

E. U. MATERIAL SAFETY DATA SHEET
SPECIALTY PRODUCTS CO.
1691 CALIFORNIA AVE. CORONA CA. 92881

1. **CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

CHEMICAL FAMILY Petroleum Hydrocarbons
FORMULA Waxes/Solvents
PRODUCT NAME Golden Wax Liquid 2
PRODUCT CODE P51701R
PRODUCT TYPE Liquid
APPLICATION Mold Release Agent

SUPPLIER

Specialty Products Co.

Chemtrec's Emergency Number

EMERGENCY TELEPHONE NUMBERS

+1 951 479 0179 (9:00 to 17:00, Monday through Friday)

+1 800 424-9300 in the U.S.A., +1 703-527-3887 out of the U.S.A.

"Only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals"

2. **COMPOSITION/INFORMATION ON INGREDIENTS:**

HAZARDOUS INGREDIENTS

INGREDIENT NAME	CAS NUMBER	EC HAZARD SYMBOLS	EC RISK PHRASES	CONCENTRATION
Toluene	108-88-3	F, Xn	R10, R20/21/22, R36/37/38	75 – 80%
Mineral Spirits	64741-41-9	F, Xi	R10, R36/37/38	10 – 15%
High Flash Naphtha	64742-95-6	F, Xi	R10, R36/37/38	5 – 10%

3. **HAZARDOUS IDENTIFICATION**



+ F : Highly flammable,



+ Xi : Irritant, +Xn: Harmful

HMIS RATING Health: 2 Flammability: 3 Reactivity: 0 Protection: See Section 8

NFPA RATING Health: 2 Flammability: 3 Reactivity: 0

EMERGENCY OVERVIEW

POTENTIAL HEALTH EFFECTS: Health studies have shown that many petroleum hydrocarbons and synthetic lubricants pose potential human health risks which vary from person to person. As a precaution, exposure to liquids, vapors, mists, or fumes should be minimized.

ROUTES OF ENTRY: Skin and inhalation.

HUMAN EFFECTS AND SYMPTOMS OF OVEREXPOSURE:

INHALATION: At high vapor concentrations, can cause breathing difficulties, dizziness, or light-headedness. Can cause respiratory tract irritation and CNS depression.

SKIN CONTACT: Prolonged or repeated skin contact with this product tends to remove skin oils possibly leading to irritation and dermatitis.

EYE CONTACT: Product contacting the eye can cause irritation.

INGESTION: This material is slightly toxic by ingestion and an aspiration hazard. Can enter lungs during swallowing or vomiting and cause lung inflammation and damage. This product may be harmful or fatal.

CARCINOGENICITY

NTP: None **IARC:** None **OSHA:** None

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing skin conditions may be aggravated by exposure. Deliberate or prolonged overexposure by inhalation of this product at high concentrations has been shown to cause liver, kidney and brain damage which can be permanent.

4. **FIRST AID MEASURES**

FIRST AID FOR EYES: If splashed into eyes, flush with clear water for 15 minutes or until irritation subsides. If irritation persists, call physician.

FIRST AID FOR SKIN: In case of skin contact, remove contaminated clothing and wash skin thoroughly with soap and water. Seek medical attention, if irritation persists.

FIRST AID FOR INHALATION: If overcome by vapor from product, immediately remove from exposure and call physician. If breathing is irregular or has stopped, start resuscitation, administer oxygen if available.

FIRST AID FOR INGESTION: Harmful or fatal if ingested. If ingested, do not induce vomiting. Call physician immediately. "Induced vomiting may cause aspiration of product into the lungs.

5. **FIRE FIGHTING MEASURES:**

FLASH POINT: 62°F (17°C) cc

EXTINGUISHING MEDIA: Foam, dry chemical, carbon dioxide and vaporizing liquid type extinguishing agents may all be suitable for extinguishing fires involving this type product, depending on size or potential size of fire and circumstances related to the situation. Plan fire protection and response strategy through consultation with local fire protection authorities or appropriate specialists.

SPECIAL FIRE FIGHTING PROCEDURES: Empty containers retain residue (liquid or vapor) and can be dangerous. Do not pressurize, weld, cut, braze, solder, drill, grind or expose such containers to heat, flame, sparks, or other sources of ignition; they may explode and cause injury or death. Do not attempt to clean since residue is difficult to remove.
contemplated operations.

UNUSUAL FIRE AND EXPLOSION HAZARDS: "Empty" drums should be completely drained, properly bunged, and returned to a drum re-conditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with government regulations. For work on tanks refer to Occupational Safety and Health Administration regulations, ANSI Z49.1, and other governmental and industrial references pertaining to cleaning, repairing, welding, or other

6. **ACCIDENTAL RELEASE MEASURES:**

PERSONAL PRECAUTIONS: Exhaust all sources of ignition. Prevent spread of spill. Provide ventilation sufficient to prevent concentration of vapor, especially in enclosed spaces.

PERSONAL PROTECTION: Wear appropriate protective clothing and equipment to avoid contact and inhalation of vapors.

ENVIRONMENTAL PRECAUTIONS: Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas.

CLEAN-UP METHODS: Absorb with sand or inert material. Sweep or scoop up and remove. Assure conformity with local regulations.

7. **HANDLING AND STORAGE**

HANDLING PRECAUTIONS: Use good industrial hygienic practices. Minimize breathing vapor, mist, or fumes. Avoid prolonged or repeated contact with skin. Remove contaminated clothing, launder or dry-clean before reuse. Remove contaminated shoes and thoroughly clean before reuse; discard if oil-soaked. Cleanse skin thoroughly after contact, before breaks and meals, and at end of work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.

STORAGE PRECAUTIONS: Keep containers closed when not in use. Do not handle near heat, sparks, flame or strong oxidants. To prevent fire or explosion risk from static accumulation and discharge, effectively ground product, transfer system in accordance with the National Fire Protection Association.

SHELF LIFE: Three years from date of manufacture.

SPECIAL SENSITIVITY: Strong oxidants and extreme heat exposure.

8. **EXPOSURE CONTROLS/PERSONAL PROTECTION:**

Mineral Spirits	TLV OSHA 500 PPM
Toluene	TLV 200 PPM
High Flash Naphtha	TLV OSHA 100 PPM

EYE PROTECTION REQUIREMENTS: Use splash goggles or face shield when eye contact may occur.

SKIN PROTECTION REQUIREMENTS: Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing which could result in prolonged or repeated skin contact.

RESPIRATORY/VENTILATION REQUIREMENTS:

RESPIRATORY PROTECTION: The use of respiratory protection depends on vapor concentration TLV. Use a respirator/gas mask (NIOSH approve) or supply air equipment could result in prolonged or repeated skin contact.

VENTILATION: (Always maintain below permissible exposure limits.) Use local exhaust to capture vapor, mist or fumes, if necessary. Provide ventilation sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations of vapor of air.

9. **PHYSICAL AND CHEMICAL PROPERTIES:**

PHYSICAL FORM:	Liquid
COLOR:	Light yellow
ODOR:	Aromatic
BOILING POINT:	231 to 300°F (110°C to 148°C)
PH:	Not Applicable
SOLUBILITY IN WATER:	Negligible
SPECIFIC GRAVITY:	0.86
BULK DENSITY:	7.2 lb (3.27 kg) /gal
% VOLATILE BY WEIGHT:	96%
VAPOR PRESSURE:	< 1 (Ether = 1)
VAPOR DENSITY:	> 1 (Air = 1)
VOC CONTENT:	96%

10. **REACTIVITY:**

STABILITY: This product is stable and will not react violently with water.

CONDITIONS TO AVOID: Open flame, extreme heat.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITIES: Strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite.

11. **TOXICOLOGICAL INFORMATION:**

Acute toxicity inhalation:	Can cause respiratory tract irritation and CNS depression.
Acute toxicity dermal:	Prolonged skin contact may result in irritation and/or dermatitis.
Acute toxicity oral:	None known for this product as a whole.
Carcinogenicity:	Not expected to be carcinogenic.

12. **ECOLOGICAL INFORMATION:** Avoid product from entering sewers, watercourses or extensive land areas.

13. **DISPOSAL CONSIDERATIONS:**

WATER DISPOSAL METHOD: (Consult federal, state, or local authorities for proper disposal procedures.) Assure conformity with applicable disposal regulations. Dispose of absorbed material at an approved waste site or facility.

14. **TRANSPORTATION INFORMATION:**

ROAD/RAIL TRANSPORT ADR/RID:

UN Number:	1993
Proper Shipping Name:	Flammable liquids, n.o.s. (toluene, mineral spirits)
Class:	3
Packing Group:	II
Hazard Symbol:	3

MARINE TRANSPORT IMO:

UN Number:	1993
Proper Shipping Name:	Flammable liquids, n.o.s. (toluene, mineral spirits)
Class:	3
Packing Group:	II
Hazard Symbol:	3
Marine Pollutant:	No

AIR TRANSPORT ICAO/IATA:

UN Number:	1993
Proper Shipping Name:	Flammable liquids, n.o.s. (toluene, mineral spirits)
Class:	3
Packing Group:	II
Hazard Symbol:	3

15. **REGULATORY INFORMATION:**

EC LABEL NAME: Contains petroleum distillates
EC CLASSIFICATION: Flammable, Harmful, Irritant
EC SYMBOL: Xn – Harmful

EC RISK PHRASES:

(R10) Flammable
(R36/37/38) Irritating to eyes, respiratory system and skin
(R20/21/22) Harmful by inhalation, in contact with skin if swallowed

EC SAFETY PHRASES:

- (S7) Keep container tightly closed.
- (S16) Keep away from sources of ignition – No smoking.
- (S24/S25) Avoid contact with skin and eyes.
- (S26) In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- (S27/S28) Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of soap and water.
- (S36/37/39) Wear suitable protective clothing, gloves and eye/face protection.
- (S52) If swallowed, do not induce vomiting. Seek medical advice immediately and show this container or label.

16. **OTHER INFORMATION:**

Toxic Substance Control Act (TSCA): all components in this material are included in the TSCA inventory.

USES AND RESTRICTIONS: Make sure container is tightly closed when not in use to avoid evaporation of the solvent. This product is intended to be used for “Industrial Purposes Only”.

PREPARED BY: Ernest J. Ballester
DATE: November 4, 2009

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