

ZIEBART INTERNATIONAL CORP

SAFETY DATA SHEET (SDS)

Z302510

Revised 7/22/2015

Version 2.1

SECTION 1: IDENTIFICATION

Product Names	Z302510, Z-Gard Black Sealant
Other Names	Anti-rust Coating
Use	Corrosion Protection coating
Company	Ziebart International Corp. 1290 E. Maple Road Troy, MI 48083 Tel: (248) 588-4100 Fax: (248) 588-1444
Emergency Tel.	ChemTrec 800-262-8200

SECTION 2: HAZARD(s) IDENTIFICATION

GHS HAZARD CLASSIFICATION:

Physical Hazards	Flammable Liquid	Category 3
Health Hazards	Acute Toxicity-Oral	Category 4
	Acute Toxicity-Inhalation	Category 4
	Skin irritation	Category 2
	Eye irritation	Category 2
	Target organ toxicity, repeat exposure	Category 2

LABEL ELEMENTS:



Signal Word

Warning

Hazard Statements

H226: Flammable liquid and vapour
H302: Harmful if swallowed
H332: Harmful if inhaled
H315: Causes skin irritation
H320: Causes eye irritation
H373: May cause damage to organs through prolonged or repeated exposure

Precautionary statements

Prevention

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233: Keep container tightly closed.
P280: Wear protective gloves, protective clothing, eye protection, and face protection.

P261: Avoid breathing mist, vapours, spray.
P271: Use only outdoors or in a well-ventilated area.
P270: Do not eat, drink or smoke when using this product.
P264: Wash exposed areas thoroughly after handling.

Response	<p>P370+378: IN CASE OF FIRE: Use carbon dioxide (CO2), alcohol foam, water fog or dry chemical to extinguish. DO NOT use stream/jet of water as this will spread fire.</p> <p>P301+312: IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. P330: Rinse mouth.</p> <p>P303+361+ IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with 353: water or shower.</p> <p>P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312: Call a POISON CENTER or doctor if you feel unwell.</p> <p>P302+352: IF ON SKIN: Wash with plenty of soap and water. P332+313: If skin irritation occurs: Get medical advice or attention. P362+364: Take off contaminated clothing and wash it before reuse.</p> <p>P305+351+ IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if 338: present and easy to do – continue rinsing. P337+313: If eye irritation persists get medical advice and/or attention. P314: Get Medical advice/attention if you feel unwell. P331: Do NOT induce vomiting.</p>
Storage	P403+235: Store in a well ventilated place. Keep cool.
Disposal	P501: Dispose of contents and container in accordance with local, regional, national, and international regulation.

SECTION 3: COMPOSITION INFORMATION ON HAZARDOUS INGREDIENTS

Mixture			
Chemical Name	Common Name	CAS number	Percent by weight
Stoddard Solvent	Mineral Spirits	8052-41-3	30-60%

SECTION 4: FIRST-AID MEASURES

General Advice	Take off immediately all contaminated clothing. Get Medical advice/attention if you feel unwell. Wash contaminated clothing before reuse.
Inhalation	Remove person to fresh air and keep comfortable for breathing. Get Medical attention if you feel unwell.
Skin	Take off immediately all contaminated clothing and wash it before reuse. Wash with plenty of soap and water. If skin irritation or a rash occurs: Get medical advice/attention.
Eye	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do and continue rinsing. If eye irritation persists: Get medical attention.
Ingestion	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get Medical advice and/or attention if you feel unwell.
Most important symptoms/effects, acute and delayed	<p>Eye irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision.</p> <p>Skin irritation: May cause redness, itching and/or pain.</p> <p>Inhalation of mist/vapors: Prolonged or repeated exposure may cause chronic effects.</p>
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguisher type(s)	Use carbon dioxide (CO ₂), alcohol foam, water fog or dry chemical to extinguish.
Unsuitable Extinguisher type	Do not use stream or jet of water as this will spread fire.
Specific hazardous arising from fire.	Vaporized material may form explosive mixture with air. Thermal decomposition (burning) will produce oxides of carbon including carbon monoxide and may also produce irritating, corrosive and/or toxic gases, vapors and fumes.
Special protective equipment for fire fighting.	Self-contained breathing apparatus and full protective gear must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Leak or spill procedures	Remove all sources of ignition. Provide adequate ventilation.
Containment	Contain and absorb with inert material. (e.g. oil dry, sand)
Cleanup	Dispose in accordance with all local, state and federal regulations.
Precautions	In the event of a large spill, contain material and recover for use if possible. Avoid discharge into drains, water courses and the ground.

SECTION 7: HANDLING AND STORAGE

Storage	Keep away from ignition sources. Keep containers tightly closed. Store in a cool, dry and well ventilated area.
Handling	Avoid prolonged or repeated skin contact and avoid breathing vapors.
Incompatible Contaminants	Avoid exposure to oxidizing agents.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient	CAS #	OSHA PEL	ACGIH TLV-TWA
Stoddard Solvent	8052-41-3	500 ppm	100 ppm

Engineering Controls	Use with adequate ventilation.
PPE	Eye/Face: Face shield, goggles Skin: Chemical protective gloves. Respiratory: Level of exposure needs to be determined. If required, use a particulate filter, a NIOSH-approved air purifying respirator with organic vapor cartridge or a supplied air respirator.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Form	Viscous Liquid
Color	Black
Flammability Limits	
Upper	Approx. 6.0%
Lower	Approx. 0.7%
Odor	Mild Petroleum Odor
Odor Threshold	Not Determined
Vapor Pressure at 20°C	0.27-0.40 kPa
pH	Not applicable
Vapor Density (air=1)	>1
Evaporation Rate	Not Determined
Specific Gravity, 16°C	0.85
Melting Point/Range	Not Determined

Boiling Point/Range	>150°C (>300°F)
Solubility	Insoluble
Partition Coefficient	Not Determined
Flash Point	40°C-50°C (104°F-122°F)
Flammability	Category 3
Auto ignition Temperature	Not Determined
Decomposition Temperature	Not Determined
Viscosity	> 5000 mm ² /sec

SECTION 10: STABILITY AND REACTIVITY

Reactivity	
Chemical Stability	Stable
Other	
Hazardous Reactions	Combustion
Polymerization	Will not occur.
Conditions to Avoid	Strong oxidizing agents: sources of ignition.
Incompatible Materials	Strong oxidizing agents
Decomposition Hazards	Combustion products: Oxides of carbon, nitrogen, and sulfur and potentially irritating and/or toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

No product toxicological information is available.

Ingredient	CAS#	LD50	LC50
Stoddard Solvent	8052-41-3	Rat: >5000 mg/kg	Rat: >5500 ppm; 4 h

Routes of Exposure	
Inhalation	May cause damage to organs through prolonged or repeated exposure
Ingestion	Expect low ingestion hazard. Do NOT induce vomiting.
Skin Contact	Causes skin irritation
Eye Contact	Causes eye irritation

Delayed, Immediate, and Long Term Exposure	Prolonged or repeated inhalation of petroleum distillates may cause damage to organs.
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Carcinogenicity	No
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SECTION 12: ECOLOGICAL INFORMATION

Hazards to Aquatic Environment	The potential toxicity to freshwater and saltwater ecosystems has not been determined.
Environmental Fate	The long term environmental fate of this material has not been determined.

SECTION 13: DISPOSAL CONSIDERATIONS

Hazard characteristic and regulatory waste classification can change with product use. Accordingly, it is the responsibility of the user to determine the proper handling and disposition for disposal according to local, state, federal and international regulations.

SECTION 14: TRANSPORT INFORMATION

For Industrial/Professional Use Only-Keep out of reach of Children

Domestic (US and US to Canada)

NA1993, Combustible Liquid, N.O.S. (Stoddard Solvent, Light Distillates), Combustible Liquid, PG III

International (including within Canada)

UN1268, Petroleum Distillates, N.O.S. (Stoddard Solvent, Light Distillates) 3, PG III

Environmental Hazards

Marine Pollutant No

Transport in Bulk according to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

TSCA	All components are listed or exempt from listing on the TSCA inventory.
Sara Title III, Section 313	No, None
Sara Title III, Section 311, 312	Fire Hazard

SECTION 16: OTHER INFORMATION

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein.