



# MATERIAL SAFETY DATA SHEET

Pattex Contact Adhesive Standard

## COMPANY DETAILS

PRODUCT NAME : PATTEX CONTACT ADHESIVE STANDARD  
PRODUCT TYPE : SOLVENT BASED ADHESIVE  
MADE IN : UNITED ARAB EMIRATES.  
MANUFACTURED BY : XCHEM INTERNATIONAL LLC  
INDUSTRIAL PLOT # WIZ -08 ( 23, 25 )  
RAKIA - RAS AL KHAIMAH  
UNITED ARAB EMIRATES

## HAZARDOUS IDENTIFICATION

### EMERGENCY OVERVIEW

Can cause eye irritation.  
Can cause skin irritation.  
Moderate respiratory tract irritant.  
Harmful if swallowed.

### HMIS RATING:

HEALTH - 2  
 FLAMMABILITY - 4  
 REACTIVITY -- 0

## HEALTH EFFECTS BY ROUTE OF ENTRY

**EYE:** Can cause irritation.

**SKIN:** Can cause skin irritation.

**INHALATION:** Can cause moderate respiratory irritation. Inhalation of dusts produced during cutting, grinding or sanding of this product may cause irritation of the respiratory tract. Inhalation of vapours may cause loss of feeling and weakness in the hands and feet and loss of manual dexterity. Inhalation of high concentrations may result in central nervous system (CNS) effects such as dizziness, weakness, fatigue, nausea, headache, and lack of coordination.

**INGESTION:** Ingestion is not an anticipated route of exposure. Harmful if swallowed Irritating to mouth, throat, and stomach.

## COMPOSITION / INGREDIENTS INFORMATION

Component	CAS Number
Rubber	91261-65-3
Resin	64742-16-1
n - Hexane	110-53-3
Solvents	1330-20-7

## FIRST AID MEASURES

**Inhalation:** If inhaled, immediately take the affected person to fresh air. Give sufficient give oxygen. If not breathing, give artificial respiration. Get medical attention, if symptoms develop.

**Skin contact:** Rinse with running water and soap. Remove all contaminated clothing.

**Eye contact:** In case of contact with the eyes, rinse immediately with plenty of water , and seek immediate medical attention.

**Ingestion:** Do not induce vomiting, seek medical advice immediately.

**MATERIAL SAFETY DATA SHEET****FIRE FIGHTING MEASURES**

<b>Auto ignition temperature:</b>	Not available
<b>Flammable/Explosive limits - lower:</b>	Not Available
<b>Flammable/Explosive limits - upper:</b>	Not Available
<b>Extinguishing media:</b>	Use water spray, foam, dry chemical or carbon dioxide.
<b>Special fire fighting procedures:</b>	Person exposed to combustion should wear self – contained breathing apparatus and full protective equipment
<b>Unusual fire or explosion hazards:</b>	Closed containers may explode when exposed to extreme heat. Vapours may form explosive mixtures with air. Vapours are heavier than air and may travel along floor to an ignition source.
<b>Hazardous combustion products:</b>	Carbon dioxide. Carbon Monoxide.

**HANDLING AND STORAGE**

<b>Handling</b>	Avoid contact with skin and eyes. Application, processing: Provide good ventilation or extraction. Keep away from heat, sparks and flame Wash thoroughly after handling Keep the container closed Do not cut or weld on or near this container
<b>Storage</b>	Store in a cool, dry & ventilated location. Keep away from heat, sparks, flame and other Source of ignition. Keep container closed

**ACCIDENTAL RELEASE MEASURES**

<b>Special Protection:</b>	Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Evaporation of volatile substances can lead to the displacement of air creating an environment that can cause asphyxiation.
<b>Clean up</b>	Dike if necessary, contain spill with inert absorbent and transfer to containers for disposal. Keep spilled product out of sewers, watersheds, or water systems. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area.

**EXPOSURE CONTROL AND PERSONEL SAFETY**

<b>Eye protection</b>	Wear safety glasses when handling this product.
<b>Skin Protection</b>	Avoid skin contact by wearing chemically resistant gloves. Skin absorption may potentially contribute to the overall exposure to this material. Appropriate measures should be taken to prevent absorption so that the TLV is not invalidated.
<b>Gloves</b>	Nitrile
<b>Respiratory Protection</b>	Respiratory protection may be required to avoid overexposure when handling this product. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. NIOSH approved air purifying respirator with organic vapor cartridge. Respirators should be selected by and used following requirements found in OSHA's respirator standard (29 CFR 1910.134).
<b>Ventilation</b>	Use local exhaust ventilation or other engineering controls to minimize exposures.

**MATERIAL SAFETY DATA SHEET****Exposure Limits**

Chemical Name	ACGIH Exposure Limit	OSHA
n- Hexane	50 ppm TWA	500 ppm TWA, 1800 mg/ m3 TWA
Solvents	54 ppm TWA	635 ppm TWA , NA

**PHYSICAL AND CHEMICAL DATA****Physical State**

Form :	Liquid
Colour :	Yellow Colour
Odour :	Solvent
Odour Threshold	NA
Specific Gravity	.86
Solid ( % )	39

**Information on basic physical and chemical properties**

pH	NA
Melting point/range	NA
Boiling point/range	NA
Flash point	Below 0
Ignition temperature	NA

**STABILITY AND REACTIVITY**

Stability	Stable under normal conditions.
Chemical Incompatibility :	Strong oxidizing agents
Hazardous Polymerization :	Will not occur.
Hazardous Decomposition Products :	Carbon monoxide, carbon dioxide Chlorine containing gases

**TOXOLOGICAL INFORMATION**

Component	LD 50 / LC 50
Hexane	Oral LD 50 , Rat =28710 mg/ kg Inhalation LC50 Rat = 48000 ppm
Other Components	NA

**ECOLOGICAL INFORMATION****Elimination information (persistence and degradability)**

Physico-chemical removability

**DISPOLSAL INFORMATION**

As per local municipal law or any other concerned authority.

**MATERIAL SAFETY DATA SHEET****TRANSPORTATION INFORMATION**

The shipping classifications in this sections are for non-bulk packaging only (unless otherwise specified). Shipping classification may be different for bulk packaging.

**International Air Transportation (ICAO/IATA)**

<b>Proper shipping name:</b>	Adhesives
<b>Hazard class or division:</b>	3
<b>Identification number:</b>	UN 1133
<b>Packing group:</b>	II

**Water Transportation (IMO/IMDG)**

<b>Proper shipping name:</b>	Adhesive
<b>Hazard class or division:</b>	3
<b>Identification number:</b>	UN 1133
<b>Packing group:</b>	II

**OTHER INFORMATION**

The information given is based on our knowledge and performance of the material. This data is intended to enable safety assessment to be made and should not be construed as guaranteeing specific properties. Users are recommended to consult our technical team or technical data to advise specific applications.

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