

SECTION 1: IDENTIFICATION OF PRODUCT

FORMULA: MIXTURE OF ACRYLIC COPOLYMER RESIN AND SOLVENT FOR SURFACE PROTECTION OF ARTWORK.

SYNONYM OR CROSS REFERENCE: TALAS COMPANY PROTECTIVE LACQUER

**MATERIAL
SAFETY
DATA
SHEET****NFPA RATINGS**HEALTH HAZARD: 1
FIRE & EXPLOSION: 3
REACTIVITY: 0
PROTECTION: 8**SECTION 2: HAZARDOUS INGREDIENTS**MATERIAL: ACETONE, CAS NO. 67-64-1: (LESS THAN 85%),
ACRYLIC COPOLYMER (PROPRIETARY)

NATURE OF HAZARD: FLAMMABLE LIQUID. LESS THAN 1 LITER SHIPS AS ORM-D

DOT CLASSIFICATION (> 1 LITER): PAINT/PAINT RELATED MATERIAL, UN 1263, CLASS 3, PG II.

SECTION 3: PHYSICAL DATA

MELTING POINT: °F: N/A

BOILING POINT: °F: 133

VAPOR PRESSURE: (MM HG): 186 AT 68°F.

SPECIFIC GRAVITY: (H₂O=1): 0.85 at 68°F

VAPOR DENSITY: (AIR =1): 2.0

WATER SOLUBILITY: PARTIAL (RESIN PRECIPITATES)

PH OF SOLUTION: N/A

PERCENT VOLATILE: APPROX. 85%

EVAPORATION RATE: (BUAC =1): GREATER THAN 1 (APPROX. 6)

APPEARANCE: CLEAR, COLORLESS LIQUID. CHARACTERISTIC SHARP KETONE ODOR.

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (method used): -4°F. (TCC)

FLAMMABLE LIMITS: LEL=2.8%, UEL 13.2%

FIRE EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL OR FOAM.

SPECIAL FIRE FIGHTING PROCEDURES: NONE FOR LAB QUANTITIES. IF SAFE, REMOVE CONTAINERS FROM SOURCES OF HEAT AND COOL THEM.

UNUSUAL FIRE AND EXPLOSION HAZARD: FLAMMABLE LIQUID. VAPORS MAY BE IGNITED BY HEAT, SPARKS, FLAMES OR STATIC ELECTRICITY. CONTAINERS MAY RUPTURE IF EXPOSED TO EXTREME HEAT.

SECTION 5: HEALTH HAZARD

THRESHOLD LIMIT VALUE: TWA 1000 PPM (OSHA). (ACGH - SKIN NOTATION)

HEALTH HAZARDS: Effects of overexposure to product.

Skin: PROLONGED CONTACT CAN CAUSE DRYING IRRITATION AND CHAPPING.

Eyes: EXPOSURE TO LIQUID CAN CAUSE SEVERE IRRITATION, REDNESS, TEARING AND BLURRED VISION.

Inhalation: HIGH CONCENTRATIONS OF VAPOR CAN CAUSE IRRITATION TO RESPIRATORY SYSTEM, HEADACHE, NAUSEA, DIZZINESS, FATIGUE AND AGGRAVATION OF PRE-EXISTING PULMONARY CONDITIONS.

Ingestion: LOW DEGREE OF TOXICITY. INGESTION CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, AND VOMITING.

FIRST AID PROCEDURES:

Skin: WASH WELL WITH SOAP AND WATER. IF IRRITATION DEVELOPS GET MEDICAL ATTENTION.

Eyes: FLUSH WITH PLENTY OF COOL WATER FOR 15 MINUTES, WHILE HOLDING EYE LIDS APART. GET PROMPT MEDICAL ATTENTION.

Inhalation: IF AFFECTED, REMOVE TO FRESH AIR. IF IRRITATION PERSISTS OR WORSENS GET MEDICAL ATTENTION.

Ingestion: GIVE GLASS OF WATER OR MILK AND INDUCE VOMITING MECHANICALLY OR WITH SYRUP OF IPECAC. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

CARCINOGENICITY: NO INGREDIENTS IDENTIFIED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY NTP, IARC OR OSHA.

SECTION 6: REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: HEAT, SPARKS AND OPEN FLAMES

INCOMPATIBILITY (MATERIALS TO AVOID): ACTIVE METALS, OXIDIZING AGENTS, STRONG BASES.

HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION WILL FORM IRRITATING FUMES, CARBON DIOXIDE AND POSSIBLY MONOXIDE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

SECTION 7: SPILL AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

IF SPILLED, EXTINGUISH ALL NEARBY SOURCES OF HEAT, SPARKS OR IGNITION AND VENTILATE THE AREA. RESIDUES MAY BE CLEANED OFF SOLVENT RESISTANT SURFACES WITH ACETONE. LIQUID MAY BE PICKED UP WITH ANY ABSORBENT MATERIAL.

WASTE DISPOSAL METHOD:

ALLOW TO EVAPORATE TO DRYNESS IN A HOOD, OR DISPOSE OF IN APPROVED METAL WASTE CAN. DRY RESIDUES MAY BE DISPOSED OF IN REGULAR TRASH.

SECTION 8: PROTECTION INFORMATION

VENTILATION: LOCAL EXHAUST IS PREFERRED. MECHANICAL ACCEPTABLE.

SKIN: RUBBER OR NITRILE GLOVE.

EYES: SAFETY GLASSES OR SPLASH GOGGLES. DO NOT WEAR CONTACT LENSES WHEN HANDLING CHEMICALS.

RESPIRATORY: NONE NEEDED IN NORMAL USE.

OTHER PROTECTIVE EQUIPMENT: EYE-WASH STATION.

SECTION 9: HANDLING AND STORAGE (lab quantities)

KEEP CONTAINERS WELL CLOSED. STORE IN COOL, DRY, WELL VENTILATED AREA. FOR PROFESSIONAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. AVOID HEAT AND DIRECT SUNLIGHT. NORMAL PRECAUTIONS OF LABORATORY GOOD HOUSEKEEPING PRACTICES SHOULD BE FOLLOWED.

SECTION 10: MISCELLANEOUS INFORMATION

REGULATIONS RELATED TO STORAGE AND HANDLING OF FLAMMABLE LIQUIDS SHOULD BE FOLLOWED.

EMERGENCY RESPONSE: INFOTRAC OR CHEMTREC.

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MATERIAL: PROTECTIVE LACQUER

ADDITIONAL INFORMATION:

US FEDERAL REGULATIONS:

TSCA: Ingredients are listed on the TSCA Inventory. None of the ingredients are listed under TSCA Section 12b or have a SNUR under TSCA.

HEALTH AND SAFETY REPORTING LIST: No ingredients are listed on the H&SR List.

CERCLA HAZARDOUS SUBSTANCES RQ: 5000 lbs. final Reportable Quantity.

SARA SECTION 302: No ingredients have a TPQ.

SARA CODES: Immediate, fire.

SARA SECTION 313: No ingredients are reportable.

CLEAN AIR ACT: Does not contain any hazardous air pollutants, Class 1 or Class 2 Ozone Depletors.

CLEAN WATER ACT: No ingredients listed as Hazardous Substances, Priority Pollutants or Toxic Pollutants under the CWA.

STATE: Ingredients are found on the following states RTK lists. CA, NJ, PA, MN, MA. No ingredients on the CA Proposition 65 list.