



Manufacturers of Industrial & Decorative Coatings

United Paints Limited
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MATERIAL SAFETY DATA SHEET

Manufacturers Name: United Paints
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Emergency Contact Numbers

National Poison & Hazardous Chemicals Information Centre (03) 474 0999
United Paints Limited – Director (Mr M.Davies) (03) 359 3528 Home
021 617 979 Mobile

MATERIAL SAFETY DATA SHEET

PRODUCT

DURASILK

DESCRIPTION:

Precatalysed Nitrocellulose Laquer

UN No: 1263
HAZCHEM: 3[Y]E

D.G: 3
P.G: II

PHYSICAL DATA

Appearance: Clear pale amber liquid
Odour: Odour of Lacquer Thinner
Specific Gravity: 0.86 – 0.92
Percent volatile by volume: Approximately 82%
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:

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 away from oxidizing agents. On combustion, may emit toxic fumes and acrid smoke.

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(03) 323 8743

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REACTIVITY DATA

STABLE

Materials to avoid:

Strong oxidizing agents

Hazardous Decomposition Products: Carbon dioxide and monoxide and oxides of nitrogen.

HAZARDOUS POLYMERISATION: Will not occur

INGREDIENTS

Composition by weight %	0-1	1-10	10-30	30-60	>60	CAS RN	TLV PPM
Alkyd Resin		X					
Amino Resin		X					
Plasticisers		X					
Inert Additives		X					
Nitro Cellulose		X					
Butyl Alcohol		X				71-36-3	50
Ethyl Alcohol			X			64-17-5	1,000
M.I.B.K.			X			108-10-1	100
M.E.K.		X				78-93-3	150
PGMA		X				108-65-6	100
Xylol				X		1330-20-7	100

HEALTH HAZARD DATA

Harmful by inhalation, in contact with skin and if swallowed.

EFFECTS OF EXPOSURE

EYES: Severe irritation, 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 judgment and if exposure is prolonged, unconsciousness. Preexisting 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.

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 regulations. Good ventilation is also required where painted furniture is drying as evaporating solvents are given off for some time.

PERSONAL PROTECTION

INHALATION: Wear a 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.

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

HANDS: Use barrier cream and 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. Note: Some barrier creams may be a source of contamination on timber surfaces.

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

STORAGE AND TRANSPORT

Transport in accordance with Dangerous Goods Classification 3.

Store in a well-ventilated area away from sources of ignition such as, open flames, heat sources, electrical arc, etc. Store away from oxidising agents, foodstuffs and clothing.

Keep containers closed securely when not in use. No smoking.

SPILL OR LEAK PROCEDURES

Remove possible sources of ignition. Avoid breathing vapour and contact with skin and eyes. Wear appropriate safety equipment. Absorb spill with inert material such as sand, vermiculite or other absorbent material (Sawdust etc. should not be used).

Do not permit spilled material to flow into sewer or natural waterway.

DISPOSAL

Consult local land waste Management Authority for disposal.

Incinerate residues at an approved site.

Recycle where possible; dispose of containers at an authorised landfill.

The above information concerns only the above mentioned product and is not valid with any other product(s). The information is provided to the best of our knowledge, correctly and completely, in good faith but without warranty. It remains the users responsibility to ensure the information is appropriate for their application of the product.