

Absolute Coatings

1999 Elizabeth Street North Brunswick, New Jersey 08902

Safety Data Sheet – Harco 7600 Sanding Sealer

Revision Date: 5/1/2020

Version: 1

1. IDENTIFICATION

Product Name:	Clear Lacquer Sealer
Product Number :	HC7600VOC
Product Class:	COATING
Chemical Formula:	MIXTURE
General Use and Restrictions :	PAINT COATING / HANDLE AS A FLAMMABLE LIQUID/ KEEP AWAY FROM FLAME OR SPARK
Manufacturer Information:	ABSOLUTE COATINGS 1999 ELIZABETH STREET NORTH BRUNSWICK, NJ 08902 (732) 821-3200
Emergency Contact Number:	CHEMTREC: TEL: 800-424-9300

2. HAZARD IDENTIFICATION

GHS CLASSIFICATION:

Flammable Liquid	(Category 2)
Acute Toxicity (Inhalation, Dermal)	(Category 4)
Skin Irritation	(Category 2)
Serious Eye Damage	(Category 1)
Germ Cell Mutagenicity	(Category 1B)
Carcinogenicity	(Category 1A)
Reproductive Toxicity	(Category 1B)
Skin Sensitization	(Category 1B)
Specific target organ toxicity- single exposure	(Category 3 [Central Nervous System])
Specific target organ toxicity- repeated exposure	(Category 2[Auditory System, Eyes, Peripheral Nervous System])

HAZARD PICTOGRAMS:



SIGNAL WORD: Danger

PHYSICAL STATE: Product is a liquid.

HAZARD STATEMENTS

- H225: Highly flammable liquid and vapor.
- H312 + H332: Harmful in contact with skin, or if inhaled.
- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H318: Causes serious eye damage.
- H336: May cause drowsiness or dizziness.
- H340: May cause genetic defects.

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H350: May cause cancer. H360: May damage fertility or the unborn child.
H371: May cause damage to organs.
H373: May cause damage to organs through prolonged or repeated exposure.

PRECAUTIONARY STATEMENTS:

Prevention:

P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233: Keep container tightly closed.
P240: Ground/bond container and receiving equipment.
P241: Use explosion-proof electrical/ventilating/lighting/equipment.
P242: Use only non-sparking tools.
P243: Take precautionary measures against static discharge.
P261: Avoid breathing fumes/mist/vapors/sprays.
P264: Wash hands thoroughly after handling.
P270: Do not eat, drink, or smoke when using this product.
P271: Use only outdoors or well-ventilated area.
P280: Wear protective gloves/clothing/eye protection.
P281: Use personal protective equipment as required.

Response:

P301+P312+P330: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353: IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse SKIN with water/shower.
P304+P340+P312: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
P305+P351+P338+P310: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue Rinsing. Immediately call a POISON CENTER or doctor/physician
P331: DO NOT induce vomiting.
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P337+P313: If eye irritation persists: Get medical advice/attention.
P362: Take off contaminated clothing and wash before reuse.
P370+P378: In case of fire: Use water spray/carbon dioxide/dry chemical/alcohol foam/dry sand for extinction.

Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.
P235: Keep cool.
P405: Store locked up.

Disposal:

P501: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Concentration % Weight	Add Info	Additional Information
Acetone	67-64-1	60-65%	n/a	n/a
Nitrocellulose	9004-70-0	7-12%	n/a	n/a
Modified Rosin Ester	Proprietary	6-12%	n/a	n/a

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Glycol Ether EB	111-76-2	4-10%	n/a	n/a
Toluene	108-88-3	3-8%	n/a	n/a
Isopropanol	67-63-0	3-8%	n/a	n/a
Xylene	1330-20-7	2-7%	n/a	n/a
N-Butanol	71-36-3	2-7%	n/a	n/a
Isobutyl Isobutyrate	97-85-8	2-7%	n/a	n/a
Lacolene	68410-97-9	1-5%	n/a	n/a
Butyl Acetate	123-86-4	1-5%	n/a	n/a
Diocetyl Phthalate	117-81-7	1-5%	n/a	n/a

4. FIRST AID MEASURES

Inhalation; Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.

Skin Contact: In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Wash skin with soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical advice/attention.

Eye Contact: If product comes in contact with your eyes: Rinse cautiously with water for several minutes. Remove contact lenses, Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion: Do NOT induce vomiting immediately after consumption provide large amounts of water then induce vomiting by touching back of the throat with finger . If person is drowsy or unconscious and vomiting, place on the left side with head down. Seek immediate medical attention.

Notes to Physician: All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

***For symptoms and effects, of both acute and delayed symptoms, refer to section 11 Toxicological Information**

5. FIRE-FIGHTING MEASURES :

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

Liquid and vapor are highly flammable. Severe fire hazard when exposed to heat, flame and/or oxidizers. Vapor may travel a considerable distance to source of ignition. Vapors may also travel along the ground to be ignited at locations distant from the handling site; flashback of flame to the handling site may occur. Keep containers tightly closed.

Heating may cause expansion or decomposition leading to violent rupture of containers. Isolate from heat, sparks, electrical equipment and open flame. Closed containers may explode if exposed to extreme heat. Drum lids can be blown off. Do not apply to hot surfaces. On combustion, may emit toxic fumes of carbon monoxide (CO) or nitrous gases. Over exposure to decomposition products may cause health hazard.

EXTINGUISHING MEDIA: Use water fog/spray, alcohol-resistant foam, dry chemical or CO₂. Do not use a direct stream of water. Product will float and may be reignited on surface of water. Water may be used to cool un-ruptured containers but may be ineffective on burning liquid. If water is used, fog nozzles are preferable. Do not enter area without proper protection equipment including NIOSH approved self-contained breathing apparatus. In the case of large fires, also cool surrounding equipment and structures with water. After the fire is extinguished, material may be unstable, could reignite or produce toxic fumes. Therefore, ensure that residual material is thoroughly wetted with water.

NFPA Flammable and Combustible Liquids Classification

Flammable Liquid Class IB

6. ACCIDENTAL RELEASE MEASURES

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PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Personal Precautions: Wear appropriate protective equipment including respiratory protection as conditions warrant. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection (see Section 8).

Emergency Procedures: As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area) Keep out of low areas. Keep unauthorized personnel away. Stay upwind. Ventilate closed spaces before entering.

Large Spills: Evacuate the hazard area of unprotected personnel. Wear appropriate respirator and protective clothing. Shut off source of leak only if safe to do so. Dike and contain. If vapor cloud forms water fog may be used to suppress; contain run-off. Remove with vacuum trucks or pump to storage/salvage vessels. Soak up residue with an absorbent such as clay, sand or other suitable material; place in non-leaking containers for proper disposal according to the local/national regulations (see Section 13).

Small Spills: Take up with an absorbent material and place in non-leaking containers. Seal tightly for proper disposal.

Environmental Precautions: Avoid run off to waterways and sewers. Prevent spillage from entering drains, surface, and groundwater. Contain and recover liquid when possible. Report the accidental spill/release to Local/State government.

7. HANDLING AND STORAGE

PRECAUTION FOR SAFE HANDLING

Do not handle until manufacturer safety precautions have been read and understood. Do not store above 90°F. Store large quantities only in buildings designed to comply with OSHA 1910.106. Keep closure tight and container upright to prevent leakage. Store drum out of sun and away from heat. Release internal pressure at least weekly by slowly loosening closure and retightening immediately. Do not store or use near heat, sparks or flame. Store only in well ventilated areas. Drums of this material should be grounded and bonded when pouring. Never use pressure to empty-drum it is not a pressure vessel. Do not puncture, drag or slide container. Drums must not be washed out or used for other purposes. Do not get in eyes and avoid skin contact. Can cause allergic skin or respiratory reactions. Cannot be made non-poisonous. Liquid may penetrate shoes and leather causing irritation. Prevent prolonged or repeated breathing of vapor or overspray. Avoid contact with or breathing vapors released during drying or curing process. Do not weld or flame-cut empty drum. Do not eat or smoke in areas where this product is handled, processed or stored. Wash with soap and water before eating,

RESPIRATORY PROTECTION: If exposure may or does exceed occupational exposure limits use a NIOSH-approved respirator to prevent overexposure. In accord with 29 CFR 1910-134 use either an atmosphere-supplying respirator or an air-purifying respirator for organic vapors.

PROTECTIVE CLOTHING: Wear impervious gloves and protective clothing as required to prevent skin contact. Wear chemical goggles to prevent eye contact.

ADDITIONAL PROTECTIVE MEASURES: Use explosion-proof ventilation as required to control vapor concentrations.

VENTILATION: Sufficient ventilation must be provided to keep air contaminant concentrations below current applicable OSHA permissible exposure limit. Additional engineering controls, work practices and training may be required depending on exposure levels. These are discussed in the OSHA respiratory protection standard (29 CFR 1910.134) and OSHA Hazard Communications Standard (29 CFR 1910.120).

SMOKING AND EATING: Do not smoke, consume or store food or drinks in areas where the product is handled or stored. After handling the product, wash hands thoroughly before leaving the work area.

CONTAMINATED ITEMS: Empty product containers, contaminated clothing and cleaning materials, etc. should be considered hazardous until decontaminated or properly disposed of according to federal, state and local laws and regulations.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Storage: Store in a cool/low-temperature, well-ventilated place away from heat and ignition sources. Keep container closed

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when not in use. Keep away from incompatible materials.

INCOMPATIBLE MATERIALS OR IGNITION SOURCES:

Keep away from heat, ignition sources oxidizers and strong acids

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits /Guidelines

ACGIH: 20 ppm TWA

NIOSH REL: 5 ppm TWA; 24 mg/m³

OSHA Z-1: 50 ppm TWA; 240 mg/m³

EXPOSURE CONTROLS

Engineering Measures/Controls :

Adequate ventilation systems as needed to control concentrations of airborne contaminants below exposure limit values and lower explosive limit.

Eye wash stations or portable eye wash should be available on site and when product is used.

PERSONAL PROTECTIVE EQUIPMENT



Eye Protection: Safety glasses equipped with side shields are recommended as minimum protection in industrial settings. Chemical goggles should be worn during transfer operations or when there is a likelihood of misting, splashing, or spraying of this material. A suitable emergency eye wash water and safety shower should be located near the work station.

Skin protection: Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Clothing: Avoid skin contact. Wear long-sleeved fire-retardant garments while working with flammable and combustible liquids. Additional chemical-resistant protective gear may be required if splashing or spraying conditions exist. This may include an apron, boots and additional facial protection. If product comes in contact with clothing, immediately remove soaked clothing and shower. Promptly remove and discard contaminated leather goods.

Respirators: Respirators should be used in accordance with OSHA requirements (29 CFR 1910.134). For airborne vapor concentrations that exceed the recommended protection factors for organic vapor respirators, use a full-face, positive-pressure, supplied air respirator. Due to fire and explosion hazards, do not enter atmospheres containing concentrations greater than 10% of the lower flammable limit of this product.

General Industrial Hygiene Considerations:

Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Safety shower and eye wash should be available close to work areas.

Environmental Exposure Controls:

Follow best practice for site management and disposal of waste. Avoid release to the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

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Material Description			
Physical form	Transparent Liquid		
Color	Clear Liquid		
Odor	Strong Solvent Odor		
General Properties			
Boiling Point	133-723°F	Viscosity	TBD
Decomposition Temp	N/A	Volatility	TBD
PH Rating	N/A	Vapor Pressure	1.2-181mmHg @20
Density	7.19	Evaporation Rate	Is slower than ether
Water Solubility	Insoluble	VOC (Vol.)	TBD
Auto-ignition temperature	230540°C		
Oxidizing Properties	N/A	Flash Point	-4 °F
Vapor Density	1-13.5 (air=1)	Specific Gravity	0.86
WT/GAL	7.19 lbs.	LEL	1.2-5.5%
		UEL	7.5-36.5%

10. STABILITY AND REACTIVITY

Stable: Yes

Hazardous Polymerization: No

Reactivity Vapor is explosive when exposed to heat or flame

Chemical stability Stable

Possibility of hazardous reaction No

Condition to avoid

Product is flammable – Keep away from sources of ignition. Avoid the higher temperatures. Keep away from open flame, heating elements and heat radiating surface and prevent formation of the vapors mixtures with air within LEL and UEL.

Incompatible materials Heat, flame, strong oxidizers, nitric and sulfuric acids will attack some forms of plastics, rubber.

Hazardous decomposition products Carbon monoxide, carbon dioxide, oxides of nitrogen

Instability: This product is normally stable.

11. TOXICOLOGICAL INFORMATION

IMPORTANT NOTICE: Reports have associated repeated and prolonged occupational over exposure caps to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling solvents may be harmful or fatal. There may be medical conditions or allergies that become worse upon exposure to solvent containing products.

Routes of exposure

Eye, Skin, inhalation, Ingestion. Symptoms (treatments as indicated in Section 4)

Eye: The liquid produces a high level of eye discomfort and is capable of causing pain and severe conjunctivitis; Corneal injury may develop, if not promptly and adequately treated there may be permanent impairment of vision. May produce eye irritation in some persons and produce eye damage 24 hours exposure. Severe inflammation may be expected with pain. Conjunctivitis can occur following repeated exposure.

Skin: Contact with the material may damage the health of the individual; systemic effects may result following absorption.. The material may cause moderate inflammation of the skin following direct contact. Repeated exposure can cause contact dermatitis which is characterized by redness, swelling and blistering.

Ingestion: Accidental ingestion of the material may be harmful may be fatal or may produce serious damage to the health of the individual. Swallowing of the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis; (ICSC13733). Ingestion may result in nausea, pain and vomiting. Vomit entering the lungs by aspiration may cause potentially lethal chemical pneumonitis.

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Inhalation: Inhalation of vapors or aerosols (mists, fumes), can cause respiratory irritation in some persons. Inhalation of vapors may cause drowsiness and dizziness. This may be accompanied by sleepiness, reduced alertness, and loss of reflexes, reduced co-ordination, and vertigo. Inhalation of high concentrations of gas/vapor causes lung irritation with coughing and nausea, central nervous depression with headache and dizziness, slowing of reflexes, fatigue and in co-ordination. If exposure to highly concentrated solvent atmosphere is prolonged this may lead to narcosis, unconsciousness, even coma and possible death. The use of a quantity of material in an unventilated or confined space may result in increased exposure and an irritating atmosphere developing. Before use mechanical ventilation should be considered.

Chronic exposure: Long term occupational exposure may cause substance accumulation in a human body.

12. ECOLOGICAL INFORMATION

Environmental Fate:

68410-97-9 Toxicity to fish: LC50 (Oncorhynchus mykiss (rainbow trout)):10 mg/l 96 h. Toxicity to daphnia and other aquatic invertebrates: EC50 (Daphnia magna (water flea)): 4.5 mg/l 48 h. Toxicity to algae EC50 (Green algae): 3.1 mg/l 72 h.

CAS#1330-20-7 Toxicity to fish LC50 (Oncorhynchus mykiss(rainbow trout)) 2.6 mg/l. Exposure time 96 h. Toxicity to daphnia and other aquatic invertebrates EC50 1mg/l. Exposure time 24 h. Toxicity to algae 4.36mg/l. Exposure time 72 h

CAS# 108-88-3 LC50 (rainbow trout) 5.5 mg/l 96 h. Toxicity to daphnia and other invertebrates: EC50 3.78 mg/l 48 h. Toxicity to algae: EC50 (fresh water algae) 134 mg/l 3 h.

CAS# 111-76-2 Toxicity to fish: LC50 rainbow trout: 1,474 mg/l. Toxicity to daphnia and other aquatic invertebrates: EC50 water flea: 1,800 mg/l. Toxicity to algae: EC50 Green algae: 911 mg/l.

CAS# 67-64-1 Toxicity to fish: LC50 (rainbow trout): 6,100 mg/l 48 h. Toxicity to daphnia and other aquatic invertebrates: EC50 (water flea): 7,630 mg/l 48 h.

CAS #67-63-0 Toxicity to fish: LC50 (Pimephales promelas (fathead minnow)): > 1,000 mg/l Exposure time: 96 h. Toxicity to daphnia and other aquatic inverte-brates LC50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h.

CAS# 123-86-4 Toxicity to fish: LC50 (fathead minnow): 18 mg/l 96h. Toxicity to daphnia and other invertebrates: EC50 (water flea): 44 mg/l 48 h. Toxicity to algae EC50 (Green algae): 674.7 mg/l 72 h.

CAS# 117-81-7 LC50 (fathead minnow): 0.67 mg/l 96 h. Toxicity to daphnia and other aquatic invertebrates: EC50 (water flea) >0.16 mg/l 48 h. Toxicity to algae: EC50 (Pseudokirchneriella Subcapitata): >0.003 mg/l 72 h.

CAS# 9004-70-0 Fish Toxicity LC50 (Fathead minnow) >10000 mg/l 96 h. Acture Toxicity for Daphnia ED50 (Daphnia magna water flea) >10000 mg/l 48 h. Acute toxicity for algae: EC50 >10000 mg/l 78 h.

13. DISPOSAL CONSIDERATIONS

Use only licensed transporters and permitted disposal facilities and conform to all laws.

Recycle to process, if possible. Care must be taken to prevent environmental contamination from the use of this material. The user of this material has the responsibility to dispose of unused materials, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. The container for this product can present explosion or fire hazards, even when emptied. To avoid risk of injury, do not cut, puncture, or weld on or near this container. Since the emptied containers retain product residue, follow label warnings even after container is emptied.

RCRA P-Series: None listed

RCRA U-Series: None listed

EPA SARA TITLE III,Section 313

14. TRANSPORTATION INFORMATION

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Shipping information:

Ground / Air / IMDG

Shipping name: Paint

Hazard Class: 3

UN/NA Class: UN1263

Label: Flammable liquid

Packing Group II



15. REGULATORY INFORMATION

United States:

This SDS has been prepared to be in compliance with OSHA regulations and with the New Jersey Right-to-know regulations.

SARA

Section 302 (RQ)

None of the chemicals in this material have a TPQ.

Clean Air Act

This product does contain hazardous air pollutants (HAP), CAS# 108-88-3 Toluene CAS# 1330-20-7 Xylene defined by the U.S. Clean Air Act Section 12 (40 CFR 61)

REGULATORY INFORMATION CONTINUED

STATE

European/International Regulations:

European Labeling in Accordance with EC Directives

Hazard Symbols: F, Xi

Risk Phrases:

R10 Flammable

R33 Danger of cumulative effects

R36 Irritating to eyes

R66 Repeated exposure may cause skin dryness or cracking

R67 Vapors may cause drowsiness and dizziness

Safety Phrases:

S28A After contact with skin, wash immediately with plenty of water

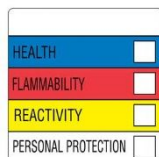
S25 Avoid contact with eyes

S37 Wear suitable gloves

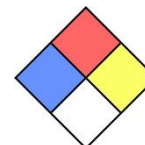
S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible)

WGK (Water Danger/Protection):

HMIS : Health 3
Flammability 3
Reactivity 0
PPE C



NFPA: Health 3
Flammability 3
Reactivity 0



16. OTHER INFORMATION

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Disclaimer of Liability:

Absolute Coatings makes no warranty of any kind regarding the information furnished herein. Users should independently determine the suitability and completeness of information from all sources. While this data is presented in good faith and believed to be accurate, it should be considered only as a supplement to other information gathered by the user. It is the User's responsibility to assure the proper use and disposal of these materials as well as the safety and health of all personnel who may work with or otherwise come in contact with these materials