



SAFETY DATA SHEET

1. Identification

Product Identifier	Wood Seal SB-40
Other means of identification	CU-2330
Product code	
Recommended use	Solvent based floor sealer/ finish.
Recommended restrictions	Professional use only. Use as directed
Manufacturer information	
Company name	Chemical Universe, Inc.
Address	1133 Saline St. North Kansas City, MO 64116
Telephone	(816) 471-3602
FAX	(816) 474-3302
Emergency phone number	PERS 24-hour Emergency (800) 633-8253

2. Hazard(s) Identification

Physical hazards	Flammable liquids	Category 3
Health hazards	Skin irritation	Category 2
	Eye irritation	Category 2A
	Carcinogenicity	Category 2
	Specific target organ toxicity (Single exposure) [Narcotic effects]	Category 3
	Specific target organ toxicity (Repeated exposure) [CNS]	Category 2
	Aspiration hazard	Category 1
Environmental hazards	Not classified.	
OSHA defined hazards	None.	
Label elements		



Signal word	DANGER
Hazard statement	Flammable liquid and vapor. Causes skin irritation. Causes eye irritation. Suspected of causing cancer. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure (Central Nervous System) May be fatal if swallowed and enters airways.
Precautionary statement	
Prevention	Keep away from heat/sparks/open flames/ hot surfaces. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ ventilating/ lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/ eye protection/ face protection. Wash hands and exposed skin thoroughly after handling. Obtain special instruction before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only



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Response	<p>outdoors or in a well-ventilated area. . In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction</p> <p>IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Specific treatment: see section 4 on the Safety Data Sheet. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.</p> <p>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF exposed or concerned: Get medical advice/attention.</p> <p>IF INHALED: Remove person to fresh air and keep comfortable breathing. Call a POISON CENTER/doctor/medical professional if you feel unwell.</p> <p>IF SWALLOWED: Immediately call a POISON CENTER/doctor/medical professional. Do NOT induce vomiting. If vomiting occurs keep head low to prevent stomach contents entering the lungs</p>
Storage	Store in a well-ventilated place. Keep cool. Store locked up. Keep tightly closed.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None.
Supplemental information	None.

3. Composition/information on ingredients

Mixture Component(s)		
Chemical name	CAS number	%
Petroleum hydrocarbon solvent	8052-41-3	25-25
Aliphatic hydrocarbon (hydrotreated)	64742-47-8	15-25
2-Butanone Oxime	96-29-7	0.1
Other components below reportable levels		25-55

4. First-aid measures

Inhalation	Move to fresh air. Keep victim at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.
Eye contact	Rinse with water for at least 15 minutes. Remove contact lenses if present and easy to do so. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur. Only induce vomiting at the instruction of medical personnel. If vomiting occurs keep head low to prevent stomach contents entering the lungs
Most important symptoms/effects, acute and delayed	Aspiration may cause pulmonary edema and pneumonitis. Narcosis. Behavioral changes. Decrease in motor functions. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Dermatitis. Rash. May cause an allergic skin reaction. If swallowed, nausea and vomiting may occur.
Indication of immediate medical attention and special treatment needed	Provide general support measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to the hospital. Keep victim under observation. Symptoms may be delayed.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.



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5. Fire-fighting measures

Suitable extinguishing media	Water fog. Foam. Carbon dioxide (CO ₂). Dry chemical powder, sand, or earth may be used for small fires only.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source or ignition and flash back. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protecting clothing must be worn in case of fire.
Fire-fighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	Flammable liquid and vapor.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of vapors or mists. Ensure adequate ventilation. Remove all sources of ignition. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Eliminate all ignition sources. Use only non-sparking tools. Take precautionary measures against static discharge. Keep combustibles away from spilled material. Large spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. Small spills: Absorb with earth, sand, or other non-combustible material and transfer to container for later disposal. Clean surface thoroughly to remove residual contamination. Never return spills to original container for re-use. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid release to the environment. Avoid discharge into sanitary sewers, sumps, surface drainage paths and other areas not consistent with package labeling.

7. Handling and storage

Precautions for safe handling	Do not handle, store or open near an open flame, sources of heat or sources of ignition. Do not smoke. Use explosion proof equipment and non-sparking tools. Take precautionary measures against static discharge. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Keep away from heat, sparks and open flame. Ground/bond container and equipment. Store in original tightly closed container. Store away from incompatible materials (see section 10 of the SDS).



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8. Exposure controls/personal protection

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Distillates, petroleum hydrotreated, light	PEL	5 mg/m ³ (oil mist)
Mineral Spirits (Stoddard solvent)	PEL	500 ppm

US ACGIH Threshold Limit Values

Components	Type	Value
Petroleum hydrocarbon solvent	TWA	100 ppm
Aliphatic hydrocarbon	TWA	400 ppm
Distillates, petroleum hydrotreated, light	STEL	10mg/m ³

Biological limit values No information available.

Appropriate engineering controls Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits.

Individual protection measures, such as personal protective equipment

Eye/face protection Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection

The use of gloves impervious to the specific material handled is advised to prevent skin contact. Users should check with manufacturers to confirm the breakthrough performance of their products. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. Suggested protective materials: Nitrile and PVC rubber.

Other

Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Respiratory protection

In case of insufficient ventilation, wear suitable NIOSH-approved respiratory equipment.

Thermal hazards

No thermal hazards posed through prescribed use of this product

General hygiene considerations

When using do not smoke or use chewing tobacco. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Appearance

Physical State	Liquid
Color	Yellow/amber
Odor	Characteristic
Odor threshold	Not available
pH	Not applicable
Melting/freezing point	22.5°F (-5.5°C) - Estimated
Initial boiling point and boiling range	210°F (99°C) - Estimated
Flash point	127°F (41 °C) - Estimated
Evaporation rate	Not available
Flammability	Not available
Flammability Limits	



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Upper	Not available
Lower	Not available
Vapor pressure	Not available
Vapor density	Not available
Specific gravity (water=1)	0.95
Solubility in water	Insoluble.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

10. Stability and reactivity

Reactivity	This product is stable and non-reactive under normal conditions of use.
Chemical stability	Material is stable under normal conditions. Store in a cool dark place.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Oxidizing agents, strong acids.
Hazardous decomposition products	Carbon dioxide, carbon monoxide.

11. Toxicological information

Information on likely routes of exposure

Ingestion	Expected to be low ingestion hazard. Do NOT induce vomiting. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia
Inhalation	Prolonged inhalation is harmful. Symptoms may include nausea or vomiting, headache, drowsiness/fatigue, dizziness/vertigo, and unconsciousness.
Skin contact	May cause mild skin irritation and redness.
Eye contact	Direct contact with eyes may cause temporary irritation.
Symptoms related to the physical, chemical and toxicological characteristics	Dermatitis. Rash.
Acute toxicity	Not established.

Product Wood Seal SB-40 (CAS mixture)		
Exposure Classification	Route and Species	LD ₅₀
Acute	Oral, rat	>2,750 mg/kg (estimated)
Acute	Dermal, rabbit	>1,800 mg/kg (estimated)
Acute	Inhalation, rat	>4.5 mg/l (Literature)

*Estimates for product may be based on additional component data not shown

Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/ irritation	Causes severe eye irritation.
Respiratory sensitization	Not available.
Skin sensitization	Not available.



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Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity (as applicable to butanone oxime) Possible cancer hazard. May cause cancer based on animal data.
IARC – Not listed
NTP – Not listed
OSHA - Not listed

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not Listed.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity – single exposure May cause drowsiness or dizziness.

Specific target organ toxicity – repeated exposure May cause damage to organs through prolonged or repeated exposure (Central Nervous System)

Aspiration hazard May be fatal if swallowed and enters airways.

12. Ecological information

Ecotoxicity		
Product	Wood Seal SB-40) (CAS mixture)	
Aquatic Receptor	Species	Test Thresholds
Crustacea	Rerio daphnia	EC ₅₀ (48-hr): >28 mg/l (estimated)
Fish	Oncorhynchus mykiss	LC ₅₀ (96-hr): >86 mg/l (estimated)
*Estimates for product may be based on additional component data not shown		

Persistence and degradability No data available.

Bio-accumulative potential Potential to bioaccumulate in open biological systems is expected to be moderate to high.

Mobility in soil No data available. This class of chemical mixture is expected to exhibit limited mobility in saturated and semi-saturated soils. Due to oleophilic nature of primary solvent components, some level of phase separation can be expected with the oleophilic recoverable as a LNAPL at the piezometric surface of the water table.

Other adverse effects No data available.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations Dispose in accordance with all applicable regulations

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste disposal company. As packaged, this product may meet criteria defining RCRA ignitable (D001) hazardous wastes when disposed. (40 CFR Part 261, Subpart C). Before selecting disposal method, ensure that the waste materials have been properly assessed and, as necessary, tested to confirm regulatory status.

Waste from residues/unused product Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner. (see: Disposal instructions).

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may contain product residue, follow label warnings even after container is emptied.



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14. Transport information

USDOT

UN number	UN1993
UN proper shipping name	Flammable liquids, n.o.s. (Contains: Petroleum distillates)
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Packaging group	III
Special precautions for user	Read safety instructions, SDS, and emergency procedures before handling.
Marine pollutant	No

Special precautions for user

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code This product is not intended to be transported in bulk.

DOT Label/Placard –



15. Regulatory information

US federal regulations

SARA 302 Extremely hazardous substance Not listed.

SARA 304 Emergency release notification Not listed

SARA 311/312 Hazard Categories

Immediate Hazard - Yes

Delayed Hazard – No

Fire Hazard – Yes

Pressure Hazard – No

Reactivity Hazard – No

SARA 313 (TRI reporting) Not listed.

TSCA – All chemical components used to manufacture this product comply with the Toxic Substances Control Act (TSCA) registry requirements and are either listed within, or exempted from, the current TSCA 8(b) inventory.

California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986

This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to threshold determination and Safe Harbor notification (1/2020)

16. Other information, including date of preparation or last revision

Issue date 4/28/2020
Revision date
Version # 1
HMIS® ratings Health: 2
 Flammability: 2
 Physical hazard: 0

HEALTH	2
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION	<input type="checkbox"/>

NFPA ratings Health: 2
 Flammability: 2
 Instability: 0



Disclaimer The information provided in this Safety Data Sheet is correct to the best of our knowledge, and have been obtained from resources believed to be reliable. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information related only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified by the text.

Revision information First issue