



Material Safety Data Sheet

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	770C
Product Type:	Hot-Melt Adhesive
Company Name:	
Company address:	
Company Telephone:	

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	WT%
Ethylene-Vinyl Acetate Copolymer	24937-78-8	35 ~ 55%
Hydrogenated hydrocarbon resin	69430-35-9	5 ~ 20 %
Wax	9002-88-4	5 ~ 30 %
Anti Oxidant	6683-19-8	0.02 ~ 2%

3. HAZARDS IDENTIFICATION

Eyes contact:	Vapors from heated material may cause eye irritation. Symptoms may include swelling, stinging, tearing, redness, and blurred or hazy vision. Thermal Burns: Symptoms may include severe pain, swelling, and tissue destruction.
Skin contact:	Thermal Burns: Symptoms may include intense pain, swelling, redness, and tissue destruction.
Inhalation:	Vapors from heated material may cause irritation of respiratory system. Symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.
Ingestion:	Physical block: Symptoms may include cramping, abdominal pain, and constipation.



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4. FIRST AID MEASURES:

GET MEDICAL ASSISTANCE FOR ALL CASES OF OVEREXPOSURE

Ingestion:	First aid is normally not required. Do not induce vomiting unless instructed to do so by medical personnel. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get prompt medical attention.
Inhalation:	If symptomatic, move to fresh air. Get medical attention if symptoms persist.
Skin Contact:	Immediately flush skin with large amounts of water for at least 15 minutes. DO NOT ATTEMPT TO REMOVE MOLTEN MATERIAL. Cover affected area with a clean dressing. Get prompt medical attention.
Eye Contact:	Immediately flush eyes with large amounts of water for at least 15 minutes. DO NOT ATTEMPT TO REMOVE MOLTEN MATERIAL. Get prompt medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing Agents:	Water spray, dry chemicals.
Special Firefighting Procedures:	Wear self-contained breathing apparatus and protective clothing.
Hazardous Products formed	Under oxygen deficient conditions Carbon Monoxide (CO) and irritating smoke may be produced.
Unusual Fire or Explosion Hazards:	Not applicable.

6. ACCIDENTAL RELEASE MEASURES

Sweep or scoop up and remove.

7. HANDLING AND STORAGE

STORAGE TEMPERATURE (°C) : Ambient.

TRANSPORT TEMPERATURE (°C) : Ambient.

STORAGE / TRANSPORT PRESSURE (Kpa) : Atmospheric.

PERSONAL PRECAUTIONARY MEASURES : No special precautionary measure should be needed under anticipated conditions of use.

PREVENTION OF FIRE AND EXPLOSION : Keep from contact with oxidizing materials.

HANDLING: Avoid skin contact with hot material. Keep out of the reach of children.

STORAGE: Store away from heat. store in tightly closed vessels and keep in a cool, and dark, well-ventilated storage at temperature between 5 and to 38 °C.



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8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes protection:	Avoid eye contact. The following eye protection(s) are recommended: Safety Glasses with side shields, Indirect Vented Goggles.
Skin protection:	Avoid skin contact. Wear appropriate gloves, such as Nomex, when handling this material to prevent thermal burns.
Ventilation:	Use in well-ventilated area.
Respiratory Protection:	Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White colors, granule in forms.	Specific Gravity (H ₂ O=1):	0.92-0.98
Odor:	Odorless or resin odor	Volatile Organic Compound : (EPA Method 24)	No applicable
Softening Point:	86 ± 5	Viscosity(180) :	3,800~5,600 cps
PH:	No applicable	Flash point:	Over 200°C
Solubility in Water:	Negligible	Evaporation Rate (BuAc = 1):	Not applicable

10. STABILITY AND REACTIVITY

Stability:	Stable
Hazardous Polymerization:	Hazardous polymerization will not occur.
Incompatibility:	None known.
Conditions to Avoid:	Strong oxidizing agents.
Hazardous Decomposition Products:	Flammable Hydrocarbon, carbon monoxide and fumes.

11. TOXICOLOGICAL INFORMATION

INHALATION : Low hazard for usual industrial handling by trained personnel .
SKIN CONTACT : Frequent or prolonged contact may cause mild skin discomfort. Molten Material may cause thermal burns.
EYE CONTACT : Low hazard for usual industrial handling by trained personnel.
INGESTION : Minimal toxicity.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Not determined.
CHEMICAL FATE INFORMATION: Not determined.



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13. DISPOSAL CONSIDERATIONS

Discharge, treatment, or disposal may be subject to national, state, or local laws.
Incinerate.

14. TRANSPORTATION INFORMATION

PROPER SHIPPING NAME : not determined.

DOT HAZARD CLASS : not regulated.

IDENTIFICATION NUMBER : not determined.

15. REGULATORY INFORMATION

This product complies with the Chemical Substance Inventory requirements of the US EPA

16. OTHER INFORMATION

Estimated NFPA(R) Code:		Estimated HMIS(R) Code:	
Health Hazard:	1	Health Hazard:	No
Fire Hazard:	1	Flammability Hazard:	No
Reactivity Hazard:	0	Reactivity Hazards:	No
Specific Hazard:	None	Personal Protection:	

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HMIS is a registered trademark of the National Paint and Coatings Assn.

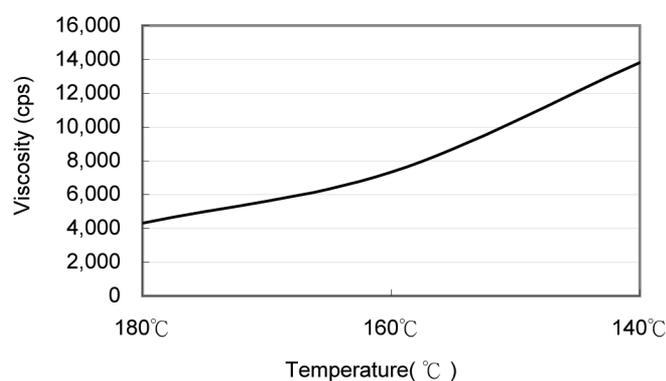
Prepared By:	Tech. Development Dept. / Chemical Group
Company:	TEX YEAR INDUSTRIES INC
Revision Date:	2006/8/8

Characteristics Thermoplastic Hot Melt adhesive, 100% solids content.

Perfect binding of books on automatic applicator, Good adhesive strength, good processing characteristics.

Features	Properties	Specs	Testing Methods
	BASE	Ethylene Vinyl Acetate Copolymers	
	SHAPE	Granule	Observation
	COLOR	White	Observation
	SOFTENING POINT	85 ± 5°C	ASTM-E28 (R&B)
	OPEN TIME	15 SEC	Texyear (HMA-04-01)
	SETTING TIME	2 SEC	Texyear (HMA-05-01)
	VISCOSITY		Brookfield Viscometer LVT Spindle #34

Viscosity curve



Instruction For Use

1. Operation Temperature : 160 ~ 180°C ◦
2. Application methods: Roller.

Notice

1. Open time is changeable, depending upon the nature of the substrate, application temperature, thickness of adhesive applied, room temperature and closing pressure.
2. Do not touch the molten adhesive. In case of burns from hot adhesive, immediately flush skin with cold water and cover with a clean dressing, do not remove adhesive. Have burn treated by a physician.
3. All surfaces should be clean and free of loose elements.
4. Do not heat the adhesive over 180°C in prolonged time to avoid material decomposition and consequent decreased properties.
5. Always keep containers tightly capped when not in use.

Note Product color may vary due to different raw material batch. This variation does not impact on product properties.

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