

**Safety Data Sheet
Hot Melt Adhesive
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Product Code: Resist

Date: 05/20/2015

HMIS CODES: HFRP, 100



Section I Manufacturer Identification

Manufacturer' Name:

**Independent Adhesives & Coatings, Inc.
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Kansas City, Missouri 64153
816 421 6334, 816 421 1175/Fax**

Contact: Edwin Kuofie

Section II Health Hazard Data

Inhalation Health Risks and Symptoms of Exposure: Oxygen deprivation may result if a resist fumes are inhaled in a concentrated form. Remove person to a fresh air. If not breathing, give artificial respiration and seek immediate medical attention.

Skin and Eye Contact Health Risks and Symptoms of Exposure: Prolonged exposure may cause reddening and/or transient irritation. Wash with water until no material remains. Immediately remove soaked clothing and clothing and lauder. If Irritation persists seek medication attention.

Ingestion Health Risks and Symptoms of Exposure: There are no known clinical symptoms of ingestion. Intentional contact With material to mouth is not recommended.

Health Hazards (Acute or Chronic): The principle volatile component is water.

Carcinogenicity: NTP Carcinogen: No IARC Monographs: No OSHA Regulation: No

Medical Conditions generally aggravated by exposure: None known

Section III Hazardous Ingredients / SARA III Information

Reportable Components

**Vapor Pressure Weight
CAS Number MM HG @ Temp. Percent**

***** No reportable hazardous quantities are present*****

***** No toxic chemical(s) subject to the reporting requirements of section 313 of title III and of 40 CFR 372 are present***
N/A**

Section IV First-Aid Measures

Skin - Wash skin thoroughly with soap and water. Contact physician if irritation or redness develops

Eye - Flush with copious amounts of portable water and seek medical assistance.

Ingestion - Ingested material should not be removed from the stomach by vomiting or aspiration. Call physician immediately.

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Section V Fire and Explosion Hazard Data

Flash Point: >450 F
Method used: COC
Flammable limits in by volume – Lower N/A Upper N/A
Extinguishing Media: Foam, Alcohol Foam, Carbon dioxide, Dry Chemical, Water Fog
Special Firefighting Procedures: Self contained breathing apparatus and protective clothing should be worn on fighting fires involving chemicals. Use water to cool the fire and exposed surfaces and to protect personnel. Isolate fuel supply from fore.
Extinguish the fire by cooling with water supply
Unusual Firefighting and Explosion Hazards: None

Section VI Accidental Release Measures

Steps to be taken in case material is released or spilled: Dam to prevent spreading. Mop up or absorb inert material and place in containers.
Waste Disposal Method: CAUTION! – Polymer based materials are slippery in large amounts on non-porous surfaces. For small spills (less than 100gallons) dilute 50 to 100 fold with water and flush into industrial sewer system. Warning! For large spills notify local sewer authority before discharging. For very large spills, place in settling pond, place solids in appropriate landfill.

Section VII Handling and Storage

Precautions to be taken in handling and storing: Safety goggles or safety glasses with side shields and gloves are recommended when handling this product. See previous section for specific health and fire hazard information and protective measures.
Other precautions: Normal plant cleanliness should be observed. Store in a cool place. Avoid storing below 45 F and above 90 F.
Rotate stock. Use oldest material first. Keep containers covered to prevent contamination. This product meets the compositional requirements of Indirect Food Additives Regulation 21 CFR 175.105 “Adhesives”.

Section VIII Control Measures

Respiratory Protection: Normal plant ventilation should be adequate.
Ventilation: Provide sufficient mechanical ventilation (general or local exhaust) to maintain exposure levels below threshold limit values.
Protective Gloves: Heat resistant gloves should be used.
Eye Protection: Always use goggles or safety glasses with side shields when handling this product.

Section IX Physical and Chemical Properties

Boiling Range: N/A	Specific Gravity: (H2O=1) 1.1
Vapor Density: N/A	Evaporation Rate: N/A
Auto- Ignition: N/A	Solubility in water: 100%

Appearance and odor: white emulsion with mild odor.

Section X Stability and Reactivity

Stability: Stable
Condition to avoid: Production is stable in most environments. Some coagulation may occur following freezing, thawing and boiling.
Incompatibility (material to avoid): Product will react violently alkali or water sensitive material such as sulfuric acid or alkali metals eg. Sodium

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Hazardous Decomposition or Byproduct: Burning material will liberate carbon dioxide and carbon monoxide.
Hazardous Polymerization: will not occur.

Section XI Toxicological Information

Acute Toxicity:

Product Information: Product does not an acute toxicity hazard based on known or supplied information

Irritation: repeated or prolonged exposure may cause irritation of eyes and skin

Chronic Toxicity

Carcinogenicity: Contains no ingredient listed as a carcinogen

Section XII Ecological Information

Ecotoxicity: The environmental impact of this product has not been fully investigated

Section XIII Disposal Considerations

Waste Disposal Method: Dispose of contents/container in accordance with local regulation

Section XIV Transport Information

DOT: Not Regulated
TDG: Not Regulated
MEX: Not Regulated
IATA: Not Regulated
IMDGMO: Not Regulated

Section XV Regulatory Information

International Inventories

TSCA: Complies
DSL: Complies
EINECS/ELINCS: Does not Comply
ENCS: Does not Comply
IECSC: Does not Comply
KECL: Does not Comply
PICCS: Does not Comply
AICS: Does not Comply

U.S Federal Regulations

SARA 313 of title III of the Superfund Amendments and Reauthorisation Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the ACT and Title 40 of the code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard: No
Chronic Health Hazard No
Fire Hazard No
Sudden Release of Pressure No
Reactive Hazard No

Clean Water Act

This does not contain any substances any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

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Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs)(see 40 CFR 61)

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendment of 1990.

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

International Regulations

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Regulations (CPR) and the SDS contains all the information required by the CPR.

WHMIS Hazard Class

Not determined

Section XVI Other Information

Prepared By: Verified by Quality Control Department

Revised Date: March 30, 2016

Additional Information: Independent Adhesives and Coatings, LLC has compiled this information and recommendation contained in this Safety Data Sheet from sources believed to be reliable and to present the most reasonable current option on the subject when the SDS was prepared. No warranty, guaranty or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine its environmental regulatory compliance obligations under any applicable federal, state or local laws.



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