

**MATERIAL SAFETY DATA SHEET**

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P-636 "KOYANAILS"

Revised edition no : 01

CONSTRUCTION ADHESIVE

Effective Date: 15-7-2014

1 Identification of the Product and the company

Chemical Name : "KOYANAILS" Construction Adhesive
Type of product chemical family : N/A
Producer : TLC-KOYA CHEMICALS MANUFACTURING SDN BHD
No.22 & 23, Jalan Maju 1,
Cemerlang Industrial Estate,
81800 Ulu Tiram, Johor, Malaysia.
Tel: 607-8675798 Fax: 607-8675799
Website: www.koyachemicals.com Email: admin@koyachemicals.com

Emergency phone nr : See producer

2 Composition / Hazardous Components

<u>Chemical Name</u>	<u>Cas No</u>	<u>%</u>
Synthetic Rubber		10 - 20%
Hexane	64742-49-0	20 - 35%
Resin		20 - 30%
Fillers		30 - 50%
Additives		1 - 10%

3 Hazards Identification

Skin Contact : Uncured product contact may irritates skin, lips, gums and tongue
Eye Contact : Uncured product contact may irritate to eye.
Inhalation : Harmful
Ingestion : High vapour concentrations may cause irritation, headache and dizziness.

4 First-Aid Measures

Skin Contact : Wipe with towel/cloth/paper and immediately clean with water and soap.
Remove grossly contaminated clothing, including shoes and launder before use.

Eye Contact : Flush eyes with large amount of water. Seek medical advice if necessary.

Ingestion : If swallowed do not include vomiting, immediately rinse mouth with water.
Seek medical advice immediately.

5 Fire Fighting Measures

Flammability : Highly flammable
Suitable extinguishing media : Foam, dry agent (carbon dioxide, dry chemical powder).
Hazardous decomposition : Oxides of carbon, light flammable hydrocarbons, smoke and fumes.

6 Accidental Release Measures

Methods for cleaning up : Take up immediately, shut off all possible sources of ignition, wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. If contamination of sewers or waterways has occurred advise local emergency services.

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7 Handling and Storage

Handling : Ensure good ventilation; avoid skin and eye contact and inhalation of vapour.
Storage : Keep container tightly close, store in a cool, dry, well-ventilated place and out of direct sunlight.

8 Exposure Control / Personal Protection

Ingredients with limited values to be controlled : n-Hexane : TWA 50ppm
Hand protection : Suitable protective gloves
Eye protection : Safety protective glasses with side-shields
General ventilation : Recommended

9 Physical and Chemical Properties

Form : paste
Specific Gravity : 1.13 +/- 0.05 g/cm³
Colour : Beige
Odour : Light solvent smell
Viscosity : 80,000 cps to 200,000 cps @ 25°C
Solubility in water : Not soluble in water
Boiling Point : 62 - 68°C
Flash point : < 0°C
Ignition temperature : > 200°C (values for Hexane, mixtures isomers)

10 Stability and Reactivity

Chemical stability : Stable
Dangerous products of decomposition: Oxides of carbon and nitrogen, smokes and other fumes
Incompatibility material : Strong oxidizing agents, acid
Condition to be avoid : Source of ignition
Dangerous Reaction : Combustion

11 Toxicological Information

Acute toxicity : Harmful
Skin Contact : Irritant for skin
Eye Contact : Will cause eye discomfort, irritant effect.
Ingestion : Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.
Inhalation : Material may be irritant to mucous membranes and respiratory tract.

12 Ecological Information

Complete information not yet available.
Avoid contaminating waterways.

13 Disposal Considerations

Shut off all possible sources of ignition.
With respect to local regulation, dispose of suitable incineration plant.

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14 Transport Information

Proper shipping name : Argolbond construction sealant.
Containing flammable liquid

Risk phrases : R11 Highly flammable
R20 Harmful by inhalation
R21 Harmful in contact with skin
R22 Harmful if swallowed
R48 Danger of serious damage to health by prolonged exposure.

Safety phrases : S9 Keep container in a well ventilated place.
S16 Keep away from sources of ignition- No Smoking.
S24/25 Avoid contact with skin and eyes.
S29 Do not empty into drains.
S51 Use only in well ventilated areas.

15 Regulatory Information

Complete information not yet available.

16

Further information : None
Print date : 15-7-2014

N/A - Not Applicable N/D - Not Determined

All recommendations for the use of our products, whether given by us in writing, orally, or to be implied from data or test results obtained by us, are based on the current state of our knowledge at the time such recommendations are made. When additional information is obtained, these recommendations may be updated. They may also be influenced by circumstances outside our control. Notwithstanding such recommendations, the user is responsible to determine that the product as supplied by us, is suitable for the process or purpose he intends to use it. The user of the product is solely for compliance with all laws and regulation applying to the use of the product. Since we cannot control the application, use or processing of the products, we do not accept responsibility therefore. The user shall ensure that the intended use of the products will not infringe in any party's intellectual property rights.