

SAFETY DATA SHEET

This SDS complies with REACH 1907/2006 and 2001/58/EC, GHS, OSHA 29CFR 1910.1200

Section 1: Chemical Product and Company Identification

MANUFACTURER'S NAME
 Advantage Coatings Technology
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Safety Data Sheet Competent Person:
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DATE PREPARED: November 29, 2014

REVISION DATE: November 29, 2014

PRODUCT NAME: **RAPID DRY SEALER**
 FORMULA: Preparation/Mixture
 PRODUCT USE: Hardwood Floor finish

Section 2: Hazards Identification

GHS Hazard Class

Signal word:

Hazard Statement:

Flammable Liquid -- Category 3

Warning

H226



Flammable liquid and vapor

Precautionary Statements:

Prevention

P210

Keep away from heat, sparks, and open flames – 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 action to prevent static discharges.

P260

Avoid breathing dust/fuel/gas/mist/vapors/spray.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

Response

P370-P378

In case of fire, use foam, dry chemical, or carbon dioxide.

P303+P361+P353

IF ON SKIN (or hair): Take off immediately all contaminated clothing.

P403+P235

Rinse skin with water/shower.

Storage

P403+P235

Store upright in a well-ventilated place. Keep cool.

P405

Store locked up.

Disposal

P501

Waste from Residues and Unused Products: Follow the waste disposal requirements of your country, state, or local authorities.

Hazard(s) Not Otherwise Classified (HNOC): Not classified

HAZARD CLASSIFICATION:

Classified as hazardous based on IATA, IMDG, and DOT.

FIRE AND EXPLOSION:

Considered flammable or combustible.

Product emits toxic fumes when burned.

POTENTIAL HEALTH EFFECTS:

<1 % of mixture consists of ingredients of unknown acute toxicity

APPEARANCE:

Amber liquid

NFPA Rating:

Component	Health (Blue)	Flammability (Red)	Reactivity (Yellow)	Special (White)
RDS	0	2	0	----



Section 3: Composition, Information on Ingredients

PRODUCT COMPOSITION	APPRX %	CAS NO.	EINECS/ELINCS	DANGER SYMBOL	RISK PHRASE	DSL CANADA	TSCA
Stoddard Solvent	<70	8052-41-3	649-345-00-4	Xn	R 65	Y	Y

Trade Secret (TS) Some items on this MSDS may be designated as trade secrets. Bonafide requests for disclosure of trade secret information to medical personnel must be made in accordance with the provisions contained in 29 CFR 1910.1200 I 1-13. The full text for all R-Phrases is shown in Section 16.

Section 4: First Aid Measures

Description of First Aid Measures:

- INHALATION: Remove to fresh air. If not breathing, provide CPR (cardio pulmonary resuscitation). Get immediate medical attention.
- SKIN CONTACT: Immediately flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing.
- EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.
- INGESTION: If swallowed do not induce vomiting, give large quantities of water to drink. Never give anything to an unconscious person. Get immediate medical attention.

Most important symptoms and effects, both acute and delayed:

- Symptoms/Injuries After Ingestion: Ingestion (swallowing) may irritate the mouth, throat and stomach. Aspiration into lungs may cause chemical pneumonia and lung damage. Ingestion is not an anticipated route of exposure for this material in industrial use.
- Symptoms/Injuries After Inhalation: Inhalation of vapors in high concentration may cause irritation of respiratory system. Inhalation of high vapor concentrations can cause CNS-depression and narcosis.
- Symptoms/Injuries After Skin Contact: May cause skin irritation. Symptoms may include redness, drying, defatting, and cracking
- Symptoms/Injuries After Eye Contact: Eye irritation may result.

Chronic Effects: Exposure to organic solvents during pregnancy may cause an increased risk of birth defects.

Indication of any immediate medical attention and special treatment needed

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately.

Section 5: Fire-fighting Measures

- FLASH POINT: 40 °C (104 °F) Seta closed cup)
- FLAMMABLE LIMITS IN AIR (% by vol): 0.8% LEL; 5.6% UEL
- EXTINGUISHING MEDIA: Foam, Dry Chemical Powder, or Carbon Dioxide
- SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus (SCBA) and full fire-fighting protective clothing. Thoroughly decontaminate all protective equipment after use. Evacuate all persons from the fire area to a safe location. Move non-burning material, as feasible, to a safe location as soon as possible. Fire fighters should be protected from potential explosion hazard while extinguishing the blaze. DO NOT extinguish a fire resulting from the flow of this combustible liquid until the flow of liquid is effectively shut off. This precaution will help prevent the accumulation of an explosive vapor-air mixture after the initial fire is extinguished. Use water spray to cool fire-exposed containers.
- UNUSUAL FIRE AND EXPLOSION HAZARDS: Combustible material. Vapors may form explosive mixtures with air. Flash back possible over considerable distance. When driers such as cobalt naphthanate are added, air oxidation of the resin or materials contaminated with the resin may cause it to spontaneously combust. To avoid spontaneous combustion: (1) prevent residue build-up and (2) soak soiled rags, spraybooth filters and over-spray waste in a closed water-filled metal container. Closed containers may rupture when exposed to extreme heat. Empty containers may retain product residue (liquid and/or vapor). Do not pressurize, cut, weld, braze, solder, drill, grind, or expose these containers to heat, flame, sparks, static electricity, or other sources of ignition as the container may explode and may cause injury or death.

Section 6: Accidental Release Measures

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:



Wear proper protective equipment as specified in Section 8: Exposure Controls/Personal Protection
 Warn other workers of spill and contain spill.
 Recover spill by using absorbent and sweeping up waste material.
 In case of large spills, dike the spill, if possible. Call emergency services.
 Place material into a chemical waste container.
 Eliminate all sources of ignition and ventilate area.
 Prevent spills or contaminated rinse water from entering sewers or watercourses.

DISPOSAL METHOD: disposal should be made in accordance with federal, state, and local regulations. Incineration is recommended.

Section 7: Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

For best results store upright between 12 - 25 °C (50 - 80 °F).
 Avoid freezing.
 Keep container closed when not in use.
 Keep away from heat and flame.
 Wear proper protective equipment and avoid contact with skin, eyes, or clothing.
 Wash hands after handling this material.
 Follow all applicable local regulations for handling and storage.
 Utilize chemical segregation.

INFORMATION ON EMPTIED CONTAINER

Dispose of this container according to local, state, and federal laws in your country.
 Do not reuse this container. This container may be hazardous when emptied.

SPECIFIC USES:

This product is a hardwood floor finish.

Section 8: Exposure Controls/Personal Protection

Control Parameters:

PRODUCT COMPOSITION	ACGIH TLV	OSHA PEL	NIOSH REL	U.S. WEEL TWA	EU IOELV TWA (mg/m ³)	United Kingdom WEL TWA (mg/m ³) STEL (ppm)	Canada OEL	Mexico OEL
Stoddard Solvent	100 ppm	2900 mg/m ³ 500 ppm	20000 mg/m ³ IDLH	-----	-----	-----	2900 mg/m ³ 500 ppm	1050 mg/m ³ STEL

Exposure controls

VENTILATION:

Always provide good general, mechanical room ventilation where this chemical/material is used.

SPECIAL VENTILATION CONTROLS:

Use this material inside totally enclosed equipment, or use it with local exhaust ventilation at points where vapors can be released into the workspace air. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or the CEN European Standards (EU). Use a NIOSH/MSHA or European Standard (EN) approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

RESPIRATORY PROTECTION:

Neoprene, butyl, or nitrile rubber gloves are recommended.

PROTECTIVE GLOVES:

Recommend eye protection using safety glasses or goggles.

EYE PROTECTION:

Suitable protective clothing to prevent skin contact

SKIN PROTECTION:

Avoid breathing vapor. Avoid contact with eyes. Wash hands after handling.

WORK/HYGIENE PRACTICES:

Reference Section 2

EXPOSURE LIMITS



OTHER EQUIPMENT:

Make safety shower, eyewash stations, and hand washing equipment available in the work area.

Section 9: Physical and Chemical Properties

APPEARANCE - COLOR:

Clear amber

PHYSICAL STATE:

Liquid

ODOR:

Mild petroleum

PRODUCT CRITERIA	
ODOR THRESHOLD	Not applicable for product
PH	Not applicable for product
FLASH POINT:	40 °C (104 °F) Seta closed cup)
LOWER EXPLOSIVE LIMIT; UPPER EXPLOSIVE LIMIT	Not applicable for product
FLAMMABILITY (Solid, gas)	Not applicable for product
EXPLOSIVE PROPERTIES	Not applicable for product
OXIDIZING PROPERTIES	Not applicable for product
SPECIFIC GRAVITY (@25°C):	0.899—0.922 @ 25 °C
EVAPORATION RATE:	0.18 (BuAc = 1) Stoddard solvent
% VOLATILE by VOLUME	39-41
PARTITION COEFFICIENT	Not applicable for product
AUTO IGNITION TEMPERATURE	260 °C Stoddard solvent
DECOMPOSITION TEMPERATURE	Not applicable for product
BOILING POINT:	161-198 °C
MELTING POINT:	Not applicable for product
VAPOR PRESSURE	0.27 kPa @ 20 °C Stoddard solvent
VAPOR DENSITY (AIR = 1)	4.9 (Air = 1) Stoddard Solvent
SOLUBILITY IN WATER:	Not applicable for product
WATER SOLUBILITY IN THE SOLVENT	Insoluble
FREEZING POINT:	<-75 °C (-103 °F) Stoddard solvent
VISCOSITY	No data
VOC CONTENT	550 g/l

Section 10: Stability and Reactivity

STABILITY:

Stable under normal conditions.

CONDITIONS TO AVOID:

Avoid heat, sparks, open flames and other ignition sources.

INCOMPATIBILITY (MATERIALS TO AVOID):

Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS:

Hazardous decomposition products are not expected to form during normal storage.

HAZARDOUS POLYMERIZATION:

Will not occur

Section 11: Toxicological Information

There is no toxicological information available for the product mixture.

GHS Required Criteria	Toxicity Criteria	Toxicity Information	Comments	Chemical Constituent
Acute Toxicity	LD50 Oral Rat	>5000 mg/kg		Stoddard Solvent
	LD50 Dermal Rabbit	>3150 mg/kg		Stoddard Solvent
Skin Corrosion/Irritation		No information is available.		
Serious Eye Damage / Eye Irritation		No information is available.		
Respiratory or Skin Sensitization		No information is available.		
Germ Cell Mutagenicity		No information is available.		
Carcinogenicity		Not listed	NTP	
		Not listed	IARC	
		Not listed	OSHA	
Reproductive Toxicity		No information is available.		
STOST -- Single Exposure		No information is available.		
STOST -- Repeated Exposure		No information is available.		
Aspiration Hazard		No information is available.		
Ames test		No information is available.		



STOST = Specific Target Organ Systemic Toxicity

OTHER INFORMATION:

Only selected Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual entry in RTECS for complete information.

Section 12: Ecological Information

BIODEGRADATION:	Expected to be not readily biodegradable. Major constituents are expected to be inherently biodegradable, but the product contains components that may persist in the environment. The volatile components oxidize rapidly by photochemical reactions in air.	Stoddard Solvent
BIOACCUMULATION:	Contains components with the potential to bioaccumulate. No information is available.	Stoddard Solvent
ECO TOXICITY:	No information is available.	
MOBILITY:	Liquid under most environmental conditions. If it enters soil, it will adsorb to soil particles and will not be mobile. Floats on water. Contains volatile components. Partly evaporates from water or soil surfaces, but a significant proportion will remain after one day	Stoddard Solvent

Note: Not all of the ingredients have been tested for Ecotoxicity.

Section 13: Disposal Considerations

WASTE FROM RESIDUES / UNUSED PRODUCTS:

Follow the waste disposal requirements of your country, state, or local authorities.

RCRA HAZARDOUS WASTE: This material and containers that are not empty, if discarded, would be regulated as a hazardous waste under RCRA. Treatment and/or disposal must be completed at a RCRA-permitted Treatment, Storage and Disposal Facility (TSD). The storage and transportation of RCRA hazardous wastes are also regulated by the USEPA. Can be incinerated, when in compliance with local regulations.

US EPA Waste Number: D001 (IGNITABLE): When discarded in its purchased form, this material would be regulated under 40 CFR 261.21 as EPA Hazardous Waste Number D001 based on the characteristic of ignitability.

CONTAMINATED PACKAGING:

Recommend contaminated packaging material should be disposed of as stated above for residues and unused product.

RINSATE: Do not dispose of rinse water containing product in a sanitary sewer system or storm water drainage system.

Section 14: Transport Information

ROAD TRANSPORT:

ADR = International Carriage of Dangerous Goods by Road

UN NUMBER:	UN 1866
DOT PROPER SHIPPING NAME	RESIN SOLUTION (CONTAINS Stoddard Solvent)
DOT / ADR HAZARD CLASS:	Flammable
DOT / ADR LABELS:	Class 3
PLACARD:	Flammable, Class 3
DOT / ADR PACKAGING GROUP:	III
HAZARD NUMBER – ADR:	UN1866
ADR PROPER SHIPPING NAME:	RESIN SOLUTION (CONTAINS Stoddard Solvent)

RAIL TRANSPORT: RID

CLASS No.:	FLAMMABLE
RID PACKING GROUP:	

SEA TRANSPORT: IMDG

PROPER SHIPPING NAME	FLAMMABLE
UN NUMBER SEA	RESIN SOLUTION (CONTAINS Stoddard Solvent)
CLASS:	UN 1866
PACKING GROUP:	3
EmS No.:	III
MARINE POLLUTANT:	F-E, S-E
SEA TRANSPORT NOTES:	No

AIR TRANSPORT: IATA/ICAO



UN NUMBER:
PROPER SHIPPING NAME
HAZARD CLASS:
PACKAGING GROUP:

UN1866
RESIN SOLUTION (CONTAINS Stoddard Solvent)
3
III

Section 15: Regulatory Information

TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS:

This product is in compliance with rules, regulations, and orders of TSCA. All components are listed on the TSCA Inventory.

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III SECTION 313 SUPPLIER NOTIFICATION:

This regulation requires submission of annual reports of toxic chemical(s) that appear in section 313 of the Emergency Planning and Community Right To Know Act of 1986 and 40 CFR 372. This information must be included in all MSDS's that are copied and distributed for the material.

The Section 313 toxic chemicals contained in this product are: None

CALIFORNIA PROPOSITION 65:

This regulation requires a warning for California Proposition 65 chemical(s) under the statute.

The California proposition 65 chemical(s) contained in this product are: None

STATE RIGHT-TO-KNOW TOXIC SUBSTANCE OR HAZARDOUS SUBSTANCE LIST:

Florida Toxic Substance(s):	Not listed
Massachusetts's hazardous substance(s):	Not listed
Pennsylvania hazardous substance code(s):	Not listed
New Jersey	Not listed
Illinois	Not listed
Michigan	Not listed

CANADA:

This MSDS/SDS will be non-compliant 3 years after the issue date. This MSDS contains all of the information required by the Controlled Products Regulations (CPR).

WHMIS-INFORMATION:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR), SOR/88-66, Current to February 20, 2012. The classes of controlled products listed in the CPR, Section 32, Part IV, have been reviewed and based on Professional Judgment this product has been determined to be WHMIS controlled as a Combustible liquid: Division 3 of Class B.

EUROPEAN UNION:

This product has been reviewed for compliance with the following European Community Directives: REACH 1907/2006; Directive 1999/45/EC, Regulation (EC) No 1272/2008 on classification, labeling and packaging (CLP) of substances and mixtures.

WGK: 0 (German Federal Water Management Act) (Water Hazard Class)

Section 16: Other Information

European Community Hazards Identification:

R: 65 Harmful: may cause lung damage if swallowed.
S: 53 Avoid exposure – obtain special instructions before use.
S: 45 In case of accident or if you feel unwell, seek medical advice immediately

Danger Symbol(s): Xn Harmful

Revision Comments: Initial version November 29, 2014
Revision Number: 0
Information Sources: RTECS, REACH, OSHA 29CFR 1910.1200



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