MATERIAL SAFETY DATA SHEET

Date of Issue – 05/07/16
Revision – 1.0

PRODUCT IDENTIFICATION AND SUPPLIER

Name: DIAMOCOLOUR PIGMENTED TOPCOAT

PRODUCT CODE: 427

APPLICATION: 427 Diamocolour is an alkyd modified nitrocellulose air-drying lacquer. Diamocolour has been specifically formulated for spray application on industrially manufactured timber furniture. Formaldehyde free.

SUPPLIER: Superior Timber Coatings
13/257 Colchester Road
Kilsyth Vic 3137
Contact Details: 03 9761 6899

ROAD AND TRANSPORT CLASSIFICATION

UN No: 1263
Paint (including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)

D.G: 3

HAZCHEM: 3[Y]E

P.G: II

HAZARD IDENTIFICATION

Hazardous according to criteria of Safe Work Australia

Unit 13 / 257 Colchester Road, Kilsyth Victoria 3137 - Telephone: + 61 03 9761 6899 Facsimile: + 61 03 9761 6630

GHS CLASSIFICATION

Signal Word Danger

HAZARD CLASSIFICATIONS

Flammable Liquids	Category 2
Aspiration Hazard	Category 1
Acute Toxicity-Dermal	Category 4
Acute Toxicity- Inhalation	Category 4
Skin Corrosion/Irritation	Category 2
Eye Irritation	Category 2A
Specific Target Organ Toxicity (Single Exposure)	Category 3 Narcotic Effects

HAZARD STATEMENTS

H225 Highly flammable liquid and vapour
H302 Harmful if swallowed
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin
H315 Causes skin irritation.
H319 Causes serious eye damage
H332 Harmful if inhaled
H336 May cause drowsiness or dizziness.
H373 May cause damage to organs

.

PREVENTION PRECAUTIONARY STATEMENTS

P201 Obtain special instructions before use
P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking
P260 Do not breathe dust/fume/gas/mist/vapours/spray
P271 Use only outdoors or in a well-ventilated area
P281 Use personal protective equipment as required
P240 Ground/bond container and receiving equipment
P241 Use explosion-proof electrical/ventilating/lighting/intrinsically safe equipment
P242 Use only non-sparking tools

Unit 13 / 257 Colchester Road, Kilsyth Victoria 3137 - Telephone: + 61 03 9761 6899 Facsimile: + 61 03 9761 6630

P243 Take precautionary measures against static discharge
P270 Do not eat, drink or smoke when using this product
P272 Contaminated work clothing should not be allowed out of workplace
P273 Avoid release to the environment
P280 Wear protective gloves/protective clothing/eye protection/face protection

RESPONSE PRECAUTIONARY STATEMENT

P101	If medical advice is needed, have product container or label at hand
P304+340	If INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P312	Call a POISON CENTRE or doctor/physician if you feel unwell
P302+352	IF ON SKIN: Wash with soap and water
P303+361+353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P363	Wash contaminated clothing before reuse
P333+313	If skin irritation or a rash occurs: Get medical advice/attention
P370+378	In case of fire: Use alcohol resistant foam for extinction

STORAGE PRECAUTIONARY STATEMENTS

P405	Store locked up
P403+235	Store in a well ventilated place. Keep cool

POISONS SCHEDULE (AUST)

S5

PHYSICAL DATA

Appearance:	Milky pale yellow liquid
Odour:	Odour of Hydrocarbons
Specific Gravity:	0.90 – 1.00 Kg/lt
Percent volatile by volume:	60 – 70%
Solubility in water g/l:	None

FIRE AND EXPLOSION HAZARD DATA

Highly Flammable

Flash point (°C):	Below 0 Degrees C
Extinguishing Media:	Dry chemical, foam or CO2

FIRE AND EXPLOSION HAZARDS:

Unit 13 / 257 Colchester Road, Kilsyth Victoria 3137 - Telephone: + 61 03 9761 6899 Facsimile: + 61 03 9761 6630

Vapour is heavier than air, will accumulate in depressions and will form explosive mixtures with air. Vapour may travel a considerable distance to source of ignition. Vapours are very dangerous in enclosed spaces, which are poorly ventilated. Highly flammable, keep away from naked flame, spark or heat source.
Store cans away from oxidizing agents.
On combustion, may emit toxic fumes and acrid smoke.

REACTIVITY DATA

STABLE	**X**
UNSTABLE	

Materials to avoid: Strong oxidizing agents

Hazardous Decomposition Products: Carbon dioxide and monoxide.

HAZARDOUS POLYMERISATION: Will not occur

National occupational exposure limit:

None assigned for this product by Safe Work Australia. However the following list of raw materials may serve as a guide.

INGREDIENTS

Composition by weight %	1-10	10-30	30-60	>60	Balance	CAS RN	TWA PPM	STEL PPM
Non Hazardous Ingredients					X		Non hazardous	Non hazardous
n-butyl acetate	X					123-86-4	150	200
n- butanol	X					71-36-3	50	N/A
M.I.B.K.	X					108-10-1	50	75
M.E.K.	X					78-93-3	150	300
PGMA	X					108-65-6	50	100
Xylene		X				1330-20-7	100	150

HEALTH HAZARD AND TOXICOLOGY DATA

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and product label. Symptoms or effects that may arise if the product is mishandled or in the event of over exposure are as follows:-

Unit 13 / 257 Colchester Road, Kilsyth Victoria 3137 - Telephone: + 61 03 9761 6899 Facsimile: + 61 03 9761 6630

EFFECTS OF EXPOSURE

EYES: Highly irritant, which may lead to, pronounced inflammation and conjunctivitis. Damage to the cornea may result in permanent vision impairment if not treated promptly.

SKIN: May cause skin irritation after prolonged or repeated exposure, which may lead to contact dermatitis.

INHALATION: Mild irritation to upper respiratory tract may become more pronounced at elevated temperatures. More severe effects from inhalation of high concentrations of vapour include; pulmonary irritation, coughing, headache, nausea and central nervous system depression which can lead to loss of co-ordination, impaired judgement and if exposure is prolonged, unconsciousness. Pre-existing respiratory illness such as asthma, bronchitis or emphysema etc may be aggravated if inhaled.

INGESTION: Gastrointestinal irritation may cause nausea, pain and vomiting. Vomit entering the lungs by aspiration may cause potentially lethal chemical pneumonitis.

FIRST AID

EYES: Flush eyes with water for at least 15 minutes. Ensure irrigation under both eyelids is achieved. Transport patient to hospital or doctor immediately. Do not attempt to remove contact lenses, this should only be undertaken by skilled personnel.

SKIN: Remove contaminated clothing.
Wash affected areas thoroughly with soap and water. Do not wash with solvent. If irritation occurs seek medical attention.

INHALATION: Move patient to fresh air away from contamination source and remove contaminated clothing. Allow patient to assume most comfortable position and keep warm. If breathing is shallow or has stopped, ensure clear airway and apply resuscitation. Seek immediate medical attention.

Unit 13 / 257 Colchester Road, Kilsyth Victoria 3137 - Telephone: + 61 03 9761 6899 Facsimile: + 61 03 9761 6630

INGESTION: If swallowed do not induce vomiting. Wash mouth with water. Give water to drink to dilute stomach contents. If vomiting occurs, place victim's head downward, head lower than hips to prevent vomit entering lungs. Seek immediate medical attention.

SAFETY PROTECTION INFORMATION

ENGINEERING CONTROLS:

Use in a well-ventilated area, under normal conditions general exhaust is adequate. Spraying should be done in accordance to local state regulations. All electrical fittings and appliances including power outlets, lighting and exhaust extraction must be intrinsically safe and in accordance to class 1 zone 1 Australian Standards, this is also required where painted surfaces are drying as evaporating flammable solvents are given off for some time and may accumulate in enclosed areas. Keep containers closed when not in use. Do Not enter confined spaces where vapour may have collected.

PERSONAL PROTECTION

INHALATION: Wear an Australian Standard Approved respirator. The selection of class and type will be dependent on level of air-borne contaminant and chemical type. For general use with adequate ventilation, an organic vapour respirator is sufficient. In conditions where high levels of exposure to spray mist and vapour are present with poor ventilation, wear full-faced air supplied breathing apparatus.

EYES: Chemical goggles or safety glasses with side shields. Do not wear contact lenses as they absorb and concentrate irritants.

HANDS: Wear chemical resistant gloves such as rubber, PVC, nitrile or neoprene. Do not wash hands with solvent; use industrial hand cleansing cream or soap and water.

CLOTHING: Wear protective clothing that minimises the risk of skin contamination. Wear safety footwear.

TOXICITY DATA

No data listed for product however for individual raw materials as follows:

Unit 13 / 257 Colchester Road, Kilsyth Victoria 3137 - Telephone: + 61 03 9761 6899 Facsimile: + 61 03 9761 6630

n butyl acetate
Dermal (rabbit) LD50: >14080 mg/kg — Ref suppliers SDS
Inhalation (rat) LC50: 2000 ppm/4hr
Oral (rabbit): 7400 mg/kg
Oral (mouse) LD50: 14,000 mg/kg

n-butanol
Dermal (rabbit) LD50: 3400 mg/kg — Ref suppliers SDS
Inhalation (rat) LC50: 8000 ppm/4hr
Oral (rat) LD50: 800 mg/kg

MIBK
Dermal (rabbit) LD50: >10 ml/kg — Ref suppliers SDS
Inhalation (rat) LC50: 2000- 4000 ppm/4hr
Oral (rat) LD50: 2080 mg/kg

MEK
Dermal (rabbit) LD50: >2000 mg/kg — Ref suppliers SDS
Inhalation (rat) LC50: 34.5 mg/Lt/4hr
Oral (rat) LD50: >2000 mg/kg

PGMA
Dermal (rat) LD50: >5000 mg/kg — Ref suppliers SDS
Inhalation (rat) LC50: 4345 ppm/6hr
Oral (rat) LD50: 6190 mg/kg

XYLENE
Dermal LD50: >1000 mg/kg — Ref suppliers SDS
Inhalation LC50: >10mg/lt
Oral LD50: >2000 mg/kg

Germ cell mutagenicity: Not mutagenic

Carcinogenicity: Not expected to be carcinogenic

Reproductive and developmental Toxicity: Not a developmental toxicant
Does not impair fertility

Ecological Information

Avoid contaminating waterways.

Unit 13 / 257 Colchester Road, Kilsyth Victoria 3137 - Telephone: + 61 03 9761 6899 Facsimile: + 61 03 9761 6630

Acute aquatic Hazard:	No information available for product
Long-term aquatic Hazard:	No information available for product
Ecology Toxicity:	No information available for product
Persistence and degradability	No information available for product

Bio-accumulative potential: Based on individual raw materials, not expected to bio-accumulate

.

SPILL AND CLEAN UP PROCEDURES

Remove possible sources of ignition. Avoid breathing vapour and contact with skin and eyes. Wear appropriate safety equipment.

- Absorb all spills with a dangerous goods approved absorbent material such as sand, vermiculite etc. Place in an **Australian Standard Approved** flammable goods waste bin and add equal volume of water. Dispose of through an approved dangerous good waste management contractor.
  Do not permit spilled material to flow into sewer or natural waterway.

- Place 'all spray booth' dry waste including dirty rags, overspray dust, sweepings, paint film etc in an **Australian Standard Approved** flammable goods waste bin and add equal volume of water.

- Recycle all liquid waste including paint sludge and dirty thinners when possible, otherwise place in a suitable dangerous goods approved container and dispose of through an approved dangerous goods liquid waste contractor.

Unit 13 / 257 Colchester Road, Kilsyth Victoria 3137 - Telephone: + 61 03 9761 6899 Facsimile: + 61 03 9761 6630

DISPOSAL PRECAUTIONARY STATEMENTS

P501 Dispose of contents/container in accordance with local, regional and international regulations

DISPOSAL RECOMMENDATION:
Dispose of in accordance with local waste management regulations in an authorised landfill or consult local land waste Management Authority for disposal.
Recycle where possible; dispose of empty vented containers through a metal recycler or at an authorised landfill.

STORAGE AND TRANSPORT

Transport in accordance with Dangerous Goods Classification 3.
Store cans in a well-ventilated area away from sources of ignition such as, open flames, heat sources, electrical arc, etc. Store cans away from oxidising agents, foodstuffs and clothing. Keep containers closed securely when not in use. No smoking

CONTACT

Australian Poisons Information Centre: 13 11 26
Police, Fire brigade or Ambulance: 000
Superior Timber Coatings 03 9761 6899

Unit 13 / 257 Colchester Road, Kilsyth Victoria 3137 - Telephone: + 61 03 9761 6899 Facsimile: + 61 03 9761 6630

All advice, recommendations, information or service provided by Superior Timber Coatings in relation to product manufactured or supplied by it or their use and application is given in good faith and is believed by Superior Timber Coatings to be appropriate and reliable. This information may be subject to change without notice. No warranty expressed or implied is made as to its accuracy, completeness or otherwise provided that the foregoing shall not exclude, limit, restrict or modify the right entitlements and remedies conferred upon any person or the liabilities imposed upon STC by any condition or warranty implied by Commonwealth, State or Territory Act or ordinance void or prohibiting such exclusion limitation or modification. Superior Timber Coatings has no control on individual customer's application methods and or raw materials used and therefore can not be held responsible for product failure if recommended guidelines are not satisfied. Products are expected to perform as indicated provided the application procedures are adhered to.

Unit 13 / 257 Colchester Road, Kilsyth Victoria 3137 - Telephone: + 61 03 9761 6899 Facsimile: + 61 03 9761 6630