Printing date 07/09/2015 Reviewed on 07/09/2015

1 Identification

Product identifier

Trade name: 350 VOC Sealer/ Finish

Article number: TB 6038

Recommended use and restriction on use

• Recommended use: Coating compound/ Surface coating/ paint • Restrictions on use: No further relevant information available.

Details of the supplier of the Safety Data Sheet

Manufacturer/Supplier:
 Waterlox Coatings Corporation
 9808 Meech Avenue
 CLEVELAND, OH 44105
 (216) 641-4877

Emergency telephone number:

ChemTel Inc.

(800)255-3924, +1 (813)248-0585

2 Hazard(s) identification

· Classification of the substance or mixture



GHS02 Flame

Flam. Liq. 3 H226 Flammable liquid and vapor.



GHS08 Health hazard

Carc. 2 H351 Suspected of causing cancer.

Repr. 2 H361 Suspected of damaging fertility or the unborn child.

STOT RE 1 H372 Causes damage to the central nervous system through prolonged or repeated

exposure.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.



GHS07

Skin Sens. 1 H317 May cause an allergic skin reaction.

Additional information:

There are no other hazards not otherwise classified that have been identified. 0 percent of the mixture consists of ingredient(s) of unknown toxicity.

- Label elements
- GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

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· Hazard pictograms







GHS02 GHS07 GHS08

Signal word Danger

Hazard-determining components of labeling:

4-chloro-α,α,α-trifluorotoluene

Stoddard solvent

Rosin

Naphthenic acids, cobalt salts

2-butanone oxime

Hazard statements

H226 Flammable liquid and vapor.

H317 May cause an allergic skin reaction.

H351 Suspected of causing cancer.

H361 Suspected of damaging fertility or the unborn child.

H372 Causes damage to the central nervous system through prolonged or repeated exposure.

H304 May be fatal if swallowed and enters airways.

Precautionary statements

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood. P210 Keep away from heat, sparks, open flames, and hot surfaces. - No smoking.

P260 Do not breathe mist/vapors/spray. P264 Wash thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection.

P233 Keep container tightly closed.

P270 Do not eat, drink or smoke when using this product.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse

skin with water/shower.

P370+P378 In case of fire: Use foam, powder, or carbon dioxide for extinction.

P363 Wash contaminated clothing before reuse.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P331 Do NOT induce vomiting.

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container in accordance with local/regional/national/international

regulations.

Classification system:

NFPA ratings (scale 0 - 4)



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HMIS-ratings (scale 0 - 4)



- Other hazards
- Results of PBT and vPvB assessment
- PBT: Not applicable.vPvB: Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

Dangerous	components:	
98-56-6	4-chloro-α,α,α-trifluorotoluene Flam. Liq. 3, H226 Skin Sens. 1B, H317	50-100%
	V	
8052-41-3	Stoddard solvent Flam. Liq. 3, H226	2.5-10%
	STOT RE 1, H372; Asp. Tox. 1, H304	
64742-47-8	Distillates (petroleum), hydrotreated light	2.5-10%
	♦ Asp. Tox. 1, H304	
96-29-7	2-butanone oxime	≤ 2.5%
	& Carc. 2, H351 Eye Dam. 1, H318	
	Acute Tox. 4, H312; Skin Sens. 1, H317	
	Flam. Liq. 4, H227	
8050-09-7	Rosin	≤ 2.5%
	♦ Skin Sens. 1, H317	
	calcium bis(2-ethylhexanoate)	≤ 2.5%
	& Repr. 2, H361	
	♦ Eye Dam. 1, H318	
61789-51-3	Naphthenic acids, cobalt salts	≤ 2.5%
	& Carc. 2, H351; Repr. 2, H361 Skin Sens. 1, H317	
	OKIT OCIG. 1, 11017	

Additional information:

For the listed ingredient(s), the identity and exact percentage(s) are being withheld as a trade secret.

4 First-aid measures

- Description of first aid measures
- General information:

Immediately remove any clothing soiled by the product.

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Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

Take affected persons out into the fresh air.

· After inhalation:

Supply fresh air; consult doctor in case of complaints.

Provide oxygen treatment if affected person has difficulty breathing.

In case of unconsciousness place patient stably in side position for transportation.

· After skin contact:

Immediately remove any clothing soiled by the product.

Immediately wash with water and soap and rinse thoroughly.

If skin irritation is experienced, consult a doctor.

· After eve contact:

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. Then consult a doctor.

· After swallowing:

Rinse out mouth and then drink plenty of water.

A person vomiting while lying on their back should be turned onto their side.

Do not induce vomiting; immediately call for medical help.

· Information for doctor:

· Most important symptoms and effects, both acute and delayed

Headache

Allergic reactions

Dizziness

Coughing

Breathing difficulty

Nausea

· Danger

Danger of disturbed cardiac rhythm.

Danger of convulsion.

Danger of impaired breathing.

Vapours may cause drowsiness and dizziness.

· Indication of any immediate medical attention and special treatment needed

If swallowed or in case of vomiting, danger of entering the lungs.

Medical supervision for at least 48 hours.

If necessary oxygen respiration treatment.

Monitor circulation, possible shock treatment.

Later observation for pneumonia and pulmonary edema.

Treat skin and mucous membrane with antihistamine and corticoid preparations.

Contains 2-butanone oxime. May produce an allergic reaction.

5 Fire-fighting measures

- Extinguishing media
- Suitable extinguishing agents:

Foam

Fire-extinguishing powder

Gaseous extinguishing agents

Carbon dioxide

Water fog / haze

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For safety reasons unsuitable extinguishing agents:

Water spray

Water stream.

Special hazards arising from the substance or mixture

During heating or in case of fire poisonous gases are produced.

- Advice for firefighters
- Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

Additional information

Eliminate all ignition sources if safe to do so.

Cool endangered receptacles with water fog.

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures

Use respiratory protective device against the effects of fumes/dust/aerosol.

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation.

Keep away from ignition sources.

Protect from heat.

Particular danger of slipping on leaked/spilled product.

Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

Inform respective authorities in case of seepage into water course or sewage system.

Methods and material for containment and cleaning up:

Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders).

Allow to solidify. Pick up mechanically.

Dispose contaminated material as waste according to item 13.

Send for recovery or disposal in suitable receptacles.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

- Handling:
- · Precautions for safe handling

Avoid splashes or spray in enclosed areas.

Use only in well ventilated areas.

Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Protect from heat.

Protect against electrostatic charges.

Flammable gas-air mixtures may be formed in empty receptacles.

The product forms flammable fumes when heated.

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Keep respiratory protective device available.

- · Conditions for safe storage, including any incompatibilities
- Storage:
- Requirements to be met by storerooms and receptacles:

Provide ventilation for receptacles.

Avoid storage near extreme heat, ignition sources or open flame.

Information about storage in one common storage facility:

Store away from foodstuffs.

Store away from oxidizing agents.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Keep containers tightly sealed.

Protect from heat and direct sunlight.

· Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

- · Additional information about design of technical systems: No further data; see item 7.
- Control parameters

· Components with limit values that require monitoring at the workplace:		
8052-41-3 Stoddard solvent		
PEL (USA)	Long-term value: 2900 mg/m³, 500 ppm	
REL (USA)	Long-term value: 350 mg/m³ Ceiling limit value: 1800* mg/m³ *15-min	
TLV (USA)	Long-term value: 525 mg/m³, 100 ppm	
EL (Canada)	Short-term value: 580 mg/m³ Long-term value: 290 mg/m³	
EV (Canada)	Long-term value: 525 mg/m ³	
LMPE (Mexico)	Long-term value: 100 ppm	
64742-47-8 Dist	tillates (petroleum), hydrotreated light	
EL (Canada)	Long-term value: 200 mg/m³ Skin	
96-29-7 2-butanone oxime		
WEEL (USA)	Long-term value: 10 ppm DSEN	
8050-09-7 Rosi	n	
TLV (USA)	DSEN, RSEN, L	
EL (Canada)	S	
LMPE (Mexico)	SEN, (L)	
Additional info	rmation. The lists that were valid during the creation were used as basis	

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- **Exposure controls**
- Personal protective equipment:
- General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Pregnant women should strictly avoid inhalation or ingestion.

Avoid contact with the eyes and skin.

- Engineering controls: No further relevant information available.
- Breathing equipment:

Use suitable respiratory protective device in case of insufficient ventilation.

Use suitable respiratory protective device when aerosol or mist is formed.

For spills, respiratory protection may be advisable.

Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Eye protection:



Safety glasses

- · Body protection: Solvent resistant protective clothing
- Limitation and supervision of exposure into the environment

No further relevant information available.

Risk management measures

See Section 7 for additional information.

No further relevant information available.

9 Physical and chemical properties

- Information on basic physical and chemical properties
- **General Information**
- Appearance:

Form: Liquid

Color:
Odor:
Odor threshold:
Amber colored
Petroleum-like
Not determined.

pH-value:
Not determined.

Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 150 - 199 °C (302 - 390 °F)

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Flash point: 38 °C (100 °F)
 Flammability (solid, gaseous): Not applicable.
 Auto-ignition temperature: Not determined.
 Decomposition temperature: Not determined.

• Auto igniting: Product is not self-igniting.

• Danger of explosion: Product is not explosive. However, formation of explosive air/

vapor mixtures are possible.

Explosion limits:

 Lower:
 0.8 Vol %

 Upper:
 6.0 Vol %

· Vapor pressure: Not determined.

Density at 20 °C (68 °F): 1.12 g/cm³ (9.346 lbs/gal)

Relative density
 Vapour density
 Evaporation rate
 Not determined.
 Not determined.
 Not determined.

Solubility in / Miscibility with

Water: Not miscible or difficult to mix.

· Partition coefficient (n-octanol/water): Not determined.

Viscosity:

Dynamic: Not determined. **Kinematic:** Not determined.

Other information
 No further relevant information available.

10 Stability and reactivity

- · Reactivity No further relevant information available.
- Chemical stability
- Thermal decomposition / conditions to be avoided:

Avoid open flame, ignition sources, contact with incompatibile substances.

Possibility of hazardous reactions

Flammable.

Used empty containers may contain product gases which form explosive mixtures with air.

Reacts with strong acids and oxidizing agents.

Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomized.

Toxic fumes may be released if heated above the decomposition point.

Conditions to avoid

Keep ignition sources away - Do not smoke.

Store away from oxidizing agents.

· Incompatible materials: No further relevant information available.

Hazardous decomposition products:

Carbon monoxide and carbon dioxide

Hydrocarbons

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Hydrogen chloride (HCI) Hydrogen fluoride Nitrogen oxides (NOx) Toxic metal compounds

11 Toxicological information

- · Information on toxicological effects
- · Acute toxicity:
- · LD/LC50 values that are relevant for classification: None.
- · Primary irritant effect:
- · on the skin: Based on available data, the classification criteria are not met.
- · on the eye: Based on available data, the classification criteria are not met.
- · **Sensitization:** Sensitization possible through skin contact.
- · Subacute to chronic toxicity: May be fatal if swallowed and enters airways.
- · Additional toxicological information:
- · Carcinogenic categories
- · NTP (National Toxicology Program)

None of the ingredients is listed.

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

· Probable Routes of Exposure

Ingestion.

Inhalation.

Eye contact.

Skin contact.

- · Repeated Dose Toxicity: Repeated exposures may result in skin and/or respiratory sensitivity.
- · CMR effects (carcinogenity, mutagenicity and toxicity for reproduction):

Carc. 2, Repr. 2

- · Germ cell mutagenicity Based on available data, the classification criteria are not met.
- · Carcinogenicity Suspected of causing cancer.
- · Reproductive toxicity Suspected of damaging fertility or the unborn child.
- · STOT-single exposure Based on available data, the classification criteria are not met.
- · STOT-repeated exposure

Causes damage to the central nervous system through prolonged or repeated exposure.

· Aspiration hazard May be fatal if swallowed and enters airways.

12 Ecological information

- Toxicity
- Aquatic toxicity:

Toxic for aquatic organisms

98-56-64-chloro-α,α,α-trifluorotoluene

EC50 (dynamic) 3.0 mg/kg (zebra fish)

• Persistence and degradability No further relevant information available.

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- Behavior in environmental systems:
- · Bioaccumulative potential No further relevant information available.
- · Mobility in soil No further relevant information available.
- **Ecotoxical effects:**
- Remark: Toxic for fish
- Additional ecological information:
- General notes:

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment can not be excluded.

Other adverse effects No further relevant information available.

13 Disposal considerations

- Waste treatment methods
- Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

The user of this material has the responsibility to dispose of unused material, 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. Residual materials should be treated as hazardous.

- Uncleaned packagings:
- · **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

UN-Number

• **DOT** UN1263

Product is additionally classified as a MARINE POLLUTANT based on MARPOL and DOT rules. Labeling as a MARINE POLLUTANT is not required for non-bulk single package shipments by motor vehicle, rail car or aircraft. Bulk packaging consists of a maximum capacity of greater than 450L (119 gallons) for a liquid and a maximum net mass greater than 400kg (882 pounds) for a solid.

- · ADR, IMDG, IATA
- UN proper shipping name



Limited Quantity for packages less than 30 kg (66 lb) and inner packagings less than 5 L (1.3 gal).

· DOT Paint related material, MARINE POLLUTANT

UN1263

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· **ADR** 1263 PAINT RELATED MATERIAL, ENVIRONMENTALLY

HAZARDOUS

· **IMDG** PAINT RELATED MATERIAL, MARINE POLLUTANT

· IATA Paint related material

Transport hazard class(es)

DOT



· Class 3 Flammable liquids

Label

ADR



· Class 3 (F1) Flammable liquids

·Label

IMDG





· Class 3 Flammable liquids

· Label

·IATA



· Class 3 Flammable liquids

Label 3

Packing group

Special marking (ADR):

· DOT, ADR, IMDG, IATA

• Environmental hazards: Product contains environmentally hazardous substances: 4-

chloro-\alpha,\alpha,\alpha-trifluorotoluene

Marine pollutant:

Symbol (fish and tree)
Symbol (fish and tree)
Warning: Flammable liquids

Special precautions for user
 Danger code (Kemler):
 EMS Number:
 Warning
 F-E,S-E

• Segregation groups Liquid halogenated hydrocarbons

Transport in bulk according to Annex II of

MARPOL73/78 and the IBC Code Not app

Not applicable.

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· Transport/Additional information:

· DOT

• Remarks: Special marking with the symbol (fish and tree).

· ADR

· Excepted quantities (EQ) Code: E1

Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml

·IMDG

Limited quantities (LQ)Excepted quantities (EQ)5LCode: E1

Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml

· UN "Model Regulation": UN1263, Paint related material, ENVIRONMENTALLY

HAZARDOUS, 3, III

15 Regulatory information

- · Safety, health and environmental regulations/legislation specific for the substance or mixture
- · United States (USA)
- · SARA
- · Section 355 (extremely hazardous substances):

None of the ingredients is listed.

· Section 313 (Specific toxic chemical listings):

61789-51-3 Naphthenic acids, cobalt salts

· TSCA (Toxic Substances Control Act):

All ingredients are listed.

- · Carcinogenic categories
- · EPA (Environmental Protection Agency)

None of the ingredients is listed.

IARC (International Agency for Research on Cancer)

61789-51-3 Naphthenic acids, cobalt salts

2B

· TLV (Threshold Limit Value established by ACGIH)

None of the ingredients is listed.

· NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

· State Right to Know Listings

None of the ingredients is listed.

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· Canadian substance listings:

· Canadian Domestic Substances List (DSL)

All ingredients are listed.

· Canadian Ingredient Disclosure list (limit 0.1%)

None of the ingredients is listed.

· Canadian Ingredient Disclosure list (limit 1%)

8052-41-3 Stoddard solvent

· Other regulations, limitations and prohibitive regulations

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Date of preparation / last revision 07/09/2015 / -

· Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 3: Flammable liquids, Hazard Category 3

Flam. Liq. 4: Flammable liquids, Hazard Category 4

Acute Tox. 4: Acute toxicity, Hazard Category 4

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

Skin Sens. 1B: Sensitisation - Skin, Hazard Category 1B

Carc. 2: Carcinogenicity, Hazard Category 2

Repr. 2: Reproductive toxicity, Hazard Category 2

STOT RE 1: Specific target organ toxicity - Repeated exposure, Hazard Category 1

Asp. Tox. 1: Aspiration hazard, Hazard Category 1

Sources

SDS Prepared by:

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Website: www.chemtelinc.com