

MAHESH PLASTIC INDUSTRIES

Material Safety Data Sheet

OTHER / GENERIC NAMES: Polyvinyl Chloride

PROUDCT USE: Packaging Film / Laminate

MANUFACTURER: MAHESH PLASTIC
INDUSTRIES

INGREDIENT NAME	CAS NUMBER
Polyvinyl Chloride	9002-86-2

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: A clear or coloured plastic film. Not considered hazardous under normal usage. Can release irritating and / or toxic vapours at elevated processing temperatures or if involved in a fire.

POTENTIAL HEALTH HAZARDS

SKIN Not considered hazardous

EYES: Not considered hazardous.

INHAIÄTION: Not a route of exposure under normal usage. Elevated processing temperature may release irritating vapours.

DELAYED EFFECTS: None known.

SKIN: None needed

EYES: None needed under normal usage. If material comes into contact with the eye, flush eyes with Water while holding eyelids apart to ensure complete irrigation.

INHALATION: None needed under normal usage. If exposed to vapours at elevated processing Temperature, remove to fresh air.

INGESTION: None needed

5. FIRE FEIGHTING MEASUERS

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FLAMMABLE PROPERTIES

FLASH POINT: Not applicable

FLASH POINT METHODS: Not acceptable

AUTOIGNITION TEMPERATURE: Not determined

UPPER FLAME LIMIT: (Volume 0/0 in air): Not applicable. Non-volatile solid.

LOWER FLAME LIMIT: (volume % in Air): Not applicable, Non-volatile solid

FLAME PROPAGATION RATE (solid): Not determined OSHA

FLAMMABILITY CLASS: Not determined.

EMINGUISHING MEDIA:

Carbon dioxide dry chemical foam, water or, other agents as appropriate for materials in surrounding fire

UNUSUAL FIRE AND EXPLOSION HAZARDS

Gaseous products may be evolved if the film is heated to very high temperature

SPECIAL FIRE FIGHTING PRECAUTIONS / INSTRUCTIONS

Wear NIOSH / MSHA approved positive pressure self-contained breathing apparatus and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

IN CASE OF SPILL OR OTHER RELEASE: (Always wear recommended personal protective equipment) Collect and place in a solid waste container.

MATERIAL SAFETY DATA SHEET PVC

Film

7. HANDLING AND STORAGE

~~NORMAL HANDLING~~
NORMAL HANDLING

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Use normal personal hygiene and good house keeping. If intended for food or pharmaceutical packaging applications, the product should be handled according to applicable current Good Manufacturing practices.

STORAGE RECOMMENDATIONS:

Store in a cool, dry area, away from direct heat Or sunlight. If intended for food or pharmaceuticals packaging applications, keep away from pesticides, PCBs and other hazardous chemicals.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

General room ventilation is adequate for vacuum forming operations where the film is not heated above 1900C In heat sealing and other operations which heat the film to temperatures of 2300C or higher, local exhaust ventilation should be used at points of fume generation to maintain exposure below the PEL/TLV exposure limits.

PERSONAL PROTECTIVE EQUIPMENT

SKIN PROTECTIVE

Not normally required. Use heat resistant gloves if handling melted material.

EVE PROTECTION

Not normally required.

RESPIRATORY PROTECTION

Under normal usage, not normally required. A approved respirator should be worn in areas where the PEL / TLV is exceeded.

ADDITIONAL RECOMMENDATION

None

9. PHYSICAL AND CHEMICAL PROPERTIES

APPERANCE: Clear or colored plastic film

PHYSICAL STATE: solid

ODOR: None

SPECIFIC GRAVITY (water = 1.00) -1.34 to 1.42 (As per application/grade)

SOLUBILITY IN WATER (weight Negligible pH:

Not applicable

BOILING POINT: Not applicable

% VOLATILES: Negligible

FLASH POINT: Not applicable

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PVC Film

10. STABILITY AND REACTIVITY

NORMALLY STABLE (CONDITIONS TO AVOID)

Normally stable. Avoid exposure to open flame or temperature exceeding recommended processing temperatures. The maximum temperature to which the film be exposed will vary with exposure (dwell) time. AVI Global Plast Pvt Ltd, should be contacted if questions arise concerning specific processing conditions.

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition products may include hydrogen chloride, carbon monoxide, carbon dioxide and combustion by products (oxidized and non oxidized hydrocarbons)

HAZARDOUS POLYMERIZATION

Will not occur

11. TOXICOLOGICAL INFORMATION

IMMEDIATE (ACUTE) EFFECTS Not determined.

DELAYED EFFECTS;

None known

OTHER DATA:

None

12. ECOLOGICAL INFORMATION

Material is considered inert and no expected to biodegradable or toxic.

13. DISPOSAL CONSIDERATIONS

OTHER DISPOSAL CONSIDERATIONS

Dispose Of in compliance with state and local government regulations. Usually considered an inert packaging material that can be recycled or land filled. Incineration is not a preferred disposal method because of the possible formation of hydrogen chloride.

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