

MATERIAL SAFETY DATA SHEET

SECTION 1: Material Identification

Material Name: JJ NC Sealer

Intended use : Industrial spraying finish coat for timber substrate

Manufacturer: Jubilant Agri & Consumer Products Ltd

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SECTION 2: Composition/Information on Ingredients

CAS #	Chemical Name	Percent	TLV	symbol
88917-12-0	Propylene glycol acetate	1-2%	Not established	
	acetone	10-25 %	Not established	Xn
95-47-6	xylene	10-25%	Not established	Xn
123-86-4	N Butyl acetate	1-10%	Not established	Xi
71-36-3	n-butanol	1-10%	Not established	Xn
108-88-3	Toluene	10-25%	Not established	Xn

SECTION 3: Hazards Identification

*** Emergency Overview ***

Highly Flammable

Harmful by inhalation

Colored liquid. Combustible. May cause eye, skin or respiratory irritation, dizziness, headache, nausea.

Effects of Short-Term Overexposure:

Eyes: Irritation

Skin: Irritation

Inhalation: Irritation, headache, dizziness, nausea

Ingestion: Irritation, nausea

Effects of Chronic Overexposure: ND

Material Exposure Limits: See Section 2 for information on ingredients.

Routes of Entry: Contact, inhalation, ingestion

Target Organs: Eyes, skin, respiratory system, nervous system

Additional Information: Not applicable

SECTION 4: First Aid Measures

Eyes: Immediately flush eyes with plenty of water. Seek medical attention if irritation persists.

Skin: Remove contaminated clothing. Wash with soap and water. Seek medical attention if necessary.

Inhalation: If exposed to excessive levels, remove to fresh air. Seek medical attention if necessary.

Ingestion: Rinse mouth if conscious. Seek medical attention if necessary.

SECTION 5: Fire Fighting Measures

Extinguishing Media: Alcohol resistant foam, carbon dioxide, dry chemical, water spray

Control Measures: Use self-contained breathing apparatus. Use water spray to cool containers.

Unusual Hazards: Closed containers may rupture or explode when exposed to extreme heat.

SECTION 6: Accidental Release Measures

Spills: Use personal protective equipment. Ventilate area. Contain spilled material and soak up with inert absorbent. Collect for disposal.

Releases to the air: Not applicable

SECTION 7: Handling and Storage

Handling: Vapors are heavier than air and may spread along floors. Avoid personal contact. Use with adequate ventilation.

Storage requirements: Observe label precaution. Keep container closed and upright. Do not store above 50 deg C

SECTION 8: Exposure Controls and Personal Protection

Protective equipment: *

Eyes: Safety glasses or chemical goggles

Skin: Impervious gloves should be worn to prevent prolonged or repeated skin contact

Respiratory: A NIOSH/MSHA approved air-purifying respirator if exposure limits exceeded

Ventilation: Good general ventilation should be sufficient to control airborne levels.

Use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits.

Additional information: None

*Protective equipment should be determined by conditions of exposure.

Occupational Exposure Limits – expressed as milligrams/cubic meter.				
Substance	V-vapor I- inhalable dust, R-respirable dust	8 hr TWA	10 min STEL	Notes
Toluene	V	188	560	
Xylene	V	435	650	
butanol	V	150	225	
N butyl acetate	V	710	950	
Inhalable dust	I	10		
Respirable dust	R	5		
Acetone	V	1780	3560	

SECTION 9: Physical and Chemical Properties

Appearance : liquid

Specific gravity (water = 1): 0.90-1.00

Melting/freezing point: ND

Low explosion limit : 0.8 %

VOC: <700 grams/liter

Vapor pressure: ND

Flash Point : Less than 21 deg C

Vapor density (air = 1): > 1.0

Evaporation rate (n-Butyl acetate = 1): < 1.0

pH: ND

Solubility in water: Immiscible with water

SECTION 10: Stability and Reactivity

Stability: Stable under recommended storage & handling

Keep away from oxidizing agents, alkali & acids.

Hazardous decomposition products: carbon monoxide, carbon dioxide & oxides of nitrogen

Unusual hazards: Not applicable

SECTION 11: Toxicological Information

No data available on product itself ,however :-

Exposure to organic vapors may result in adverse health effects on mucous membrane, respiratory system ,renal and central nervous systems. Symptoms include headache ,dizziness, fatigue, muscular weakness, drowsiness and in extreme cases loss of consciousness.

Repeated or prolonged contact may result in non-allergic contact dermatitis and absorption through skin.

SECTION 12: Ecological Information

Do not allow to enter drains or water courses.

SECTION 13: Disposal Procedures

Material and containers should be disposed in accordance with local, state and federal regulations.

Empty Container Warning: Empty containers retain residue (liquid and/or vapor) and can be dangerous. **Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, or other sources of ignition; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.** Do not attempt to clean since residue is difficult to remove. Empty containers should be completely drained and properly disposed of in an environmentally safe manner and in accordance with governmental regulations.

SECTION 14: Transportation Information

Not regulated by IATA

SECTION 15: Regulatory Information

Classified and labeled for supply as :

HEALTH : Xn Harmful

PHYSIO CHEMICAL : F Highly Flammable

R11 : Highly flammable

R 20 : Harmful by inhalation

S23 C : Do not breathe vapor or spray mist

S 16 : Keep away from source of ignition

S 29 : Do not empty in to drains

S42 : During spraying wear suitable respiratory equipment.

S43a: In case of fire use alcohol resistant foam, carbon dioxide, dry chemical, water spray

SECTION 16: Other Information

Do not use for purpose other than those shown in sec 1 without referring to supplier.

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