



# SAFETY DATA SHEETS



### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/ UNDERTAKING

#### PRODUCT INFORMATION:

Brand Identity: Penta Paint  
Product Name: Thinner 789

Product Class: Industrial Solvent  
Physical Form: Liquid

#### COMPANY/UNDERTAKING IDENTIFICATION:

ANSA MCAL INDUSTRIAL PARK, 51-59 TUMPUNA  
ROAD SOUTH, GUANAPO, ARIMA, TRINIDAD, W.I.  
TEL (868) 665-5721-3/4913/5829/8046/1991, 671-2722/3245  
FAX (868) 665-1577  
TRINIDAD

EMERGENCY TELEPHONE  
NUMBER (WITH HOURS OF  
OPERATION):

TEL : 868) 665-5721-3/4913/5829/8046/1991, 671- 2722/3245  
FAX: (868) 665-1577

#### PRODUCT INFORMATION

[www.ansacoatings.com](http://www.ansacoatings.com)

### 2. HAZARDS IDENTIFICATION

#### HAZARD STATEMENTS



Highly flammable liquid and vapor  
May cause drowsiness or dizziness  
Causes damage to organs through  
prolonged or repeated exposure  
Toxic to aquatic life with long lasting  
effects

#### ROUTES OF EXPOSURE

INHALATION of vapor or Spray Mist  
EYE or SKIN contact with the  
product, vapor or spray mist.  
INGESTION of product

#### EFFECTS OF OVEREXPOSURE

EYES: Irritation.  
SKIN: Prolonged or repeated  
exposure may cause  
irritation. Irritation of the  
upper respiratory system.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Redness and itching or burning  
sensation may indicate eye or excessive  
skin eye or excessive skin exposure.  
None generally recognized.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	(w/w %)
Xylene	1330-20-7	50
Isobutanol	78-83-1	50

#### 4. FIRST AID MEASURES

**EYES:** Flush eyes with large amounts of water for 15 minutes. Get medical attention.  
**SKIN:** Wash affected area thoroughly with soap and water.  
**INHALATION:** If affected, remove from exposure. Restore breathing. Keep warm and quiet.  
**INGESTION:** Do not induce vomiting. Get medical attention immediately.

#### 5. FIRE-FIGHTING MEASURES

Flash Point	LEL	UEL	Flammability Classification
25 °C (Tagliabue closed cup)	1.0%	7.0%	3
	Carbon Dioxide, Dry Chemical	Alcohol Foam	

**MEDIA UNUSUAL FIRE AND EXPLOSION HAZARDS** Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

**SPECIAL FIRE FIGHTING PROCEDURES** Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible auto ignition or explosion when exposed to extreme heat.

**HAZARDS FROM THE SUBSTANCE OR MIXTURE** If heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain. Decomposition products may include the following materials: carbon oxides metal oxide/oxides

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Evacuate area and keep unnecessary and unprotected personnel from entering the spill area. Use proper personal protective equipment as listed in Section 8.

**Environmental Precautions:** Avoid runoff into storm sewers, ditches, and waterways. Methods for containment: Contain spills with an inert absorbent material such as soil or sand. Prevent from spreading by covering, diking or other means. Provide ventilation.

**Methods for cleanup** Clean up spills immediately observing precautions in the protective equipment section. Place into a suitable container for disposal. Provide ventilation. After removal, flush spill area with soap and water to remove trace residue.

#### 7. HANDLING AND STORAGE

**Handling:** Use in well-ventilated areas. Avoid breathing vapor and contact with eyes, skin and clothing. Keep away from excessive heat and open flames.

**Storage:** Store in a cool, dry, well ventilated area away from sources of heat, combustible materials, and incompatible substances. Keep container tightly closed when not in use. Keep out of reach of children

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protection

Engineering Controls

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation

Respiratory Protection

A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or in any other circumstances where air purifying respirators may not provide adequate protection.

Skin Protection

Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection

Eye Protection

Use safety eyewear designed to protect against splash of liquids

Other Protective Equipment

Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications

Hygienic Practices

Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse



## 9. PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity	0.863 kg/L
Boiling Point Range	137°C -143°C
Melting Point	Not Available
Flash Point	< 21 °C
Volatile Volume	100%
Evaporation Rate	Slower than Ether
Vapour Density	Heavier than air
Solubility in Water	Insoluble

## 10. STABILITY AND REACTIVITY

Chemical stability:	Stable under normal temperatures and pressures.
Incompatibility:	Oxidizing agents. Strong acids and alkalis.
Condition to avoid:	Avoid heat. Avoid all possible sources of ignition
Dangerous products of decomposition:	By open flame, carbon monoxide and carbon dioxide. When heated to decomposition, it emits irritating fumes. Contains solvents which may form carbon monoxide, carbon dioxide, and metallic oxides.



**11. TOXICOLOGICAL INFORMATION**

Acute Toxicity	Not determined
Effect On Eyes	Irritation of eyes. Prolonged or repeated contact may cause conjunctivitis, tearing of eyes, and redness of eyes.
Effect On Skin	Irritation of skin. Prolonged or repeated contact can cause dermatitis, defatting. Possible sensitization to skin. Skin contact may result in dermal absorption of component(s) of this product which may cause headache, nausea, central nervous system depression
Effect On Lungs	Irritation of respiratory tract. Prolonged inhalation may lead to mucous membrane irritation, dizziness and/or light-headedness, headache, nausea, coughing, sneezing, central nervous system depression, kidney damage.
Effect On Stomach	Ingestion may cause dizziness and /or light headedness, headache, vomiting, gastro-intestinal disturbances, severe abdominal pain, apathy, central nervous system depression, respiratory problems, intoxication, kidney damage, pulmonary edema, loss of consciousness, acute poisoning, respiratory failure, cardiac failure and brain damage

**12. ECOLOGICAL INFORMATION**

General Note:	There is no data available on the products but contains ingredients known to have toxic and very toxic effects to the environment and even with long lasting effects. Do not allow undiluted product or large quantities of products to reach ground water, water courses or sewage systems.
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**13. DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL METHOD**

If product is acid-catalysed, any overspray dust produced during the coating process (for example, in spray booths) MUST be thoroughly damped with water prior to disposal, to prevent the possibility of spontaneous combustion. Dispose of waste and residues in accordance with local authority requirements.

**14. TRANSPORT INFORMATION**

**14.1 Land Transport (ADR/RID)**

ADR/RID Class:	Flammable liquid
Danger Code (Kemler):	30
UN number:	1263
Packaging Group:	III
Hazard label:	3



**14.2 Maritime Transport (IMDG)**

IMDG class: 3	3
Hazard Label: 3	3
UN Number 1866	1263
Packaging Label:	III
EMS number:	3-05
Maritime Pollutant	No

**14.3 Air Transport (ICAO-TI and IATA-DGR)**

ICAO-TI/IATA-DGR:	3
UN Number:	1263
Hazard Label:	3
Packaging Group:	III
Proper Shipping Name:	Paint Related Material

**15. REGULATORY INFORMATION**

**Risk Phrases:**



R11 Highly Flammable  
 R20/21/22 Harmful by inhalation, in contact with skin and if swallowed  
 R66 Repeated exposure may cause skin dryness or cracking  
 R67 Vapours may cause drowsiness and dizziness

**Safety Phrases:**

S9 Keep container in a well-ventilated place.  
 S16 Keep away from sources of ignition - No smoking.  
 S23 Do not breathe vapour/spray.  
 S25 Avoid contact with eyes.  
 S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 S36/37 Wear suitable protective clothing and gloves  
 S38 In case of insufficient ventilation, wear suitable respiratory equipment.  
 S43 In case of fire, use alcohol-resistant foam, carbon dioxide or dry powder. Never use water.  
 S60 This material and its container must be disposed of as hazardous waste.  
 S1/2 Keep locked up and out of reach of children.  
 S27/28 Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water.  
 S29/35 Do not empty into drains. This material and its container must be disposed of in a safe way.

**16. OTHER INFORMATION**

In case of any discomfort always seek medical advice

SDS Creation July 27<sup>th</sup>, 2018  
 Date: SDS December 1<sup>st</sup>, 2021  
 Revision Date:  
 SDS Author: ANSA Coatings Limited

Revision No.  
1

**Disclaimer:**

This Health and Safety Information is correct to the best of our knowledge and belief at the date of its publication but we cannot accept liability for any loss, injury or damage which may result from its use. We shall ensure, so far as is reasonably practicable, that any revision of this Data Sheet is sent to all customers to whom we have directly supplied this substance, but must point out that it is the responsibility of any intermediate supplier to ensure that such revision is passed to the ultimate user.

The information given in the Data Sheet is designed only as guidance for safe handling, storage and the use of the substance. It is not a specification nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment. Should further information be required, this can be obtained through the sales office whose address is at the top of this data sheet.



# SAFETY DATA SHEETS

**This an evolving document and will be updated periodically as new products become available. For further support, please contact our corporate office:**

ANSA Coatings Limited (Head Office)

Address: ANSA McAL Industrial Park,  
#51-59 Tumpuna Road, Guanapo, Arima, Trinidad.

