



SAFETY DATA SHEET

Page :1

Revised edition no : 06

P-815 GP-800 CONTACT ADHESIVE

Effective Date: 9.3.2024

1 Identification of the Product and the company

Chemical name : GP-800 Contact Adhesive
Type of product chemical family : N/A
Use : Adhesive
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 no : See producer

2 Hazard Identification

Hazard Pictogram



CLASSIFICATION

Flammable Liquid	Category 2
Acute toxicity Oral	Category 4
Reproductive toxicity	Category 2
Skin Corrosion/Irritation	Category 2
Specific Target Organ Toxicity - Single exposure	Category 3
Specific Target Organ Toxicity - Repeated exposure	Category 2
Aspiration Hazard	Category 1

Signal Word: Danger

HAZARD STATEMENT(S)

H225	Highly flammable liquid and vapour
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H361	Suspected of damaging fertility or the unborn child
H373	May cause damage to organs through prolonged or repeated exposure.

PRECAUTIONARY STATEMENT(S)

P210	Keep away from heat/sparks/open flames/hot surfaces - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharges.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	IF ON SKIN(on hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

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



SAFETY DATA SHEET

Page :2

Revised edition no : 06

P-815 GP-800 CONTACT ADHESIVE

Effective Date: 9.3.2024

P370+P378
P403+P235
P501

In case of fire: Use dry chemical powder for extinction.
Store in a well-ventilated place. Keep cool.
Dispose of contents/container in accordance with regulations made under the control of Pollution & Environmental Protection Acts.

3 Composition / Information on Ingredients

<u>chemical name</u>	<u>CAS No</u>	<u>Composition</u>
Toluene	108-88-3	>60%
Hexane	110-54-3	10 to <30%
Chloroprene rubber	9010-98-4	10 to <30%
Phenolic resin	28064-14-4	5 to <10%
Magnesium Oxide	1309-48-4	1 to <3%

4 First Aid Measures

Inhalation	: Remove to fresh air. Give artificial respiration if not breathing. Oxygen may be given if necessary. If sign and symptom of toxicity persists, seek for medical assistant.
Eye Contact	: Check and remove any contact lenses. Flush eyes with large amount of water until irritation subsides. If irritation persists, get medical attention.
Skin Contact	: Immediately wipe off excess and wash with large amount of water. Remove contaminated may help removal from skin (do not use solvents). Obtain medical advise if skin irritation persists.
Ingestion	: Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

5 Fire-Fighting Measures

Main Hazard	: Explosion
Specific Hazard	: Carbon monoxide may evolved if incomplete combustion occurs. Will float and can be reignited on water surface. The vapor is heavier than air, spread along the ground and distant ignition is possible.
Extinguishing Media	: Carbon dioxide, chemical powder, foam and water fog
Unsuitable Media	: Water Jet (the chemical is lighter than water. The burning substance could float on water surface)
Fire Fighting Procedure	: Allow fire to burn down under control or extinguish with foam, chemical powder or carbon dioxide. Try to cover liquid spills with foam.
Protective Equipment For Fire Fighters	: Wear full protective clothing and self-contained breathing apparatus if significant amount are involved

6 Accidental Release Measures

Protective Measures	: Avoid contact with spilled material. Immediately remove all contaminated clothing. Remove all possible sources of ignition in the surrounding area. Prevent spilled material from entering drains, ditches or rivers by using sand, earth or barriers. Attempt to disperse the vapor or to direct its flow to safe location by using fog spray.
	: Refer Section 8 for guidance on selection of Personal Protective Equipment. Refer Section 13 for information on disposal.

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



SAFETY DATA SHEET	Page :3
	Revised edition no : 06
P-815 GP-800 CONTACT ADHESIVE	Effective Date: 9.3.2024

Clean Up Method : For small quantity (< 1 drum), transfer by mechanical means to a labelled, sealable container for product recovery or safe disposal.
: For big quantity (> 1 drum), transfer to vacuum truck to a salvage tank for recovery or safe disposal.
: Allow residue to evaporate or soak up with appropriate absorbent material and dispose of safely.
: Remove contaminated soil and dispose of safely

Additional Advise : Notify local authorities if any exposure to the general public or the environment occurs or is likely to occur.

7 Handling and Storage

General Precaution : Avoid breathing vapors or contact with material. Only use in well ventilated areas. Wash thoroughly after handling. Refer section 8 for selecting suitable protective equipment.

Handling : Avoid contact with skin, eyes and clothing. Exposure to solvent vapors should be controlled by local exhaust ventilation. Where this is not practicable, suitable respirator must be worn. The solvent vapors are highly flammable and heavier than air. Keep away from sources of ignition, sparks, hot surfaces, electrical equipments and heating appliances. Maintain efficient ventilation using flame proof equipment where necessary. equipment/machinery should be earthed to prevent static electricity build-up.

Storage : Must be stored in a diked (bunded) well ventilated area, away from direct sunlight, ignition sources and other sources of heat.
: Storage Temperature : Ambient

8 Exposure controls / personal protection

Occupational Exposure Limits (OEL) : This product consist of a mixture substances with the following recognized or recommended OEL value ;

<u>Chemical Name</u>	<u>TLV</u>
Toluene	TWA: 50ppm (188mg/m ³) (Skin),ACGIH 2002
Hexane	TWA (8h):175ppm (skin), ACGIH

Engineering Control : The use of local exhaust ventilation is recommended to control process emission near the source. Laboratory samples should be handled in a lab hood. Provide mechanical ventilation of confined spaces. Use explosion-proof ventilation equipment.

Personal Protection

General Advice :

The use and choice of personal protection equipment is related to the hazard of the product, the workplace and the way the product is handled. In general, we recommended as a minimum safety precaution that safety glasses with side shields and work-clothes protecting arms, legs and body be used. In addition, any person visiting an area where this product is handled should wear at least safety glasses with side shields.

Hand Protection :

When handling this product, it is recommended to wear chemical resistant gloves. The choice of suitable protective gloves depends on work conditions and what chemical are handled, but we have positive experience with gloves made of PVA. Note that PVA degrades when in contact with water. Gloves should be replaced immediately if sign of degradation is observed.

Respiratory Protection :

Where concentrations in air may exceed the limits given in this section, it is recommended to use a half face filter mask to protect from overexposure by inhalation. Suitable filter material depends on the amount and type of chemical being handled in the workplace.

NIOSH Respirator recommendations : NIOSH/OSHA 500 ppm CCROV*/PAPROV*/GMFOV/SA*/SCBAF:SCBAF PD,PP/SAF:PD,PP:ASCBA (see symbols and codes)

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



SAFETY DATA SHEET

Page :4

Revised edition no : 06

P-815 GP-800 CONTACT ADHESIVE

Effective Date: 9.3.2024

Eye Protection : Refer general advice

Skin/Body Protection : Refer general advice

9 Physical and Chemical Properties

Appearance : Golden yellow to light brown

Odour : Typical toluene smell

Viscosity : 3500-7500 cps

Volatile Percentage : 75.00-77.00%

Solubility : Insoluble in water

Specific Gravity : 0.87±0.02

Flash Point : Typical below 30°C

10 Stability and Reactivity

Stability : Stable

Material to avoid (Incompatibles) : Strong oxidizing agents

Condition to avoid : Avoid heat, sparks, open flames and ignition sources

Hazardous decomposition products : None

11 Toxicological Information

Routes Of Entry : Absorbed through skin, dermal contact, eye contact, inhalation and ingestion.

Toxicity to Animals : Acute Oral Toxicity (LD50)

ATE 826 mg/kg (rat), classified under Category 4 Acute Dermal Toxicity (LD50)

ATE 18181 mg/kg (rabbit), the classification criteria are not met Acute Inhalation (Vapour) (LC50)

ATE 49 mg/L (rat) 4 hrs exposure, the classification criteria are not met

Skin Corrosion/Irritation : Hazardous in case of skin contact (irritant). Causes mild to moderate irritation. It can be absorbed to some extent through the skin

Skin Sensitization : Repeated or prolonged skin contact may cause defatting dermatitis

Reproductive Toxicity : Prolonged or repeated exposure of pregnant animals at high concentrations have been reported to cause adverse fetal development effects

Specific target Organ Toxicity (STOT) - Single Exposure

: Inhalation of high concentrations may affect behavior and cause central nervous system effects characterized by nausea, headache, dizziness, tremors, restlessness, lightheadness, exhilaration, memory loss, insomnia, impaired reaction time, drowsiness, ataxia, hallucination, somnolence, muscle contraction or spasticity, unconsciousness and coma.

Specific target Organ Toxicity (STOT) - Repeated Exposure

: Prolonged or repeated exposure via inhalation may cause central nervous system and cardiovascular symptoms similar to that of acute inhalation as well liver damage/failure, kidney damage/failure (with hematuria, proteinuria, oliguria, renal tubular acidosis), brain damage, weight loss, blood (pigmented or nucleated red blood cells, changes in white cell count), bone marrow changes, electrolyte imbalance, severe muscle weakness and Rhabdomyolysis.

Aspiration Hazard : Aspiration into lungs may cause chemical pneumonitis. May cause irritation of digestive tract with nausea, vomiting, pain.

12 Ecological Information

Ecotoxicity : Data is not available

Mobility in soil : Data is not available

Persistence and degradability : Data is not available

Other adverse effects : Data is not available

Bio accumulative potential : Data is not available

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



SAFETY DATA SHEET	Page : 5
	Revised edition no : 06
P-815 GP-800 CONTACT ADHESIVE	Effective Date: 9.3.2024

13 Disposal Considerations

- Material Disposal : Recover or recycle if possible. Do not dispose into the environment, in drains or water courses. Waste product should not be allowed to contaminate soil or water.
- Container Disposal : Drain container thoroughly. After draining, vent in a safe place away from sparks and fire. Refer section 7 before handling the product or containers. Residue may cause an explosion hazard.
- Local Legislation : Disposal should be in accordance with applicable regional, national and local laws and regulations.

14 Transport Information

- LAND : ADR
SEA : IMDG (Packaged goods and BLC's)
AIR : (ICAO / IATA)
Proper shipping name : Adhesive containing flammable liquid
UN No. : UN1133
Hazard Class : 3
Packing Group : II
Marine Pollutant : No

15 Regulatory Information

- Local Governing Directive : 1. Occupational Safety and Health Act 1994 and Regulations
2. Environmental Quality Act 1975 and Regulations
3. Factories and Machinery Act 1967 and Regulations

16 Other Information

- Further information : None
Print date : 22.2.2024

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.

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