



SAFETY DATA SHEET

SECTION 1. Identification

Product Identifier: Trade Name: No. 331 Release Away
Chemical names, common names: Complex petrochemical based solution

Manufacturer's Name: HURST CHEMICAL COMPANY
Address: 2360 Eastman Avenue # 108, Oxnard, CA 93030
Product Information, Call: (800) 723-2004
Emergency Phone Number: CALL CHEMTREC, 24 HOUR: (800) 424-9300
DOT CLASSIFICATION: Flammable Liquids, n.o.s., 3, UN 1993, PG II (Contains isopropyl alcohol)

Recommended Use: Removes Hurst No. 330 Release lacquer coating; restores blanket to its original condition.

Restrictions on Use: Not intended for any other use other than the recommended use of this product. Persons handling and/or using this product should be trained regarding handling and use.

SECTION 2. Hazard(s) Identification

HMIS Health Hazard = 1
HAZARD Flammability = 3
CLASS Reactivity = 0

0 = Least	3 = High
1 = Slight	4 = Extreme
2 = Moderate	

Other: Safety glasses, nitrile gloves
Flash Point °F: 63° TCC
Flammable class: IB

Signal Word: Danger

Hazard Statement(s):

Unusual fire and explosion hazards: This material is combustible and may be ignited by heat or flame, sparks or static electricity. If container is not properly cooled it may explode in heat of fire. Blends containing chlorinated products may exhibit reduced flash point as the non-volatile chlorinate evaporates.

Harmful if Inhaled: Breathing vapors or mists may cause irritation of the nose and throat, signs of nervous system depression.

Contact with skin or eyes: This product is skin and eye irritant.

Harmful if Absorbed through skin: Repeated contact may cause redness, burning and cracking of the skin.

Harmful if Swallowed: Irritation of the digestive tract.

Chronic: Nervous system depression.

Pictograms or hazard symbols:



Precautionary statement(s):

Wash affected areas thoroughly after handling.
Do not eat, drink or smoke when using this product.
Wear protective gloves/protective clothing/eye protection/face protection.
Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.
Do not breathe dust/fume/gas/mist/vapors/spray.
Keep away from heat/sparks/open flames/hot surfaces.
Keep container tightly closed.
Use explosion-proof electrical/ventilating/lighting/and other equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.

Mixture composition and information on ingredients are described in Section 3.

SECTION 3. Composition/ Information on Ingredients

<u>Chemical Names</u>	<u>CAS Number</u>
Isopropanol	67-63-0
Propylene glycol methyl ether	107-98-2
Butyl acetate	123-86-4

SECTION 4. First-Aid Measures

SYMPTOMS OF OVEREXPOSURE FOR EACH POTENTIAL ROUTE OF EXPOSURE

Inhaled: Breathing vapors or mists may cause irritation of the nose and throat, signs of nervous system depression.

Contact with skin or eyes: This product is skin and eye irritant.

Absorbed through skin: Repeated contact may cause redness, burning and cracking of the skin.

Swallowed: Irritation of the digestive tract.

HEALTH EFFECTS OR RISKS FROM EXPOSURE

Acute: Irritation of eyes, skin and mucous membranes

Chronic: Nervous system depression.

EMERGENCY PROCEDURES

Eye contact: Flush eyes immediately with water. If irritation persists seek medical attention.

Skin contact: Wash promptly with soap and water. Inhaled: Move from exposure to fresh air, apply artificial respiration if necessary if breathing has stopped. Seek immediate medical attention.

Swallowed: Seek medical advice. Do not give counter agents or induce vomiting, if victim is unconscious.

COMMENTS: This product has not been identified as a carcinogen or probable carcinogen by NTP, IARC or OSHA. Reports have associated repeated and prolonged occupational over exposure to solvents with permanent brain and nervous system damage (sometimes referred to as solvent or painter's syndrome). Intentional misuse by deliberately concentrating or inhaling this product may be harmful or fatal.

MEDICAL CONDITION AGGRAVATED BY EXPOSURE: Respiratory symptoms associated with pre-existing lung disorders (asthma-like conditions) , blood and/kidney disorders may be aggravated by exposure to this material.

SECTION 5. Fire-fighting Measures

Flash Point °F: 63° TCC

Fire extinguishing materials: Do not use water spray. Carbon dioxide, foam and/or dry chemical may be used.

Special firefighting procedures: Flashback along vapor trail may occur. This material is extremely flammable and may be ignited by heat, sparks, flame or static electricity.

Unusual fire and explosion hazard: The use of self-contained breathing apparatus is recommended for fire fighters. Water spray may be useful in minimizing vapors and cooling containers exposed to heat and flame. Avoid spreading, burning liquid with water used for cooling purposes.

SECTION 6. Accidental Release Measures

Spill response procedures: Keep out of drains, sewers or waterways. Use sand or other inert material to dam and contain spill. Do not flush area with water.

SECTION 7: Handling and Storage

Keep containers tightly closed. Keep containers cool, dry and away from sources of ignition. Use and store this product with adequate ventilation. Avoid inhalation of vapors and personal contact with the product. Use good personal hygiene practice. "Empty" containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, 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.

SECTION 8. Exposure Controls/ Personal Protection

Chemical Names	CAS Number	Exposure Limits in Air	
		ACGIH (TWA)	OSHA (PEL)
Isopropanol	67-63-0	400 ppm	400 ppm
Propylene glycol methyl ether	107-98-2	100 ppm	100 ppm
Butyl acetate	123-86-4	150 ppm	150 ppm

Ventilation and engineering controls: If current ventilation practices are not adequate to maintain airborne concentrations below established exposure limits, additional ventilation or exhaust systems may be required. Where explosive mixtures may be present, electrical systems safe for such locations may be used.

Respiratory Protection: The use of respiratory protection is advised when concentrations exceed the established exposure limits. Powered air-purifying/ or supplied air/ or Negative pressure respirators shall be used which have filter elements approved by NIOSH for organic vapors.

Eye Protection: Use solvent splash-proof safety goggles.

Gloves: The use of nitrile gloves impermeable to the specific material handled is advised to prevent skin contact and possible irritation.

Other clothing and equipment: Eye wash and quick drench shower facilities should be available in the work area. Thoroughly clean shoes and wash contaminated clothing before reuse.

SECTION 9. Physical and Chemical Properties

- Appearance (physical state, color, etc.): Clear colorless liquid
- Upper/lower flammability or explosive limits: Flammable limits in air, volume%: lower-2.0 upper-15.0
- Odor: strong alcohol odor
- Vapor pressure: Information may not be relevant or is not available.
- Odor threshold: Information may not be relevant or is not available.
- Vapor density: (air = 1): >1
- pH: Information may not be relevant or is not available.
- Relative density: Density lb/gal: 6.92
- Specific Gravity: 0.83
- Melting point/freezing point: Information may not be relevant or is not available.
- Solubility(ies): in water: 100%
- Initial boiling point and boiling range: Boiling Range °F: 180-300
- Flash point: °F: 63° TCC
- Evaporation rate: (Bu Ac = 1): >1
- Flammability (solid, gas): Flammable class: IB
- Volatile Organic Content (VOC, EPA Method 24): 830gm/l or 6.9 lb/gal
- VOC Composite Partial Pressure, mm Hg at 20°C: 29.6
- Partition coefficient: n-octanol/water: Information may not be relevant or is not available.
- Auto-ignition temperature: N/A
- Decomposition temperature: Information may not be relevant or is not available.
- Viscosity: Information may not be relevant or is not available.

SECTION 10. Stability and Reactivity

Reactivity

Fire and Explosion: CLASS / Reactivity=0, 0=Least

Chemical stability

Stable under ordinary conditions of use and storage.

Other

Incompatibility (materials to avoid): Incompatible with strong acids, bases and oxidizers.

Hazardous decomposition products (including combustion products): Carbon dioxide& carbon monoxide.

Hazardous polymerization: Will not polymerize under ordinary conditions of use and storage.

Unusual fire and explosion hazard: The use of self-contained breathing apparatus is recommended for fire fighters. Water spray may be useful in minimizing vapors and cooling containers exposed to heat and flame. Avoid spreading, burning liquid with water used for cooling purposes.

SECTION 11. Toxicological Information

Routes of exposure (inhalation, ingestion, skin and eye contact are discussed in Section 4. Description of the delayed, immediate, or chronic effects from short- and long-term exposure is discussed in Section 4. Description of the symptoms is discussed in Section 4.

No additional information available and or relevant.

SECTION 12. Ecological Information

Keep out of sewers, drainage areas, and waterways. Consult appropriate local, county, state, and federal agencies regarding ecological issues. Follow appropriate spill response measures as outlined in Section 6.

SECTION 13 Disposal Considerations

Preparing wastes for disposal: Dispose the product in accordance with local, state and federal regulations.

SECTION 14. Transport Information

Transport this product in accordance with local, county, state, and federal regulations.

SECTION 15. Regulatory Information

Section IIA -This product contains the following chemicals subject to reporting requirements of 40 CFR 372, and Environment Canada's NDSL: None

This product contains the following chemicals subject to reporting requirements of SARA 313:
Isopropanol

This product contains the following chemicals subject to reporting requirements of TSCA and Environment Canada's DSL: All

SECTION 16. Other Information

Date Prepared: October 1994

Revised: May 2015

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