



## MATERIAL SAFETY DATA SHEET

Date Prepared: December 3, 2012

Distributor: Ben Nye Company, Inc.  
3655 Lenawee Ave.  
Los Angeles, CA 90016  
310/839-1984

EMERGENCY PHONE NUMBER:  
ChemTel  
US/Canada: 800/225-3924  
International (813) 977-3668

Manufacturer's Name:

### Section I: Product

Name: **Spirit Gum Adhesive**

### Section II: Hazardous Ingredients

Hazardous Ingredients: Ethyl Ether, Isopropyl Alcohol

INGREDIENT: Gum Rosin, Gum Copal

### Section III: Physical Data

Boiling Range: 180 F

Vapor Pressure: 33@20c

Specific Gravity: 0.79

Evaporation Rate: 2.83

Appearance: Amber colored liquid

Melting Point: -128 F

Vapor Density: 2.1

Solubility: N/A

Molecular Weight: Varies

Odor: Potent alcohol smell

### Section IV – Fire and Explosion Hazard Data

Flash Point: 53° F

Flammable Limits: 2.1 LEL 2.1 UEL 12.1

Auto Ignition Temperature: 852° F

Extinguishing Media: Dry Chemical, Foam or Carbon Dioxide

Special Fire Fighting Procedures: Water can be used to dilute spills to a non-flammable mixture. Vapors can flow along surfaces to a distant ignition source and flash back.

Unusual Fire and Explosive Conditions: Dense smoke may be generated while burning. Carbon Dioxide, Carbon Monoxide and other Oxides may be generated as products of combustion.

## Section V: Health Hazard Data

### EFFECTS OF OVEREXPOSURE:

Eye Contact: This product will irritate the eyes. Avoid contact with eyes and all mucous membranes.

Skin Contact: This product may irritate the skin.

Ingestion: Do not ingest. Ingestion of large quantities of this product could cause headache, dizziness, mental depression, vomiting, carcosis, or fatality.

### EMERGENCY AND FIRST AID PROCEDURES:

Eye Contact: Flush eyes immediately with plenty of water and seek medical attention at once.

Inhalation: If excessive inhalation has created dizziness or other adverse affects, remove to fresh air and seek immediate medical attention.

Ingestion: If ingestion occurs, seek immediate medical attention. Ingestion of Isopropyl Alcohol based products can cause fatality.

## Section VI: Reactivity Data

Stability: Stable

Stability conditions to avoid: Heat and Flame

Incompatibility: None

Hazardous Decomposition Products: None

## Section VII: Spill or Leak Procedures

Steps for material spillage: Treat as a flammable liquid. Cover with sand or other dry media. Collect waste with shovel or other implement. Deposit in a flame resistant container.

Waste Disposal: All disposables must comply with Local, State and Federal Regulations.

Handling and Storage: Store in well-ventilated area – away from heat and flame

## Section VIII: Special Protection Information

Eye Contact: Eye protection is not required under conditions of normal use. If material is handled such that it could be splashed into eyes, wear plastic face shield or splash proof safety goggles.

Skin Protection: None required.

Respiratory Protection: None normally required.