
SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: PROSEAL 111 - ELASTOBOND

Recommended Use: Bonding and sealing of most construction joints.

Packaging type: 100g & 250g NET pouch ; 490g & 980g NET can

Supplier: TAN NAM DO Trading Company Ltd
14 Tran Thien Chanh St.,
District 10, Ho Chi Minh City, Vietnam
Telephone Number : +848 38 622 968
Fax Number : +848 38 622 969
E-mail : info@tndcompany.com
Website : www.tannamdo.com

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

GHS Classification:	Flammable Liquid	Category 3
	Acute Toxicity	
	Oral	Category 4
	Dermal	Category 4
	Inhalation	Category 4
	Skin Corrosion/Irritation:	Category 3
	Sensitization – Skin:	Category 1
	Reproductive Toxicity:	Category 2
	STOT – Single Exposure:	Category 3
	STOT – Repeated Exposure:	Category 2
	Aspiration Hazard:	Category 1

Hazard Symbol/ Signal Word:



WARNING!

Hazard Statement:

Flammable liquid and vapor.
Harmful if swallowed.
Harmful in contact with skin.
Harmful if inhaled.
Causes skin irritation.
May cause an allergic skin reaction.
Suspected of damaging the unborn child.
May cause drowsiness or dizziness.
May cause damage to organs through prolonged or repeated exposure.
May be fatal if swallowed and enter airways.

Precautionary Statement:

Prevention:

Keep away from heat/sparks/open flame/hot surfaces. – No smoking.
 Keep container tightly closed.
 Do not breathe fume/gas/vapors.
 Contaminated work clothing should not be allowed out of the workplace.
 Wear protective gloves/clothing eye/face protection.
 Use personal protective equipment as required.

Response:

IF SWALLOWED: Immediately call a doctor/physician.
 IF ON SKIN: Wash with plenty of soap and water.
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 IF exposed or concerned: Get medical attention.
 If skin irritation or rash occurs: Get medical attention.

SECTION 3: HAZARDS IDENTIFICATION

List of Dangerous components CAS Number	Chemical Identity	Concentration (%)
108-88-3	methylbenzene	<10.0
1330-20-7	dimethylbenzene	<10.0
141-78-6	ethyl acetate	<2.0
4420-74-0	mercaptopropyltrimethoxysilane	<0.50

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

SECTION 4: FIRST AID MEASURES

Eye:	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
Skin:	Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention.
Inhalation:	Removed to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion:	Aspiration hazard. If swallowed, do not induce vomiting. If vomiting occurs spontaneously, head below hips to prevent aspiration into lungs. Never give anything by mouth to an unconscious person. Call a physician immediately.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point:	60°C Closed Cup.
Autoignition temperature:	Not available
Extinguishing Media:	Water spray, foam, dry chemical or carbon dioxide.
Special Fire fighting Procedure:	Fire fighters should wear self-contained breathing apparatus.
Unusual Fire/Explosion Hazards:	Above flash point, vapor-air mixtures are explosive within flammable limits noted in section 9. Vapors can flow along surfaces to distant ignition source and flash back. Contact with strong oxidizers may cause fire. Sealed containers may rupture when heated. Sensitive to static discharge

Hazardous thermal

Decomposition Products: This material may produce a floating fire hazard.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Ventilate area of leak or spill. Remove all sources of ignition.
 Wear appropriate personal protective equipment as specified in Section 8.
 Isolate hazard area. Keep unnecessary and unprotected personnel from entering.
 Contain and recover liquid when possible. Use non-sparking tools and equipment.

Collect liquid in an appropriate container or absorb with an inert material (dry sand, earth), and place in a chemical waste container.

Do not use combustible materials, such as saw dust.

Do not flush to sewer. If a leak or spill has not ignited, use water spray to disperse the vapors, to protect personnel attempting to stop leak, and to flush spills away from exposures.

SECTION 7: HANDLING AND STORAGE

Store in a well-ventilated place. Keep cool.

Keep container tightly closed.

Store locked up.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye/Face Protection: Safety goggles/glasses suitable for use with chemicals.

Respiratory Protection: Always use appropriate Filter Mask/respirator (NIOSH/MSHA Approved).

Skin Protection: Nitrile/polyethylene gloves, coveralls, avoid cotton products.

Ventilation: Good general or local exhaust ventilation is required for usage.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Form: Paste

Color: Gray

Odor: Solvent-like

Odor Threshold: Not available

Boiling Point: Not available

Melting Point: Not available

Flash Point: 600C

Evaporation Rate: Not available

Flammability: 84°C

Explosion Limits: Not available

Oxidizing Properties: Not available

Vapor Pressure: Not available

Vapor Density: Not available

Relative Density: 1.28-1.33

Volatile Organic Compound: 16.30%

Solubility in Water: Not miscible

Partition Coefficient: Not available

Auto-ignition Temperature: Not available

Decomposition Temperature: Not available

Viscosity: Thixotropic

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under ordinary conditions of use and storage.

Hazard Polymerization: Will not occur.

Incompatibility: Concentrated nitric acid and sulfuric acid mixtures, oxidizing materials, chloroform, alkalis, chlorine compounds, acids, potassium t-butoxide.

Hazardous Decomposition Products: Carbon dioxide and carbon monoxide may form when heated to decomposition.

Conditions to Avoid: Heat, flames, ignition sources and incompatibles.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity: No data available on the product itself.

Methyl Benzene:

Oral: LD50(rat): 5,000 mg/Kg

Dermal: LD50(rabbit): 12,124 mg/Kg

Inhalation: LC50 (mouse)4H: 5,320 mg/L

Dimethyl Benzene:

Oral: LD50(rat): 5,000 mg/Kg

Dermal: LD50(rabbit): 14,100 mg/Kg

Ethyl Acetate:

Oral: LD50(rat): 5,620 mg/Kg

<i>Inhalation:</i>	LC50 (rat)4H: 1,600 mg/L
Mercaptopropyltrimethoxysilane:	
<i>Oral:</i>	LD50(rat): 636 mg/Kg
<i>Dermal:</i>	LD50(rabbit): 12,124 mg/Kg
Corrosivity/Irritation:	Irritating to skin.
STOT – Single Exposure:	Single exposure may cause drowsiness or dizziness.
STOT – Repeated Exposure:	Repeated exposure may cause damage to organs.
Mutagenicity:	No adverse results reported.
Carcinogenicity:	No adverse results reported.
Reproductive Toxicity:	Possible risk of harm to the unborn child.

SECTION 12: ECOLOGICAL INFORMATION

No available data on the product itself.

SECTION 13: DISPOSAL CONSIDERATIONS

Must not be disposed together with household garbage.
Do not discharge into drains or watercourses.
Disposal must be made according to official regulations.

SECTION 14: TRANSPORT INFORMATION

IATA-DGR	UN 1133 Adhesive Containing Flammable Liquid, Class 3, Packing Group III
IMDG	UN 1133 Adhesive Containing Flammable Liquid, Class 3, Packing Group III

SECTION 15: REGULATORY INFORMATION

Chemical Inventory:

PICCS (Philippines):	Listed
EINECS (EU):	Listed
KECI (KR):	Listed
TSCA (US):	Listed
DSL (CN):	Listed
ENCS (JP):	Listed

SECTION 16: OTHER INFORMATION

The information contained in this MSDS is based on our present knowledge. It was obtained from a variety of sources and is believed to be accurate and current at the stated version date. This data is provided without warranty for the use of this information, application or processing described in this MSDS. Users should note the possibility of hazards occurring due to improper use of the product.

Department issuing MSDS: *Research and Development Department*

Contact: *Marketing Department*

ABBREVIATIONS AND ACRONYMS:

PICCS – PHILIPPINE INVENTORY OF CHEMICALS AND CHEMICAL SUBSTANCES
EINECS – EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES
KECI – KOREAN EXISTING CHEMICALS LIST
TSCA – TOXIC SUBSTANCES CONTROL ACT
DSL – DOMESTIC SUBSTANCES LIST
ENCS – JAPANESE EXISTING AND NEW CHEMICALS SUBSTANCES