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| FPC CORPORATION | | 5873 all codes |
| 701 Dartmouth Drive Buffalo Grove, IL 60089 | | |
| Adhesive Specialist Since 1968 | Effective January 1, 1989 Tel. #708-541-3838 Fax #708-541-0174 | |

**710
MATERIAL SAFETY
DATA SHEET**

PRODUCT IDENTIFICATION

Product Stock Number: 710 Hot Melt Adhesive

WARNING STATEMENTS

1. In case of over heating, vapors/fumes may cause irritation.
 2. Contact with molten glue will cause burns.
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PRECAUTIONARY MEASURES

1. Avoid breathing vapors/fumes.
2. Use only with adequate ventilation.
3. Avoid contact with molten glue.

EMERGENCY & FIRST AID PROCEDURES

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| 1. For burns: | Immerse contact area in cold, clean water immediately. Do not attempt to remove set product. Cover contact area with clean wet compresses and take subject to a physician immediately. |
| 2. If vapor inhaled: | Remove subject to fresh air. Call physician if symptoms persist. |
| 3. In case of fire: | Extinguish with dry chemical, carbon dioxide or chemical foam. Do not use water. |
| 4. Spill or leak: | Allow to solidify at room temperature. Scrape up and place in disposal container. |
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HAZARDOUS INGREDIENTS

1. This product does not contain any known hazardous ingredients.

OCCUPATIONAL CONTROL PROCEDURES

1. Eye protection: Wear safety glasses to reduce the potential for eye contact; a face shield is appropriate if splashing is likely. Have eye washes available where eye contact can occur.
2. Skin protection: At elevated temperatures prevent contact by wearing thermally protective gloves and a long sleeved shirt. Provide a cold water source for burn treatment.
3. Respiratory Protection: Not normally required.
4. Ventilation: Hot melt should be used with good ventilation. At the application temperature use of local exhaust over the premelting reservoir is encouraged.

FIRE PROTECTION

1. Flash point: Greater than 200 degree C.
2. Extinguisher: Carbon dioxide, dry chemical, chemical foam.
3. Fire procedures: Avoid using water on molten material to reduce splattering and spreading of the fire.

REACTIVITY DATA

1. Chemical stability: Stable
2. Hazardous decomposition products: Incomplete combustion can yield low molecular weight hydrocarbons, carbon monoxide.

EFFECTS OF OVEREXPOSURE

1. Eyes: Vapors and fumes may cause irritation.
2. Skin: No known effects.
3. Inhalation: Vapors and fumes may cause irritation of the nose, throat and respiratory tract.
4. No anticipated chronic effects. This product does not contain regulated levels of NYP, IARC, or OSHA listed carcinogens.
5. Existing health conditions affected by exposure: No known effects on other illnesses.

PHYSICAL DATA

1. Physical state: Solid
2. Specific gravity: 0.96 at 25 degree C.
3. Viscosity: 9000 +- 1000 cps at 180 degree C.
4. FH: Not applicable

SPILL, LEAK & DISPOSAL INFORMATION

1. Spill or leak procedures: Allow to solidify at room temperature, scrape up and place in disposal container.
2. Waste disposal: This product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 landfill, consult your state or local authorities for proper disposal in the event more restrictive requirements apply.

STORAGE

1. No special requirements for storage.

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| FPC CORPORATION | |
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**720
MATERIAL SAFETY
DATA SHEET**

PRODUCT IDENTIFICATION

Product Stock Number: 720 LO-TEMPER Adhesive

WARNING STATEMENTS

1. In case of over heating, vapors/fumes may cause irritation.
 2. Contact with molten glue will cause burns.
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PRECAUTIONARY MEASURES

1. Avoid breathing vapors/fumes.
2. Use only with adequate ventilation.
3. Avoid contact with molten glue.

EMERGENCY & FIRST AID PROCEDURES

- | | |
|----------------------|--|
| 1. For burns: | Immerse contact area in cold, clean water immediately. Do not attempt to remove set product. Cover contact area with clean wet compresses and take subject to a physician immediately. |
| 2. If vapor inhaled: | Remove subject to fresh air. Call physician if symptoms persist. |
| 3. In case of fire: | Extinguish with dry chemical, carbon dioxide or chemical foam. Do not use water. |
| 4. Spill or leak: | Allow to solidify at room temperature. Scrape up and place in disposal container. |
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HAZARDOUS INGREDIENTS

1. This product does not contain any known hazardous ingredients.

OCCUPATIONAL CONTROL PROCEDURES

1. Eye protection: Wear safety glasses to reduce the potential for eye contact; a face shield is appropriate if splashing is likely. Have eye washes available where eye contact can occur.
2. Skin protection: At elevated temperatures prevent contact by wearing thermally protective gloves and a long sleeved shirt. Provide a cold water source for burn treatment.
3. Respiratory Protection: Not normally required.
4. Ventilation: Hot melt should be used with good ventilation. At the application temperature use of local exhaust over the premelting reservoir is encouraged.

FIRE PROTECTION

1. Flash point: Greater than 450 degree F.
2. Extinguisher: Carbon dioxide, dry chemical, chemical foam.
3. Fire procedures: Avoid using water on molten material to reduce splattering and spreading of the fire.

REACTIVITY DATA

1. Chemical stability: Stable
2. Hazardous decomposition products: Incomplete combustion can yield low molecular weight hydrocarbons, carbon monoxide.

EFFECTS OF OVEREXPOSURE

1. Eyes: Vapors and fumes may cause irritation.
2. Skin: No known effects.
3. Inhalation: Vapors and fumes may cause irritation of the nose, throat and respiratory tract.
4. No anticipated chronic effects. This product does not contain regulated levels of NYP, IARC, or OSHA listed carcinogens.
5. Existing health conditions affected by exposure: No known effects on other illnesses.

PHYSICAL DATA

1. Physical state: Solid
2. Specific gravity: 0.90 at 25 degree C.
3. Viscosity: 10000 +/- 1000 cps at 110 degree C.
4. PH: Not applicable

SPILL, LEAK & DISPOSAL INFORMATION

1. Spill or leak procedures: Allow to solidify at room temperature, scrape up and place in disposal container.
2. Waste disposal: This product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 landfill, consult your state or local authorities for proper disposal in the event more restrictive requirements apply.

STORAGE

1. No special requirements for storage.

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FPC CORPORATION
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PHONE # 708-487-4583
FAX # 708-487-0174
MATERIAL SAFETY DATA SHEET

This MSDS is being provided to your company for the purpose of affording current health and safety information to your management and for your employees who work with this product. Please read the information on these sheets, and provide this information to those people at your company whose responsibility it is to comply with FEDERAL, STATE and COMMUNITY RIGHT TO KNOW regulations and to any employee who requests it.

SECTION 1 - SUBSTANCE IDENTIFICATION

Product Name: Glue Gun Cleaner 4 oz. Chemical Name: Petroleum Solvent
Others Names: 18239 63000

SECTION 2 - INGREDIENTS

| CAS NUMBER | INGREDIENT | % | TLV/PEL |
|------------|-------------------|----|---------|
| | Glycol ether | 5 | |
| | Petroleum solvent | 85 | |
| | Orange terpenes | 5 | |
| | Orange oil | 5 | |
| | Fragrance | 1 | |

SECTION 3 - HAZARD/EXPOSURE LIMIT

WARNING: FLAMMABLE! Harmful if swallowed!
Avoid contact with eyes and skin, wash
thoroughly after use.

| <u>HMIS RATINGS:</u> | |
|----------------------|---|
| Health | 4 |
| Flammability | 3 |
| Reactivity | 0 |
| Personal Protection | K |

This product contains no ingredients listed by IARC, NPR or OSHA.

SECTION 4 - PHYSICAL DATA

Boiling Point: 63-101C Specific Gravity: .8
Vapor Pressure: pH: N/A
Vapor Density: Appearance/Odor: orange liquid, orange odor
Other: slightly miscible with water.

SECTION 5 - FIRE and EXPLOSION INFORMATION

Flash Point: 145F TCC UPPER EXPLOSIVE LIMIT: Unknown
 LOWER EXPLOSIVE LIMIT: Unknown
Extinguishing Media: WATER, FOG, CO2 OR DRY CHEMICAL ARE ALL SUITABLE
Hazardous Decomposition Products: CARBON MONOXIDE AND CARBON DIOXIDE
Firefighting Procedures or Other Information: AVOID CONCENTRATION OF VAPORS; WILL BE
EXPLOSIVE

GLUE GUN CLEANER

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MATERIAL SAFETY SHEET

SECTION 6 - FIRST AID

HARMFUL OR FATAL IF SWALLOWED! DO NOT INDUCE VOMITING AND GET MEDICAL TREATMENT IMMEDIATELY.

IF INHALED, REMOVE TO FRESH AIR AND SEEK MEDICAL TREATMENT.

Can cause drying of skin and burns to eyes.

PRIMARY ROUTES OF ENTRY: Oral ingestion or inhalation are most likely.

SECTION 7 - REACTIVITY, STORAGE & HANDLING INFORMATION

Hazardous polymerization will not occur.

Avoid contact with strong oxidizing materials.

SECTION 8 - SPILL or LEAK INFORMATION

Vacuum or mop up excess materials, then clean up any residue with warm soapy water. Dispose of salvaged material to sewage treatment facility, if not reusable.

BEWARE OF VAPOR ACCUMULATION AT SPILL SITE-VAPORS WILL BE FLAMMABLE, EXPLOSIVE AND CAN BE HARMFUL IF INHALED.

SECTION 9 - ADDITIONAL INFORMATION

DOT FLAMMABLE LIQUID.

Other precautions: KEEP THIS AND ALL CHEMICALS OUT OF THE REACH OF CHILDREN.