

MATERIAL SAFETY DATA SHEET

HARCO 7300 UNIVERSAL SEALER

1-3-2012

SECTION 1

PRODUCT AND MANUFACTURER IDENTIFICATION.

Tradename: Universal Sealer Product Code: 7300
Emergency Phone: (800) 424-9300 (CHEMTREC) Information Phone (732) 821-3200
Manufacturer: Harco Clear Finishes 1999 Elizabeth Street North Brunswick NJ 08902

SECTION 2

HAZARDOUS INGREDIENTS.

Table with 3 columns: Ingredient(s), CAS No., Exposure Limits (TLV, PEL). Rows include Isopropyl Alcohol and Ethyl Alcohol.

Notes:

- 1. "TLV" means the Threshold Limit Value exposure (8-hour time weighted average unless otherwise noted) established by ACGIH.
2. "PEL" refers to the Permissible Exposure Limits for airborne contaminants as specified in 29 CFR 1900-1000.
3. "NE" indicates that neither a TLV nor OSHA Permissible Exposure Limit have been established.
Toxicological Data on Ingredients: Ethyl alcohol 200 Proof: ORAL (LD50): Acute: 7060 mg/kg [Rat]. 3450 mg/kg [Mouse].
VAPOR (LC50): Acute: 20000 ppm 8 hours [Rat]. 39000 mg/m 4 hours [Mouse].

SECTION 3

PHYSICAL PROPERTIES

Product Weight: 6.8+/- 0.1 lbs./gal. Specific Gravity: 0.8 - 0.83
Boiling Range (F): 178 Vapor Density: Heavier than air
Melting Point (F): - 174 Evaporation Rate: Slower than ether
Solubility in Water: Permissible VOC: 730 Grams/Liter MAXIMUM

SECTION 4

FIRE, EXPLOSION HAZARD, & DOT INFO

Flammability DOT Classification: UN 1263, CLASS 3 FLAMMABLE LIQUID, PG I
Flash Point: Closed Cup 12.78 °C (55 °F) Open Cup 17.78 °C (64 °F) [Cleveland]
Flammable limit: Lower 3.3% Upper 19%
AUTO-IGNITION TEMPERATURE: 363° (685°F)
Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam
Special Firefighting Procedures: Full protective equipment including self-contained breathing apparatus should be used. Water may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Table with 2 columns: Hazard Category, Rating. Rows include Health (2), Fire (3), Reactivity (0), and Personal Protection (E).

PRECAUTIONS.

Precautions to be Taken in Handling and Storing.

Keep away from heat, sparks, and open flame.

During use and until all vapors are gone: keep area ventilated by opening ALL windows and doors in and around the applied area. -- DO NOT SMOKE -- extinguish all flames, pilot lights and heaters -- turn off stoves, electric tools and appliances, and any other source of ignition. Consult NFPA code. Use approved bonding and grounding procedures.

Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, expressed or implied, and assume no liability in connection with any use of this information.

******* WARNING *******

THIS PRODUCT IS ONLY TO BE SOLD TO & USED BY PROFESSIONALS ONLY. PLEASE READ ALL CAUTIONS & DIRECTIONS ON THE CAN & THE PRODUCT MSDS BEFORE USING TO UNDERSTAND THE RISKS OF THIS PRODUCT *****

****LA ADVERTENCIA PARA TODO LACQUER SEALER PRODUCTOS****
ESTE PRODUCTO ES DE SOLAMENTE SER VENDIDO Y PARA SER UTILIZADO POR PROFESIONALES SOLAMENTE. LEA POR FAVOR TODOS LOS CUIDADOS Y LAS DIRECCIONES EN LA LATA Y EL PRODUCTO MSDS ANTES DE UTILIZAR PARA COMPRENDER LOS RIESGOS DE ESTE PRODUCTO.*****

APAGE TODO TIPO DE LLAMA ABIERTA ANTES DE EMPEZAR SU TRABAJO.

1. APAGE TODO LOS PILOTOS DE GAS (EN ESTUFAS, CALENTADORES DE AGUA, CALENTADORES DE CALEFACCION, SECADORES DE ROPA, Y CUALQUIER OTRA UNIDAD DE GAS.
2. APAGE TODO TIPO DE UNIDAD QUE CORRE CONTINUAMENTE (REFRIGERADORES, ACONDICIONADORES DE AIRE, UNIDADES DE CALEFACCION, CALENTADORES DE AGUA) Y CUALQUIER OTRO QUE TENGA DISPONIBLE.
3. NO PRENDA O FUME CIGARILLOS CUANDO ESTE HACIENDO EL TRABAJO.

4. NO PRENDA O APAGE LAS LUCES DURANTE EL PROCESO DE APLICAR EL PRODUCTO EN EL PISO. SI ES POSIBLE, APAGE TODO TIPO DE CORRIENTE EN EL AREA DE TRABAJO.

DURANTE EL PROCESO DE APLICAR EL PRODUCTO, VENTILE ADEQUADAMENTE EL AREA DE TRABAJO.

1. ABRA LAS VENTANAS, MANTENGALAS ABIERTAS DURANTE LA APLICACION DEL PRODUCTO HASTA QUE ESTE COMPLETAMENTE SECO.
2. SI VA A USAR AVANICOS ELECTRICOS PARA VENTILACION DEL AREA, TIENEN QUE SER CLASIFICADOS COLO **APRUEBA DE EXPLOSION** Y SER ENCHUFLADO **AFUERA** DEL AREA DEL TRABAJO.

AVISO: USO DE ESTE PRODUCTO ADENTRO ES PROHIBIDO EN LA CIUDAD DE NUEVA YORK.

=====SECTION 5
HEALTH HAZARD DATA.

Routes of exposure: Exposure may be inhalation and/or skin or eye contact, depending on conditions of use. Follow recommendations for proper use, ventilation, and personal protective equipment to minimize exposure.

Acute Health Hazards:

Effects of Overexposure: Irritation of eyes, skin, and respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

Signs and Symptoms of Overexposure: Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors and spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

Emergency and First Aid Procedures:

Eyes: Flush eyes with large amounts of water for 15 minutes while holding eyelids open. Get medical attention.

Skin: Immediately remove contaminated clothing, and wash with plenty of soap and water. Get medical attention if symptoms persist.

Inhalation: Remove patient to fresh air. Administer oxygen if breathing is difficult. Keep warm and quiet. Get medical attention.

Ingestion: Do not induce vomiting. Give patient milk or water to dilute. Immediately consult physician.

Medical Conditions Aggravated by Exposure: None generally recognized.

Chronic Health Hazards: Prolonged overexposure to solvent ingredients in section II may cause adverse effects to the liver, urinary, blood forming, cardiovascular, and reproductive systems. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

===== SECTION 6
REACTIVITY DATA.

Stability: Stable.

Conditions to avoid: Keep containers closed at all times.

Incompatibility: Contamination with acids, or alkalis can cause evolution of hydrogen, which may result in dangerously increased pressures in closed containers.

Hazards Decomposition Products: Carbon monoxide and/or carbon dioxide.

Hazardous Polymerization: Will not occur.

===== SECTION 7

SPILL OR LEAK PROCEDURES.

Steps to be taken in case material is released or spilled. Remove all sources of ignition. Ventilate and remove with inert absorbent.

Waste Disposal Method

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA), 42 U.S.C. section 6901 et seq., and regulations thereunder, 40 C.F.R. Part 261. Dispose of in accordance with applicable federal, state and local regulations.

=====SECTION 8

PROTECTION INFORMATION.

Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wash hands after using.

Ventilation.

Local exhaust preferable. General exhaust acceptable if the exposure to materials in section II is maintained below applicable exposure limits. Refer to OSHA standards 1910.94, 1910.107, and 1910.108.

Respiratory Protection.

If personal exposure cannot be controlled ventilation, wear properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection from materials in section II.

Protective Gloves.

Wear gloves which are recommended by glove supplier for protection against materials in Section II.

Eye Protection.

Wear safety spectacles with unperforated side shields.

=====SECTION 9

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