. Do not use direct water stream. May spread fire. Alcohol resistant foams (ATC type) are preferred. General-purpose synthetic foams (including AFFF) or protein foams may function, but will be less effective.

5.2 Special hazards arising from the substance or mixture

Violent steam generation or eruption may occur upon application of direct water stream to hot liquids. Dense smoke is produced when product burns. During a fire smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: phenolics, Carbon monoxide, Carbon Dioxide and water.

5.3 Advice for fire-fighters**FIRE FIGHTING PROCEDURES**

Keep people away. Isolate fire and deny unnecessary entry. Burning liquids may be extinguished by dilution with water. Do not use direct water stream. May spread fire. Burning liquids may be moved by flushing with water to protect personnel and minimise property damage.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots and gloves). Avoid contact with this material during fire fighting operations. If contact is likely change to full chemical resistant fire fighting clothing with self-contained breathing apparatus. If this is not available wear full chemical resistant clothing with self-contained breathing apparatus and fight fire from a remote location. For protective equipment in post-fire clean-up situations, refer to the relevant sections.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions protective equipment and emergency procedures personal precautions**

For non-emergency personnel: No action shall be taken involving any personal risk without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders: if specialised clothing is required to deal with spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "for non-emergency personnel".

6.2 Environmental precautions

Prevent from entering into soil ditches sewers waterways and/or groundwater. See section 12 ecological information. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.

6.3 Methods and material for containment and cleaning up

SMALL SPILL : Stop leak if without risk. Move containers from spill area. Absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

LARGE SPILL : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, watercourses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or dichotomous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt

product. Note see section 1 for emergency contact information and section 13 to waste disposal.

6.4 Reference to other sections

See section 1 for emergency contact information.

See section 8 for information on appropriate personal protective equipment.

See section 13 for additional waste treatment information.

SECTION 7: HANDLING AND STORAGE

The information in this section contains generic advice and guidance. The list of Identified Uses in section I should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

7.1.1 PROTECTIVE MEASURES : Put on appropriate personal protective equipment (see section 8). Persons with a history of skin sensitisation problems should not be employed in any process in which this product is used. Do not get eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

7.1.2 ADVICE ON GENERAL : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.

7.1.3 OCCUPATIONAL HYGIENE : Workers should wash hands and face before eating, Drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in the original container at a temperature not exceeding 30 C. Protect from light. Fill the container by approximately 90 % only as oxygen (air) is required for stabilization. With large storage containers make sure the oxygen (air) supply is sufficient to ensure stability. Can polymerize with intense heat release.

STORAGE HAZARD CLASS : Flammable Liquid, corrosive n.o.s

7.3 Specific end uses

Adhesive/Sealant. For professional use only.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

The information in this section contains generic advice and guidance. The list identified Uses in section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

8.1 Control parameters

Occupational Exposure Limits

COMPONENT	LIST	TYPE	VALUE
Methyl methacrylate	2009/161/EC	WEL (long-term) 2009	208 mg/m3 50 ppm
		WEL (short-term) 2009	416 mg/m3 100 ppm
	2009/161/EC	Indicative occupational exposure limit value (15 minutes)	50 ppm
	2009/161/EC		100 ppm

RECOMMENDED MONITORING procedures: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.

Derived No-Effect Levels' (DNEL's) and Predicted No-Effect Concentrations' (PNEC's)

Explanatory note:

REACH requires manufacturers and importers to establish and report 'Derived No-Effect Levels' (DNEL's) for humans by inhalation, ingestion and dermal routes of exposure and 'Predicted No-Effect Concentrations' (PNEC's) for environmental exposure. DNEL's and PNEC's are established by the registrant without an official consultation process, and are not intended to be directly used for setting workplace or general population exposure limits. They are primarily used as input values in running Quantitative Risk Assessment models (like the ECETOC-TRA model). Due to differences in calculation methodology the DNEL will tend to be lower (sometimes significantly) than any corresponding health-based OEL for that chemical substance. Further although DNEL's (and PNEC's) are an indication for setting risk reduction measures, it should be recognized that these limits do not have the same regulatory application as officially endorsed governmental OEL's.

DNELs

Ingredient name	Exposure /Effects	DNELs	Population
Methyl methacrylate	Inhalation long term	210mg/m3	Industry
	Dermal long term	13.67 mg/kg/day	Industry
	Dermal short term	1500 mg/m3	Industry
	Inhalation long term	74.3 mg/m3	Consumer
	Dermal long term	8.2 mg/kg/day	Consumer
	Dermal short term	1500 mg/m3	Consumer

PNECs

Ingredient name	Compartment Detail	PNECs	Method Detail
Methyl methacrylate	Freshwater	0.94 mg/l	
	Marine water	0.094 mg/l	
	Soil	1.47 mg/kg	
	Sediment	5.74 mg/kg	

8.2 Exposure controls

8.2.1 APPROPRIATE ENGINEERING CONTROLS: No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

8.2.2 INDIVIDUAL PROTECTION MEASURES

8.2.2.1 HYGIENE MEASURES: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Ensure that eyewash stations and safety showers are close to the workstation location.

8.2.2.2 EYE/FACE PROTECTION: Safety eye-wear complying to an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gasses or dust.

8.2.2.3 HAND PROTECTION: Chemical resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

MATERIAL OF GLOVES FOR LONG TERM APPLICATION (BTT>480MIN): Ethyl Vinyl Alcohol Laminate (EVAL), butyl rubber.

MATERIAL IF GLOVES FOR SHORT TERM/SPLASH APPLICATION (10MIN<BTT<480MIN): neoprene, nitrile rubber.

Use gloves approved to relevant standards e.g. EN374 (Europe), F739b (US). Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material and dexterity. Always seek advice from glove suppliers.

8.2.2.4 BODY PROTECTION: Overalls or labcoat.

8.2.3 Environmental exposure controls

VENTILATION

Use engineering controls to maintain airborne level below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, use only with adequate ventilation. Local exhaust ventilation may be necessary for some operations.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	paste
Odour	Mild characteristic
Odour threshold	No test data available
pH	No test data available
Melting point/freezing point	-48.2 C
Initial boiling point and boiling range	100.3 C (1,013 hPa)
Flash point	10 C (DIN 51755)
Evaporation rate	No test data available
Flammability	Highly flammable
Upper/lower flammability or explosive limits	Lower explosion limit 2.1 %(V) at 10,5-C Upper explosion limit 12.5 %(V)
Vapour pressure	38.7 hPa (20 C)
Vapour density	> 1 (20 C)
Relative density	1.2 calculated
Solubility	15.9 g/l (20 C)
Partition coefficient n-octanol/water	log Pow 1.38, (measured)
Auto-ignition temperature	430 C (DIN 51794)
Decomposition temperature	No test data available
Viscosity	paste
Explosive properties	May form explosive mixtures with air
Oxidizing properties	Not applicable

9.2 Other information

None

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No data

10.2 Stability

Stable under recommended storage conditions. See storage section 7

10.3 Possibility of Hazardous Reactions

Polymerization with heat evolution may occur in the presence of radical forming substances (e.g. peroxides), reducing substances, and/or heavy metal ions.

10.4 Conditions to Avoid

The product is normally supplied in a stabilized form. If the permissible storage period and/or storage temperature is exceeded, the product may polymerize with heat evolution.

10.5 Incompatible Materials

Free radical initiators.
 Reducing agents.
 Tertiary amines.
 Heavy metals.
 peroxides
 oxidizing agents
 Mineral acids.

10.6 Hazardous Decomposition Products

Combustion products may include and are not limited to: Carbon monoxide. Carbon Dioxide and water.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Product/ingredient name	Endpoint	Species	Result	exposure
Methyl methacrylate	LD50 OECD 401	Rat	> 5,000 mg/kg	Oral
	LC50	Rat	29.8 mg/l	Inhalation
	LD50	Rabbit	> 5,000 mg/kg	Dermal
Butanal reaction product with aniline	LD50	Rat	3850mg/kg	Oral

Irritation/corrosion

Product/ingredient name	Test	Species	Route of exposure	Result

Conclusion/summary

Skin: If contact with skin is prolonged and/or frequent, irritations cannot be excluded.

Eyes: not irritating - slightly irritating

Respiratory: no evidence

Sensitisation

Product/ingredient name	Test	Species	Route of exposure	Result

Conclusion/summary : In humans various types of allergic reactions have been

Mutagenicity

Product/ingredient name	Test	Result

No experimental indication of genotoxicity in vivo available.
 In summary not mutagenic according to internationally accepted criteria.

SDS AD23 SUPER 'CRYLIC! Activator

p 9 of 13

Carcinogenicity

Product/ingredient name	Test	Result

No indications of toxic effects were observed in reproduction studies in animals.

Reproductive toxicity

Product/ingredient name	Test	Species	Result/result type	Target organs

No indications of toxic effects were observed in reproduction studies in animals.

Teratogenicity

Product/ingredient name	Test	Species	Result/result type

No indications of teratogenic effects in experimental animals.

Specific target organ toxicity (single exposure)

respiratory tract, (irritation) category 3

Specific target organ toxicity (repeated exposure)

Product/ingredient name	Test	Species	Result/result type
methylmetacrylate	inhalation	Rat	25 - 400 ppm Damage to mucous membranes in the nose at 400 ppm NOAEL 25 ppm

Aspiration hazard

Not available

Information on the likely routes of exposure

Not available

Potential acute health effects

Inhalation: irritating to respiratory system.

Ingestion: irritating to mouth, throat and stomach.

Skin contact: causes skin irritation. May cause an allergic skin reaction.

Eye contact: causes serious eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation: no specific data

Ingestion: no specific data

Skin contact: adverse symptoms may include irritation and redness

Eye contact: adverse symptoms may include the following pain or irritation watering and redness.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : not available

Potential delayed effects: not available

Long term exposure

Potential immediate effects : not available

Potential delayed effects: not available

Have caused allergic skin sensitisation in guinea pigs. Individuals having an allergic skin reaction to this product may have an allergic skin reaction to reaction to similar materials.

Potential chronic health effects

Product/ingredient name	Test	result type	Result	Target organs

Conclusion/summary: Not available

General: Once sensitised a severe allergic reaction may occur when subsequently exposed to very low levels.

Carcinogenicity: No known significant effects or critical hazards

Mutagenicity: No known significant effects or critical hazards

Teratogenicity: No known significant effects or critical hazards

Developmental effects: No known significant effects or critical hazards

Fertility effects: No known significant effects or critical hazards

11.2 Additional

None

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Product/ingredient name	Test	End point	exposure	Species	result
Methyl methacrylate	OECD 203	LC50	96 hours	Oncorhynchus mykiss	> 79 mg/l
	OECD 210	NOEC		Danio rerio	9.4 mg/l
	OECD 202	EC50	48 hours	Daphnia magna	69 mg/l
	OECD 202 part 2	NOEC	21days	Daphnia magna	37 mg/l
	OECD 201 Aquatoxicity, algae / aquatic	EC50	72 hours	Selenastrum capricornutum	> 110 mg/l
	Toxicity in microorganisms	EC3	16 hours	Pseudomonas putida	100 mg/l
Butanal reaction product with aniline	OECD 209 activated sludge, respiration inhibition test	Acute EC50	3 hours	Bacteria	1000mg/l
	OECD 201 Alga, growth inhibition test	Acute EC50	72 hours	Algae- desmodesmus subspicatus	128 mg/l

	OECD 202 Daphnia sp. Acute immobilization test	Acute EC50	48 hours	Daphnia – daphnia magna	3.8 mg/l
	OECD 203 fish, acute toxicity test		96 hours	Fish – danio rerio	48.5 mg/l
	OECD 201 alga, growth inhibition test	Acute LC50	72 hours	Algae – desmodesmus subspicatus	3.2 mg/l
		Acute NOAEL			

12.2 Persistence and degradability

Product/ingredient name	Test	Period	result
methylmethacrylate	OECD 301 C	14 days	94 %

Product/ingredient name	Aquatic half life	Photolysis	Biodegradability
methylmethacrylate			Readily degradable

12.3 Bio-Accumulative Potential

Product/ingredient name	LogPow	BCF	Potential
methylmethacrylate			

No evidence of hazardous properties.

12.4 Mobility and soil

Soil/water partition coefficient(Koc):

Methylmethacrylate: 1.38

Mobility: no evidence of hazardous properties

12.5 Results of PBT and vPvB assessment

Not PBT of vPvB

12.6 Other adverse effects

No further information available

12.7 Other ecological information

none

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Product Waste is hazardous. It must be disposed of in accordance with the regulations after consultation of the competent local authorities and the disposal company in a suitable and licensed facility.

Uncleaned packaging Contaminated packaging should be emptied optimally and after appropriate professional cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed of professionally. Uncontaminated packaging may be taken for recycling.

waste from the manufacture, formulation, supply and use (MFSU) of plastics, synthetic rubber and man-made fibres - other still bottoms and reaction residues
Always check the given waste codes according to the actual conditions of manufacturing, formulation or use in your facilities.

SECTION 14: TRANSPORT INFORMATION**14.1 UN Number**

UN1993

14.2 UN proper shipping name

FLAMMABLE LIQUID N.O.S. (methylmethacrylate)

14.3 Transport hazard class(es)

3

14.4 packing group

II

14.5 Environmental hazards

if not mentioned in Point 14.2 then it does not apply

14.6 Special precautions for user

see section 14.2

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

for transport approval see regulatory information

SECTION 15: REGULATORY INFORMATION**15.1 Safety , health and environmental regulations**

Directive 2006/121/EC of the European Parliament and of the council of 18 December 2006. Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18 December 2006.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION**16.1 Other Information**

This information is based on our present knowledge. However this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

16.2 Associated risk phrases

Full text of classifications DPD

F - flammable

C - corrosive

Full text of abbreviated R-phrases

Super 'Crylic! Activator page 12 of 13

R11 Highly flammable

R36/37/38 Irritating to eyes, respiratory system and skin.

R43 May cause sensitisation by skin contact

R52/53 Harmful to aquatic organisms may cause long term adverse effects in the aquatic environment.

Full text of abbreviated H statements

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation

H317 May cause allergic skin irritation

H335 May cause respiratory irritation.

Suitable precautionary measures must be taken to ensure that the applicable exposure limits are met in the working area and impairment of health is avoided.

Required industrial safety measures, including effective ventilation and exhaust ventilation in the working area, must comply with existing legislation.

This disclaimer is issued by Deluxe Materials Ltd and applies to the use of any products supplied by the Company ("the Products") displayed on this Material Safety Data Sheet ("MSDS"). Please read this disclaimer carefully before using any of the Products. While the information and recommendations in this publication are to the best of our knowledge, information and belief, accurate at the date of publication, the company **MAKES NO WARRANTIES, EXPRESSED OR IMPLIED OR OTHERWISE. IN ALL CASES THE USER IS RESPONSIBLE FOR DETERMINING WHETHER THE DELUXE MATERIALS LTD PRODUCT IS FIT FOR A PARTICULAR PURPOSE AND SUITABLE FOR USER'S METHOD OF USE OR APPLICATION. THE PRODUCT MAY PRESENT HAZARDS AND SHOULD BE USED WITH CAUTION. WHILE CERTAIN HAZARDS ARE DESCRIBED IN THIS PUBLICATION, NO GUARANTEE IS MADE THAT THESE ARE THE ONLY HAZARDS THAT EXIST.** Hazards, toxicity and behaviour of the products may differ when used with other materials and are dependent upon the manufacturing circumstances or other processes. It is essential that the user evaluate hazards, toxicity and behaviour and this information be made available to processors, handlers and end users.

Using this MSDS and/or the product constitutes your acceptance of this disclaimer..

This MSDS supersedes all previous MSDS's relating to the products, and users of it must ensure that it is the current issue. Destroy all previous MSDS.