303, Atlantis K-10 (wing-B), Opp. Swagat Petrol Pump,
Vikram Sarabhai Marg, Vadiwadi, Vadodara- 390023.

MATERIAL SAFETY DATA SHEET

SEAL TITE uPVC Solvent Cement

1. IDENTIFICATION OF THE SUBSTANCE/ PREPRATION & THE COMPANY

Name of the product : **SEAL TITE uPVC Solvent Cement**
Product use : Solvent Cement for UPVC Plastic Pipes
Manufacturing company name , address and tel. No.

Kota Tapes (India) Pvt. Ltd.
303, Atlantis K-10 (wing-B), Opp. Swagat Petrol Pump,
Vikram Sarabhai Marg, Vadiwadi, Vadodara- 390023 , Gujarat, INDIA.
Tel : +91-0265-2321166 / 2355796 E-mail : kota@ptfetapeindia.com

2. COMPOSITION/INFORMATION ON INGREDIENTS:

INGREDIENTS	CAS No.	% Concentration
Polyvinyl Chloride	9002-86-2	13-25
Cyclohexanone	108-94-1	28-40
Methyl Ethyl Ketone	78-93-3	15-30
Tetra hydrofuran	109-99-9	20-45
Acetone	67-64-1	5-20

3. HAZARDS IDENTIFICATION

Clear liquid with an ethereal and fruity (keton) like odor. flammable,
It may cause eye and skin irritation. It may cause eye and skin irritation. Inhalation of vapours may cause respiratory irritation and may effect on central nervous system. Swallowing may cause irritation, nausea, vomiting, diarrhea and kidney or liver disorders..

4. FIRST AID MEASURES

Skin: Remove contaminated clothing immediately. Wash all exposed areas with soap and water. Obtain medical advice. Remove dried cement with hand cleaner or baby oil.

Eyes: Flush eyes with plenty of water for 15-20 minutes and take medical advice immediately.

Inhalation: If symptoms of exposure develop, move to fresh air. If breathing becomes difficult, administer oxygen. Administer artificial respiration if breathing has stopped. Seek immediate medical attention.

Ingestion: Rinse mouth with water. Give 1 or 2 glasses of water or milk to dilute. Do not induce vomiting. Seek medical advice immediately.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Dry chemical powder, carbon dioxide gas or foam. Cool fire exposed container with water. Water may be ineffective as an extinguishing agent.

6. ACCIDENTAL RELEASE MEASURES

Remove all sources of ignition and ventilate area. Stop leak if it can be done without risk. Personnel cleaning up the spill should wear appropriate personal protective equipment, including respirators if vapour concentrations are high. Soak up spill with an inert absorbent such as sand, earth or other noncombusting material. Put absorbent material in covered, labeled metal containers. Prevent liquid from entering watercourses, sewers and natural waterways.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. Avoid breathing of vapor. Wash thoroughly after handling. Keep product away from sparks, flames and source ignition. Use only electrically grounded handling equipment; ensure adequate ventilation

Storage: Store in a cool, dry, well-ventilated area away from incompatible materials. Keep away from ignition sources. Follow all precautionary information on container label.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

EXPOSURE LIMITS:

	Long term	Short term
Tetrahydrofuran (THF)	50 ppm	100 ppm
Methyl Ethyl Ketone (MEK)	200 ppm	300 ppm
Cyclohexanone	10 ppm	20 ppm

Skin Protection: Rubber gloves are suitable for normal use of the product. Impervious apron and source of running water to wash eyes or skin in case of contact.
Eye Protection: Wear safety glasses with side shields or splash proof chemical goggles
Respiratory Protection: Prevent inhalation of the solvents. Use in a well-ventilated room. If required use proper respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, medium syrupy liquid
Odor:	Ketone, Fruity
Boiling Point:	67.°C (133°F) based on first boiling component: THF
Flash Point:	6°F TCC based on THF
Flammability:	Category 2
Specific Gravity:	0.905 ± 0.05
Solubility:	Solvent portion completely soluble in water. Resin portion separates out.
Vapour Pressure:	190 mm HG @ 20°C (68°F) Acetone
Vapour density:	>2.0 (Air = 1)

10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous decomposition products:. When forced to burn, this product gives off carbon monoxide (CO), carbon dioxide (CO2), hydrogen chloride (HCl) and smoke. No reaction with water.
Conditions to avoid: Keep away from heat, sparks, open flame and other ignition sources.
Incompatible Materials: Caustics, ammonia, inorganic acids, chlorinated compounds, strong oxidizers.

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Inhalation, Eye and Skin Contact
Acute symptoms and effects:
Inhalation: Severe overexposure may result in nausea, dizziness, and headache. It can cause drowsiness, irritation of eyes and nasal passages.
Eye Contact: Vapour slightly uncomfortable. Overexposure may result in severe eye injury with corneal or conjunctival inflammation on contact with the liquid.
Skin Contact: Liquid contact may remove natural skin oils resulting in skin irritation. Dermatitis may occur with prolonged contact.
Ingestion: May cause nausea, vomiting, diarrhea and mental sluggishness.
Chronic (long-term) effects: None known to humans

12. ECOLOGICAL INFORMATION

None of the component of the preparation are classified as dangerous to the environment. However care should be taken to prevent material entering surface drains.

13. DISPOSAL CONSIDERATIONS

Can be disposed of by controlled incineration.
Empty containers should be air dried before disposing.

14. TRANSPORT INFORMATION AS PER IATA

UN Number : 1133
CLASS : 3
Proper Shipping Name: Adhesives (Solvent Cement)
Packing Group : II

15. REGULATORY INFORMATION

Precautionary Label Information: Highly Flammable, Irritant

16. OTHER INFORMATION

This product is intended for use by skilled individuals at their own risk. The information contained herein is based on data considered accurate based on current state of knowledge and experience. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.