

**1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY**

PRODUCT NAME : D210 LIQUID NAIL ACRYLIC
USE : Construction Industry
PRODUCT TYPE : Liquid Nail Acrylic
CHEMICAL FAMILY : Acrylic Dispersion
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. HAZARDOUS IDENTIFICATION

Hazardous Substance Classification : Not classified as hazardous to health according to the criteria of the National occupational Health and Safety Commission.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS. NO.</u>	<u>% BY WT</u>
Water	7732-18-5	15 – 25
Other Chemicals	–	55 - 60

4. FISRT AID MEASURES

Skin : Wash Skin with plenty of water.
Eyes : Flush eyes thoroughly with water for several minutes. If effects occur, consult a physician preferably an ophthalmologist.
Inhalation : Move person to fresh air, if effects occur, consult a physician.

5. FIRE FIGHTING MEASURES

Extinguishing Media : Foam, water, carbon dioxide, dry chemical.
Hazardous combustion products : Under fire conditions some components of this product may decompose. The smoke may contain unidentified toxic and/or irritating compounds. Combustion products may include and are not limited to Carbon dioxide. Carbon monoxide. Dense smoke. Organic compound.



Protection Equipment : Wear positive-pressure self-containing breathing apparatus and protect fire fighting clothing (include fire fighting helmet, coat, trousers, boots and gloves). If protective equipment is available or not used, fight fire from a protected location or safe distance.

6. ACCIDENTAL RELEASE MEASURES

Spill cleanup method : Recover spilled material if possible. If unable to recover, then proceed with appropriate cleanup methods. Absorb with material such as: clay, sand, sawdust, vermiculite. Collect in suitable and properly labeled container. Water may be needed for final cleaning of affected area. Wash water should be disposed of in accordance with local regulation.

Precaution to protect environment : Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

Personal precaution : Avoid contact with skin and eyes. Ventilate contamination area thoroughly. Evacuate the area of all non-essential personnel. Shut off leaks, if possible without personal risk.

7. HANDLING AND STORAGE

General handling : Avoid prolonged or repeated contact with skin.

Storage : Store between 4 and 40°C under shade, direct sunlight must be avoided.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits : None established

Engineering control measures : Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.

Protective Equipment : Use safety glasses, body-covering clothing, respiratory protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance / Color	:	White
Total Solid Content	:	80 %
Solubility in Water	:	Soluble
Specific Gravity	:	1.62

10. STABILITY AND REACTIVITY

Stability / Instability	:	
Condition to avoid	:	Can coagulation if frozen. The dry resin is combustible.
Hazardous polymerization	:	Will not occur.
Thermal decomposition	:	Decomposition products depend on temperature, air supply and the pressure of other materials.

11. TOXICOLOGICAL INFORMATION

Ingestion	:	very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts. LD50, Rat > 5,000 mg/kg.
Eyes contact	:	May cause slight temporary irritation. Corneal injury is unlikely.
Skin Contact	:	Brief contact is essentially non-irritating to skin. Prolonged contact may cause slight skin irritation with local redness. Latex may stick to skin causing irritation upon removal.
Skin Absorption	:	Prolonged skin contact is unlikely to result in absorption of harmful amounts. LD50, Rat > 2,000 mg/ kg.
Inhalation	:	No adverse effects are anticipated from single exposure to vapor. Mist may cause irritation of upper respiratory tract (nose and throat).

12. ECOLOGICAL INFORMATION

Movement and partitioning	:	No Bio concentration of the polymeric component is expected because of its high molecular weight. Latex dispersion will color water a milky white.
Persistence and degradability	:	The polymeric component is not expected to be biodegradable.



ECOTOXICITY

Based largely on completely on information for similar material(s). Material is not classified as dangerous to aquatic organisms (LC50,/ EC50 / IC50 greater than 100 m/l is most sensitive species).

13. DISPOSAL CONSIDERATION

Do not dump into any sewers, on the ground, or into any body of water. Any disposal practice must be in compliance with all local and national laws and regulations.

14. TRANSPORT INFORMATION

ADG	:	Not regulated
IMDG	:	Not regulated
ICAO / IATA	:	Not regulated
HS Code	:	35069190 (Adhesives Latex)

15. REGULATORY INFORMATION

Classification and User Label Information

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.