



D220 LIQUID NAIL SOLVENT

Safety Data Sheet

Rev01, 16 Jan 2019

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

PRODUCT NAME : D220 LIQUID NAIL SOLVENT
USE : Instructions Bonding
PRODUCT TYPE : Solvent Based Adhesive
CHEMICAL FAMILY : Synthetic Rubber Based Adhesive
SUPPLIER : Dunlop Adhesives (Thailand) Limited
ADDRESS : 700/242 Moo1 Bankao Sub-District, Panthong
District Chonburi Province 20160
CONTACT NUMBERS : Tel : (038) 465 661-2, Fax : (038) 465 663

2. HAZARDS IDENTIFICATION

This material is hazardous according to health criteria of Safe Work

Hazard Category:

Xi: Irritant

Risk Phrase(s):

R38: Irritating to skin.

R67: Vapours may cause drowsiness and dizziness.

Safety Phrase(s):

S23: Do not breathe vapour.

S24/25: Avoid contact with skin and eyes.

S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

S38: In case of insufficient ventilation, wear suitable respiratory equipment.

Poisons Schedule (Aust): S5

3. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL ENTITY	CAS NO.	PROPORTION
Solvent naphtha (petroleum), light aliphatic	64742-89-8	10-30%
Mixture of Hexane isomers (<5% n-Hexane)	-	10-30%
Ingredients determined to be non-hazardous	-	Balance 100%



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Safety Data Sheet

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4. FIRST AID MEASURES

Inhalation : Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If breathing laboured and patient cyanotic (blue), ensure airways are clear and have a qualified person give oxygen through a facemask. If breathing has stopped apply artificial respiration at once. In the event of cardiac arrest, apply external cardiac massage. Seek immediate medical advice.

Skin contact : For gross contamination, immediately drench with water and remove clothing. Continue to flush skin and hair with plenty of water (and soap if material is insoluble). For skin burns, cover with a clean, dry dressing until medical help is available. If blistering occurs, do NOT break blisters. If swelling, redness, blistering, or irritation occurs seek medical assistance.

Eye contact : If in eyes wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Ingestion : Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

Notes to physician : Treat symptomatically.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA	:	Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small
UNSUITABLE EXTINGUISHING MEDIA	:	Water in a jet
SPECIFIC HAZARDS	:	Hazardous combustion products may include carbon monoxide. The vapor is heavier than air, spreads along the ground and distant ignition is possible.
PROJECTION EQUIPMENT	:	Full protective clothing and self-contained breathing apparatus SCBA type. Mask pressure mode positive type.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTION WHEN SPILL	:	Avoid contact with skin and eyes. Ventilate Contaminated area thoroughly. Do not breathe vapor. Extinguish Naked flames. Remove ignition sources. No smoking. Avoid sparks. Evacuate the area of all non-essential personnel. Shut off leaks, if possible without personal risk.
PRECAUTIONS TO PROTECT ENVIRONMENT	:	Do not allow spillages to enter drains or watercourses.
SPILL CLEANUP METHODS	:	Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS	:	Handle in well ventilated areas. Avoid skin and eye contact. No smoking, drinking water and dine in chemical contaminate area. After usage ought a hands and face cleaning .Remove Full protective clothing and self- contained breathing apparatus are contaminate. Before do incumbency continues.
STORAGE PRECAUTIONS	:	Keep in cool, dry, ventilated storage and closed containers. Keep in original container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROL MEARURES PROTECTIVE EQUIPMENT VENTILATION	:	Use only in well ventilated areas.
RESPIRATORY PROTECTION	:	Provide adequate general and local exhaust ventilation. Wear mask protect chemical vapor get guarantee by Thai Industrial Standards Institute 2199-2547.
EYE PROTECTION	:	Wear safety glasses danger protective for avoid splashing chemical liquid/vapor.
HAND PROTECTION	:	Wear appropriate chemical resistance gloves and Permeability of chemicals



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PHYSICAL PROTECTION : Wear appropriate clothing to prevent any possibility of skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Solubility : Insoluble in water
Specific Gravity (20 °C) : 1.12
Vapour Pressure (20 °C) : 26.1 kPa*
Flash Point (°C) : <0
Flammability Limits (%) : LEL – 1.1; UEL – 7.4*
Autoignition Temperature (°C) : >200*
Melting Point/Range (°C) : N Av
Boiling Point/Range (°C) : 55-62*
pH : N App

10. STABILITY AND REACTIVITY

Chemical stability : This material is thermally stable when stored and used as directed.
Conditions to avoid : Elevated temperatures and sources of ignition.
Incompatible Materials : Oxidising agents.
Hazardous decomposition products : Oxides of carbon and nitrogen, smoke and other toxic fumes.
Hazardous reactions : No known hazardous reactions.

11. TOXICOLOGICAL INFORMATION

HEALTH WARNINGS : No specific health warnings noted.
SERIOUS EFFECT TO HEALTH OCCURS : Danger and toxin when eat.Irritate oppose to skin and eye severe.Cause danger to target organ (Central nervous, Kidney, Liver systems.)Irritate to inhalation or be giddy / be dizzy. Be able to die when at and breath

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION : Not regarded dangerous for the environment.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL : Recover or recycle if possible. Otherwise incineration.
PRODUCT DISPOSAL : Recover or recycle if possible. Otherwise incineration.
CONTAINER DISPOSAL : Drain container thoroughly. After draining, vent in a safe place away from sparks and fire. Send to drum recover



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LOCAL LEGISLATION : Comply with local regulations.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

UN No : 1133
Dangerous Goods Class : 3
Packing Group : III
Hazchem Code : •3Y
Emergency Response Guide No : 14
Proper Shipping Name : ADHESIVES
Segregation Dangerous Goods : Not to be loaded with explosives (Class 1), flammable gases (Class 2.1), if both are in bulk, toxic gases (Class 2.3), spontaneously combustible substances (Class 4.2), oxidising agents (Class 5.1), organic peroxides (Class 5.2) or radioactive substances (Class 7), however exemptions may apply.

MARINE TRANSPORT

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

UN No : 1133
Dangerous Goods Class : 3
Packing Group : III
Proper Shipping Name : ADHESIVES

AIR TRANSPORT

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN No : 1133
Dangerous Goods Class : 3
Packing Group : III
Proper Shipping Name : ADHESIVES

15. REGULATORY INFORMATION

Not classified



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16. OTHER INFORMATION

- SDS DISTRIBUTION** : The information in this document should be made available to all who may handle the product.
- DISCLAIMER** : This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.
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