



MATERIAL SAFETY DATA SHEET

FEVICOL 1 K PUR

SECTION I - IDENTIFICATION OF COMPANY/ BUSINESS

NAME : PIDILITE INDUSTRIES LIMITED

ADDRESS : Ram HOW ARE YOU

cyanate mixture for moisture curable adhesive.

SECTION II – HAZARDOUS CONSTITUENTS OF MATERIAL

COMPONENT	CAS NUMBER	PERCENT	PERMISSIBLE EXPOSURE LIMIT [TWA]	SHORT TERM EXPOSURE LIMIT [STEL]
Mixture of Diphenylmethane diisocyanate	26447-40-5, 2536-05-2, 101-68-8, 5873-54-1, 9016-87-9	Not more than 25 %%	None Established None Established 0.005 ppm None Established None Established	None Established None Established 0.02 ppm None Established None Established

SECTION III- IDENTIFICATION OF HAZARDS

TOXIC EFFECTS OF EXPOSURE/ CONTACT :

SKIN CONTACT : May irritate and burn skin on prolonged or repeated contact. It may also give reddening, swelling, rash, scaling or blistering. Chronic exposure may cause dermatitis.

EYE CONTACT : May cause irritation and burns to eyes and conjunctivitis on prolonged contact.

INHALATION : Vapours can cause irritation of mucous membrane, nausea, headache and drowsiness.

INGESTION : May have corrosive effects on the linings of the mouth and stomach. May include sore throat, abdominal pain, nausea, vomiting and diarrhea.

DELAYED EFFECTS: Not known

SECTION IV- FIRST AID MEASURES

SKIN CONTACT : Immediately flush skin with soap and water while removing contaminated cloths. Seek medical help if required. Wash contaminated cloths before reuse.

EYE CONTACT : Immediately flush eyes with plenty of water for at least 15 minutes. Hold eyelids open during flushing. Consult Physician if irritation persist.

INHALATION : Move the subject to fresh air. If not breathing, give artificial respiration. If respiration is difficult, give Oxygen and seek help from Physician.

INGESTION : Immediately give two glasses of water to drink. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a Physician.

NOTE TO PHYSICIAN: There is no specific antidote. Treatment should be given symptomatically on the clinical conditions.

SECTION V - FIRE AND EXPLOSION HAZARD OF MATERIAL

FLAMMABILITY : Not Flammable

FLASH POINT : NA

EXPLOSIVE LIMITS (% by vol.) : LEL - UEL –

FIRE EXTINGUISHING MEDIA : Use Foam, Dry Chemical Powder, CO₂ or water spray to extinguish the fire.

THERMAL DECOMPOSITION PRODUCT : May yield acrid smoke and irritating gases with oxides of carbon, nitrogen, chlorides and organic fragments.

SPECIAL FIRE FIGHTING PROCEDURE : Wear self contained breathing apparatus or equivalent [MSHA/ NIOSH - approved] and full protective equipment. Use water to cool the containers.

UNUSUAL FIRE AND EXPOLSION HAZARDS : Not specific

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SECTION VI - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS : Use personal protective equipment & handling listed under sections VII & VIII

ENVIRONMENT PRECAUTIONS : Review fire and safety precautions before proceeding with clean up. Use full protective clothing including self-contained breathing apparatus during clean up. Keep spectators away. Ventilate the area. Dike and contain spill with an inert [e.g. sand, earth, etc.] absorbent. Collect the absorbed material in plastic bag for final disposal. Transfer liquid to container for recovery or disposal. Keep spill out of sewers and open bodies of water.

CLEANING METHODS : Wipe off floor with inert material and wash with water containing 1% detergent and 5% ammonia solution. Contaminated diking material may be disposed off according to current local or central regulation.

SECTION VII- HANDLING AND STORAGE

HANDLING PROCEDURE: Use appropriate personal protective equipment [PPE] during handling. Protect against physical damage. Avoid prolonged or repeated breathing of vapours and contact with skin and eyes. Use local exhaust ventilation. Observe good hygiene practices.

STORAGE REQUIREMENTS : Keep container tightly closed in a well ventilated area, when not in use. Keep containers away from moisture. CO₂ is formed by reaction with water. This could lead to pressure built-up in the container. Do not reseal the container. Maintain good housekeeping.

SECTION VIII- EXPOSURE CONTROL/ PERSONAL PROTECTIVE EQUIPMENT

PERSONAL PROTECTIVE EQUIPMENT :

HYGIENE MEASURES : Do not eat, drink or smoke when working. Wash hands before breaks and after work.

EYE PROTECTION : Use chemical splash proof safety goggles or equivalent.

HAND PROTECTION : Impervious (rubber, neoprene, pvc, etc.) hand gloves, aprons.

RESPIRATION PROTECTION : Maintain good ventilation in the area. Suggested to wear MSHA/NIOSH approved respirator where vapour concentrations is more.

OTHERS : Eye wash facility and emergency shower.

ENGINEERING CONTROLS : Mechanical local exhaust at the point of contaminants release with minimum capture velocity of 100 FPM.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE : Brown liquid.

BOILING POINT (°C) : 350 °C will decompose

SPECIFIC GRAVITY (WATER=1) : 1.15 – 1.25

VAPOUR PRESSURE AT 25 °C : NA

SOLID CONTENT : Minimum 99%

ODOUR : Aromatic odour.(Toxic-Do Not Smell)

VISCOSITY (Poise at 30 °C) : 30 - 80

SOLUBILITY IN WATER : Reacts with water

pH : NA

SECTION X - STABILITY AND REACTIVITY DATA

CHEMICAL STABILITY : Stable under normal ambient conditions having low humidity.

INCOMPATIBILITY : Reacts with water, amines and alcohols.

HAZARDOUS POLYMERISATION : Not known.

CONDITIONS TO AVIOD : Keep away from heat, sunlight and naked flames.

SECTION XI - TOXICOLOGICAL INFORMATION

Delayed symptoms of irritations and sensitization is possible. Spray away from respiratory zone area. Do not breath spray.

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SECTION XII - ECOLOGICAL INFORMATION

The product reacts with water to form insoluble solid polymer. Do not allow to escape into waters, wastewater or soil.

SECTION XIII - DISPOSAL INFORMATION

The contaminated/discarded material may be incinerated or disposed off in accordance with current local or central regulation.

SECTION XIV - TRANSPORTATION INFORMATION

No hazardous material to transport. Avoid moisture. Avoid temperature over 50 °C and below 10 °C. Keep away from food and beverages.

SECTION XV - REGULATORY INFORMATION

Harmful R 20-36/37/38-42-66, S 23-24-26-28-36/37-38-45-51

SECTION XVI - MISCELLANEOUS INFORMATION

DISCLAIMER : The data presented here is based on information we believe to be reliable but unknown risks may be present. We disclaim liability for damage or injury which results from the use of the above data and nothing contained therein shall constitute a guarantee or a warranty (including warranty of Merchantability or fitness for a particular purpose) or representation (including freedom from Patentability) by us with respect to the accuracy or completeness of the data, the product described or their use for any specific purpose as known to us. The final determination of the suitability of information, the manner of use of information or product and potential infringement of patents is the sole responsibility of the user.

**ABBREVIATIONS USED : NA - NOT APPLICABLE, NH - NON HAZARDOUS,
CI - CONTENT INSIGNIFICANT.**

ISSUED BY SAFETY DEPARTMENT

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