



Material Safety Data Sheet

Item : Ad-Tech 220

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Item used in Products :	GS10DT, GS15DT, GS20DT, GS25DT, 0-GS10DT, 0-GS15DT, 0-GS20DT, 0-GS25DT, 6-GS10DT, 6-GS15DT, 6-GS20DT and 6-GS25DT
Product Type:	Hot-Melt Adhesive (Glue Sticks)
Company Name/ Location:	The Stanley Works , New Britain, CT.
Vendor Name:	Adhesive Technologies, Inc.
Vendor address	Hampton, NH
Emergency Telephone	US Phone number 603-926-1616 (Open 8 a.m. to 4 p.m. EST).

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	WT%
Ethylene-Vinyl Acetate Copolymer	24937-78-8	35 ~ 80%
Rosin Ester	8050-26-8	15 ~ 55 %

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.

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 needed, 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.



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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°C and to 38°C.

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 respiratory protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Water white in colors, stick 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:	89 ± 5 °C	Viscosity(350°F) :	9,600~14,400cps
PH:	No applicable	Flash point:	Over 200°C
Solubility in Water:	Negligible	Evaporation Rate (BuAc = 1):	Not applicable



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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.

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 TSCA and the EU REACH.

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:	

NFPA is a registered trademark of the National Fire Protection Assn.

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

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Company:	Adhesive Technologies, Inc.
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