

Supplier Information:  
Santa Fe Jewelry Supply  
1513 Fifth Street Santa Fe, NM 87505

EMERGENCY PHONE.....: 800-255-3924  
PREPARATION/REVISION DATE: 03/10/99

TRADE NAME/SYNONYMS...: ALL SOLVENT 20Z (NO AIR SHIP)  
CHEMICAL NAME/SYNONYMS:  
CHEMICAL FAMILY.....:  
FORMULA.....:  
PRODUCT CODE.....: 49.0139

PATINA SOLVENT  
342203

\*\*\*\*\* HAZARDOUS INGREDIENTS \*\*\*\*\*

DOES PRODUCT CONTAIN HAZARDOUS INGREDIENTS? (Y,N,N/A,N/I) : Y			
CHEMICAL/COMMON NAME	CAS-NUMBER	PEL-CSHA	TLV-ACGIH
PETROLEUM DISTILLATE	64742-89-8 >1	30PPM	30PPM
PETROLEUM DISTILLATE	64742-89-6 >1	50PPM	50PPM
TRIMETHYLBENZENE	95-63-6 7	N/A	N/A
XYLENE	1330-20-7 7	100PPM	100PPM

DOES PRODUCT CONTAIN CARCINOGENS (NTP, IARC, OR CSHA)? (Y,N,N/A,N/I): N

\*\*\*\*\* HEALTH HAZARD DATA \*\*\*\*\*

HEALTH EFFECTS (ACUTE AND CHRONIC)  
HARMFUL IF INHALED, MAY AFFECT BRAIN OR NERVOUS SYSTEM, CAUSING DIZZINESS, HEADACHE OR NAUSEA. CAUSES THROAT, NOSE, EYE AND SKIN IRRITATION. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVER-EXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

PRIMARY ROUTES OF ENTRY  
EYES, INHALATION, INGESTION AND SKIN  
INHALATION MAY CAUSE DIZZINESS, LOSS OF BALANCE AND COORDINATION, UNCONSCIOUSNESS, RESPIRATORY FAILURE AND DEATH.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE  
ANY MEDICAL CONDITION, ALLERGY, SENSITIZATION WHICH MAY BECOME WORSE UPON EXPOSURE TO THIS PRODUCT.

EMERGENCY FIRST AID PROCEDURES  
EYES: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. CONTACT PHYSICIAN.  
INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. CONSULT A PHYSICIAN.  
INGESTION: DO NOT INDUCE VOMITING. CONSULT A PHYSICIAN IMMEDIATELY.  
ON SKIN: WASH AREAS WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. CONSULT PHYSICIAN.

SIGNS OF EXPOSURE: BREATHING DIFFICULTY, DIZZINESS, LIGHT-HEADEDNESS, DRYNESS OF RESPIRATORY TRACT.

\*\*\*\*\* CHEMICAL DATA \*\*\*\*\*

BOILING POINT(F)...	24CF	SPECIFIC GRAVITY(WATER=1).....	0.92
VAPOR PRESSURE(MMHG)	15MM	PERCENT VOLATILE BY VOLUME(%).....	N/A
VAPOR DENSITY(AIR=1)	1.0	EVAP RATE( BUTYL ACETATE =1)	<1

SOLUBILITY IN WATER.. NEGLIGIBLE

APPEARANCE AND ODOUR INFORMATION  
CLEAR LIQUID. MILD ODOUR.

\*\*\*\*\* PHYSICAL HAZARD DATA \*\*\*\*\*

FLASH POINT (METHOD USED) 50F FLAMMABLE LIMITS-LEL= .9 UEL= .7

EXTINGUISHING MEDIA  
"ALCOHOL" FOAM, DRY CHEMICAL, FOAM, OR ANY CLASS B EXTINGUISHING AGENT.

SPECIAL FIRE FIGHTING PROCEDURES  
WEAR SELF-CONTAINED BREATHING APPARATUS WHEN FIRE FIGHTING IN CONFINED SPACES

USUAL FIRE AND EXPLOSION HAZARDS  
IF WATER IS USED, FOG NOZZLES ARE PREFERRED. VAPORS ARE HEAVIER THAN AIR AND TRAVEL CONSIDERABLE DISTANCES TO A SOURCE OF IGNITION AND FLASHBACK. USE WATER FOG TO COOL CONTAINERS TO PREVENT RUPTURING.

## \*\*\*\*\* REACTIVITY DATA \*\*\*\*\*

INCOMPATIBILITY (MATERIALS TO AVOID)  
OXIDIZING MATERIALS CAN CAUSE VIOLENT REACTIONS.

HAZARDOUS DECOMPOSITION PRODUCTS  
COMBUSTION WILL PRODUCE FUMES, SMOKE, CARBON DIOXIDE AND CARBON MONOXIDE

WILL HAZARDOUS POLYMERIZATION OCCUR  
NO

CONDITIONS TO AVOID/POLYMERIZATION  
N/A

IS THE PRODUCT STABLE  
YES

CONDITIONS TO AVOID/STABILITY  
OXIDIZING MATERIALS

## \*\*\*\*\* SPILL AND LEAK PROCEDURES \*\*\*\*\*

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED  
ISOLATE, ABSORB AND VENTILATE (OPEN ALL DOORS). REMOVE ALL IGNITION SOURCES  
FLAMES, HOT SURFACES. AVOID BREATHING VAPORS, USE RESPIRATORY PROTECTIVE  
DEVICE. OPEN ALL DOORS AND WINDOWS.

WASTE DISPOSAL METHOD  
IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. BEFORE ATTEMPTING CLEAN-UP REFER TO HAZARD CAUTION INFORMATION IN THE OTHER SECTIONS OF THIS FORM

## \*\*\*\*\* EXPOSURE CONTROL INFORMATION \*\*\*\*\*

## VENTILATION

LOCAL EXHAUST SPECIAL.....	NOT ADEQUATE N/A	MECHANICAL (GEN) OTHER.....	NOT TO EXCEED TLV N/A
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RESPIRATORY PROTECTION  
RESPIRATOR CARTRIDGE TYPE WHICH APPROVED, IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL.

PROTECTIVE GLOVES  
NEOPRENE (HAZARD 8 OR GREATER)

OTHER PROTECTIVE EQUIPMENT  
CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS ARE ADVISED; HOWEVER OSHA REGULATIONS ALSO PERMIT OTHER TYPES OF SAFETY GLASSES. CONSULT YOUR SAFETY REPRESENTATIVE.

OTHER ENGINEERING CONTROLS  
NONE

WORK PRACTICES  
FOLLOW GOOD HOUSEKEEPING AND PERSONAL HYGIENE. PERSONAL CONTACT SHOULD BE AVOIDED.

HYGIENIC PRACTICES  
SEE ABOVE

## \*\*\*\*\* SPECIAL PRECAUTIONS \*\*\*\*\*

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE  
AVOID HIGH TEMPERATURES. DO NOT STORE NEAR HEAT, SPARKS OR FLAME. PREVENT PROLONGED BREATHING OF VAPOR OR SPRAY MIST.

MAINTENANCE PRECAUTIONS  
N/A

OTHER PRECAUTIONS  
DO NOT TAKE INTERNALLY. AVOID BREATHING OF VAPOR, FUMES OR DUST. KEEP OUT OF REACH OF CHILDREN. AVOID PROLONGED CONTACT WITH SKIN. DO NOT GET IN EYES. FOLLOW LABEL DIRECTIONS.

OTHER COMMENTS