

ZIEBART INTERNATIONAL CORP

SAFETY DATA SHEET (SDS)

Z302500

Revised 7/22/2015

Version 2.1

SECTION 1: IDENTIFICATION

| | |
|-----------------------|---|
| Product Names | Z302500, Z-Gard Clear 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 | Tan or amber |
| 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. |
|---|---|

| | |
|------------------------|----|
| Carcinogenicity | No |
|------------------------|----|

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.