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MATERIAL SAFETY DATA SHEET

PRODUCT: Wilson Pruning Paint

SECTION 1 - PRODUCT INFORMATION

P.C.P. Act Registration No.: 25233

Code: 7 90624 0

Chemical Name: Acrylic modified alkyd

Synonyms: None

Chemical Family: Acrylic modified alkyd

Product Use: Protective seal for pruned, grafted or damaged roses, shrubs and trees.

TDG Classification: Regulated by Road/Rail/ Marine Transport: Limited Quantity

Fire Code Classification: Level I Aerosol

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	WEIGHT %	CAS REG #	LD50 (mg/Kg)	T.W.A. - T.L.V.
Ethylene Glycol Monobutyl Ether	3 - 7	111-76-2	Oral,rat 530	450 ppm (4 hr)
n-Butyl Alcohol	1 - 5	71-36-3	Oral,rat 790	8000 ppm (4 hr)
Secondary Butanol	1 - 5	78-92-2	Oral,rat 6480	16000 ppm (4 hr)
Carbon Black	0.1 - 1.0	1333-86-4	Oral,rat >10 000	-
Dimethyl Ether	30 - 60	115-10-6	Not Applicable	164000 ppm(4 hr)

SECTION 3 - PHYSICAL DATA

Physical State: Compressed liquid

Specific Gravity: 0.98 - 1.02

Boiling Point: 100 - 171 °C

Vapour Pressure: 55 - 65 mm Hg @ 20 °C

% Volatiles: Approx. 85 %

Solubility in Water: Insoluble

Appearance\Odour: Black coloured liquid

pH: 8.7 - 9.5

Freezing/Melting Point: No Data

Vapour Density: Greater than 1 (Air=1)

Evaporation Rate: No Data

SECTION 4 - FIRE AND EXPLOSION

Flame Extension: 15 - 45 cm

Lower Explosion Limit %: 1.1 %

Fire Extinguishing Media: Foam, Carbon Dioxide, Dry Chemical, Water Fog

Fire Fighting Procedures: Use water spray to cool fire exposed containers or structures. Use self-contained breathing apparatus and protective clothing.

Other Fire or Explosion Hazards: Container may explode during fire conditions, mechanical impact or when heated.

Autoignition Temperature: 245 to 406 °C

Upper Explosion Limit %: 18.0 %

SECTION 5 - REACTIVITY DATA

Stability: Stable

Hazardous Polymerization: Will Not Occur

Conditions to Avoid: Storage in hot unventilated areas. Excessive heat, sparks and open flame.

Incompatibility (Materials to Avoid): Strong oxidizing agents.

Hazardous Decomposition Products: Decomposition products are Carbon Oxides, hydrocarbon fumes.

Wilson Pruning Paint

SECTION 6 - HEALTH HAZARD DATA

Acute Effects of Overexposure: May cause temporary irritation to skin, eyes, nose, throat and respiratory tract. Ethylene Glycol Monbutyl Ether causes moderate irritation and possible corneal injury. May cause dizziness and nausea.

Effects of Chronic Exposure: Prolong and repeated exposure may lead to dermatitis. Ethylene Glycol Monbutyl Ether may cause red blood cell hemolysis and possible liver and kidney damage.

Other Health Effects: Propellant is a simple asphyxiant

SECTION 7 - FIRST AID PROCEDURES

Inhalation: Move victim to fresh air and restore breathing if required. Obtain medical advice if symptoms persist.

Skin Contact: Flush skin with running water and thoroughly wash with soap and water. If irritation persists seek Medical Attention.

Ingestion: Not likely to occur

Eye Contact: Flush eyes with running water for 20 minutes. Hold eyelids open during flushing. If irritation persists seek Medical Attention.

SECTION 8 - PREVENTIVE MEASURES

Respiratory Protection: None required for normal usage.

Eye Protection: Safety goggles optional.

Skin Protection: Chemical Resistant gloves.

Other Personal Protective Equipment: Coveralls.

Engineering Controls: Local exhaust or ventilation

Handling Procedures and Equipment: Avoid breathing vapours and mists, contact with eyes, skin and clothing. Wash thoroughly after use.

Storage Requirements: Store in cool, dry, ventilated area, Keep out of reach of children and pets.

Storage Temperature: Min: 5 °C Max: 40 °C

SECTION 9 - ENVIRONMENTAL PROTECTION DATA

Spill and Leak Procedures: Eliminate all ignition sources. Contain Liquid spill by diking and absorb with suitable absorbent and transfer into waste container for disposal. Clean area with detergent and water, absorb wash and place in waste container. Remove any contaminated soil for proper disposal.

Waste Disposal: Dispose of empty container in household garbage. Dispose of waste product in accordance with Local, Provincial or Federal government regulations.

Environmental Effects: Do not contaminate local water supplies or environments.

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Prepared by: Technical Department

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