

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

MATERIAL SAFETY DATA SHEET

800-838
Spirit Gum
Pg 1 of 2

SECTION I	
MANUFACTURER'S NAME MEHRON, INCORPORATED	EMERGENCY TELEPHONE NO. (914)-268-4106
ADDRESS (NUMBER, STREET, CITY, STATE & ZIP CODE) 45E ROUTE 303, VALLEY COTTAGE, NEW YORK 10989	
CHEMICAL NAME & SYNONYMS Shellac Solution in SDA 35A Alcohol	TRADE NAMES & SYNONYMS 8 lb. Refined Pharmaceutical Glaze N.F
CHEMICAL FAMILY Natural Resin	FORMULA SPIRIT GUM
CAS NO. (*9000-59-3)	Code Designation B567-7848

SECTION II - HAZARDOUS INGREDIENTS					
MATERIALS	%	TLV (Units)	MATERIALS	%	TLV (Units)
Specially Denatured Alcohol					
Formula 35 A	45.9%		Ethyl Acetate		400
CAS #64-17-5					
HEALTH - 2 FLAMMABILITY - 3 REACTIVITY - 1 PERSONAL PROTECTION *					

SECTION III - PHYSICAL DATA			
BOILING POINT °C (°F)	173°F	SPECIFIC GRAVITY (H ₂ O=1) 15.6° / 15.6°C	0.9882
VAPOR PRESSURE (mm Hg.)	@ 68°F 44	PERCENT, VOLATILE BY VOLUME (%)	55.5%
VAPOR DENSITY (AIR=1)	1.59	EVAPORATION RATE (Ether=1)	Unknown
SOLUBILITY IN WATER	Slight		
APPEARANCE AND ODOR	Clear Amber Liquid	-Characteristic Odor - Pleasant	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA			
FLASH POINT	48°F T.C.C	FLAMMABLE LIMITS	LEL 3 UEL 19
EXTINGUISHING MEDIA			
<input checked="" type="checkbox"/> ALCOHOL FOAM <input checked="" type="checkbox"/> CARBON DIOXIDE <input checked="" type="checkbox"/> DRY CHEMICAL <input type="checkbox"/> FOAM <input type="checkbox"/> WATER SPRAY (FOG)			
<input type="checkbox"/> OTHER			
SPECIAL FIRE FIGHTING PROCEDURES			
TREAT AS FLAMMABLE LIQUID			
FIRE AND EXPLOSION HAZARDS			
KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME.			

NA = Not Applicable
NO = No Data Available

Form OSHA-20

John R. Donofrio
7-1-86

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE 400 (approx) assumes complete evaporation of liquid

EFFECTS OF OVEREXPOSURE Anesthesia- headache, nausea, dizziness - prolonged contact may cause dehydration of skin.

EMERGENCY AND FIRST AID PROCEDURES
Remove victim and restore breathing

SECTION VI - REACTIVITY DATA

STABILITY: UNSTABLE STABLE CONDITIONS TO AVOID sparks and open flame

INCOMPATIBILITY (Materials to avoid) strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS CO and CO₂

HAZARDOUS POLYMERIZATION: MAY OCCUR WILL NOT OCCUR CONDITIONS TO AVOID

SECTION VII - SPILL OR LEAK PROCEDURES

- STOP FLOW
- ELIMINATE ALL SOURCES OF IGNITION, FLAMMABLES
- AVOID INHALATION
- AVOID DERMAL CONTACT
- RESPIRATORY PROTECTION (AS PER SECTION VIII)
- SKIN PROTECTION (AS PER SECTION VIII)
- ABSORB OR SCRAPE UP
- VACUUM UP
- EVAPORATE SMALL AMOUNTS IN HOOD
- OTHER
- INCINERATE UNDER CONTROLLED CONDITIONS
- INCINERATE USING AFTER BURNER & SCRUBBER
- BURY IN REMOTE AREA
- USE AS LANDFILL
- NEUTRALIZE
- WASH AWAY WITH WATER
- OBSERVE FEDERAL SPILL & WATER QUALITY REGULATIONS
- REMOVE SOILED CLOTHING

SECTION VIII - SPECIAL PROTECTION INFORMATION

	DURING NORMAL USE	FOR GASES, VAPORS, DUSTS, FUMES, MISTS EXCEEDING TLV	SPECIAL (E.G. THERMAL PROCESSING, SPRAY APPLICATIONS)
GENERAL VENTILATION	to maintain TLV		
LOCAL EXHAUST	Desirable		
RESPIRATORY PROTECTION (1-4)			
1. USUALLY NONE		3. GAS AND VAPOR-REMOVING AIR PURIFYING RESPIRATOR (CANISTER)	
2. PARTICLE-REMOVING AIR PURIFYING RESPIRATOR (MECHANICAL FILTER)		4. FULL FACE MASK POSITIVE PRESSURE-DEMAND TYPE SUPPLIED AIR	
EYE PROTECTION	SAFETY GLASSES	CHEMICAL GOGGLES G	FACE SHIELD
PROTECTIVE GLOVES	NEOPRENE	POLYVINYL ALCOHOL	POLYETHYLENE
	NATURAL RUBBER G	BUTYL RUBBER	POLYVINYL CHLORIDE
RATING: (E) EXCELLENT (G) GOOD (F) FAIR (P) POOR (NR) NOT RECOMMENDED			
OTHER PROTECTIVE EQUIPMENT			

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
HANDLE AS FLAMMABLE LIQUID. USE GOOD PERSONAL HYGIENE

OTHER PRECAUTIONS

NOTICE

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