

MATERIAL SAFETY DATA SHEET
COMPLIES WITH OSHA'S HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

SECTION I · PRODUCT IDENTIFICATION

Product Name: Zin-Kote 601
Product Number: 90058
Product Type: AEROSOL
Supplier's Name: Superior Industries, Inc.
Supplier's Address: P.O. Box 8, Chattanooga, TN 37421
D.O.T. Hazard Class: CONSUMER COMMODITY · ORM-D

Formula: Proprietary
Date Prepared: 02/03/05
Emergency Phone: (800) 476-2072
Information Phone: (423) 899-0467

HMIS Rating (Based on Aerosol Conc.)
0-Minimal 1- Slight 2- Moderate
3- Serious 4- Extreme
HEALTH: 1 **FIRE:** 3 **REACTIVITY:** 1
Personal Protection: B

SECTION II · INGREDIENTS

CHEMICAL NAME	CAS #	%WT	313/Chem	Skin	Carcinogen	PEL	TWA/TLV
Petroleum Distillate	64742-89-8	20-40	NO	NO	NO	400 ppm	400 ppm
Modified Oil (Mineral Spirits)	8052-41-3	10-20	NO	NO	NO	N/E	N/E
Zinc Dust	7440-66-6	10-20	YES	NO	NO	15mg/cuM (Dust)	15mg/cuM (Dust)
Liquified Petroleum Gas	68476-85-7	20-40	NO	NO	NO	1000 ppm	1000 ppm

SECTION III · PHYSICAL DATA

Data Below Based On Aerosol Concentrate Only:

Boiling Point: 160°F

pH: N/A

Solubility In Water: Negligible

Appearance/Odor: Gray Viscous Liquid, Solvent Odor

Vapor Density(Air=1): >1

Specific Gravity (H₂O=1)@75°F: 1.105

Data Below Based On Total Contents:

Vapor Pressure of can (psig @70°F): 62

Total VOC %: 75%

SECTION IV · FIRE AND EXPLOSION DATA

Flash Point (of Concentrate Only): 80°F

Flammability (as per USA Flame Projection Test): Extremely Flammable Spray

Extinguishing Media: Foam, CO₂, Dry Media

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.

Unusual Fire and Explosion Hazards: Exposure to temperature above 120° F may cause bursting.

SECTION V · REACTIVITY DATA

Stability: Material Stable.

Hazardous Polymerization: Will not Occur.

Incompatibility: Avoid contact with strong oxidizing agents.

Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide

SECTION VI · STORAGE AND HANDLING

KEEP OUT OF REACH OF CHILDREN.

For Industrial and Institutional use only.

Store in a cool, dry area away from heat or open flame.

Do not store at temperatures above 120° F.

NFPA Code 30B Rating: Level 3 Aerosol.

SECTION VII · HEALTH AND FIRST AID

PRIMARY ROUTES OF ENTRY & EFFECTS OF OVER EXPOSURE:

Eyes: May cause slight irritation but does not injure eye tissue.

Skin: Frequent or prolonged contact may cause irritation.

Inhalation: Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis.

FIRST AID PROCEDURES:

Eyes: Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately.

Skin: Wash with soap and water. If irritation persists seek medical attention.

Inhalation: Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration.

Ingestion: Do not induce vomiting. Seek medical attention immediately.

SECTION VIII · SPECIAL PROTECTION DATA

Respiratory Protection: None needed for proper use in accordance with label directions.

Ventilation: Provide local exhaust to keep TLV of Section II ingredients below acceptable limits.

Protective Gloves: None needed for proper use in accordance with label directions. Use chemical resistant gloves if hand contact will be made.

Eye Protection: None needed unless it is anticipated that a splash or spray back will occur, then wear safety glasses or chemical proof goggles.

SECTION IX · SPILL OR LEAK PROTECTION

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK: Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State and local laws.

WASTE DISPOSAL METHOD: Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, State and local authorities for approved procedures.

N/A= NOT APPLICABLE · N/E=NOT ESTABLISHED · N/D=NOT DETERMINED · <=LESS THAN · >=MORE THAN

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MATERIAL SAFETY DATA SHEET

COMPLIES WITH OSHA'S HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

SECTION I · PRODUCT IDENTIFICATION

Product Name: Rust-X Converter
Product Number: 5950
Product Type: AEROSOL
Supplier's Name: Superior Industries, Inc.
Supplier's Address: P.O. Box 8; Chattanooga, TN 37401
D.O.T. Hazard Class: CONSUMER COMMODITY · ORM-D

Formula: Proprietary
Date Prepared: 05/06/04
Emergency Phone: (800) 476-2072
Information Phone: (423) 899-0467

HMS Rating (Based on Aerosol Conc.):
0-Minimal 1- Slight 2- Moderate
3- Serious 4- Extreme
HEALTH: 1 **FIRE:** 3 **REACTIVITY:** 0
Personal Protection: B

SECTION II · INGREDIENTS

CHEMICAL NAME	CAS #	%WT	313/Chem	Skin	Carcinogen	PEL	TWA/TLV
Ethyl Alcohol	64-17-5	40-60	NO	NO	NO	1000 ppm	1000 ppm
Propylene Glycol Monomethyl Ether	107-98-2	01-05	NO	NO	NO	100 ppm	100 ppm
Tannic Acid	1401-55-4	01-05	NO	NO	NO	N/E	N/E
Liquified Petroleum Gas	68476-85-7	20-40	NO	NO	NO	1000 ppm	1000 ppm

SECTION III · PHYSICAL DATA

Data Below Based On Aerosol Concentrate Only:

Boiling Point: ~ 145° F

pH: N/A

Solubility In Water: Slight

Appearance/Odor: Dark Liquid, Mild Odor

Data Below Based On Total Contents:

Vapor Pressure of can (psig @70°F): 50

Total VOC %: ~ 75%

Vapor Density(Air=1): >1

Specific Gravity (H₂O=1)@75°F: 0.895

SECTION IV · FIRE AND EXPLOSION DATA

Flash Point (of Concentrate Only): 42.8 °F (T.O.C.)

Flammability (as per USA Flame Projection Test): Extremely Flammable Spray

Extinguishing Media: Foam, CO₂, Dry Media

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.

Unusual Fire and Explosion Hazards: Exposure to temperature above 120° F may cause bursting.

SECTION V · REACTIVITY DATA

Stability: Material Stable.

Hazardous Polymerization: Will not Occur.

Incompatibility: Avoid contact with strong oxidizing agents,

Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide

SECTION VI · STORAGE AND HANDLING

KEEP OUT OF REACH OF CHILDREN.

For Industrial and Institutional use only.

Store in a cool, dry area away from heat or open flame.

Do not store at temperatures above 120° F.

NFPA Code 30B Rating: Level 3 Aerosol.

SECTION VII · HEALTH AND FIRST AID

PRIMARY ROUTES OF ENTRY & EFFECTS OF OVER EXPOSURE:

Eyes: May cause slight irritation but does not injure eye tissue.

Skin: Frequent or prolonged contact may cause irritation.

Inhalation: Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis.

FIRST AID PROCEDURES:

Eyes: Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately.

Skin: Wash with soap and water. If irritation persists seek medical attention.

Inhalation: Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration.

Ingestion: Do not induce vomiting. Seek medical attention immediately.

SECTION VIII · SPECIAL PROTECTION DATA

Respiratory Protection: None needed for proper use in accordance with label directions.

Ventilation: Provide local exhaust to keep TLV of Section II ingredients below acceptable limits.

Protective Gloves: None needed for proper use in accordance with label directions. Use chemical resistant gloves if hand contact will be made.

Eye Protection: None needed unless it is anticipated that a splash or spray back will occur, then wear safety glasses or chemical proof goggles.

SECTION IX · SPILL OR LEAK PROTECTION

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK: Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State and local laws.

WASTE DISPOSAL METHOD: Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, State and local authorities for approved procedures.

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MATERIAL SAFETY DATA SHEET
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SECTION I · PRODUCT IDENTIFICATION

Product Name: Zin Kote 601
Product Number: 95788
Product Type: 5 & 55 Gallon Containers
Formula: Proprietary
Supplier's Name: Superior Industries, Inc.
Supplier's Address: 6180 Airways Blvd; Chattanooga, TN 37421
DOT Ship Description: Paint Type Flammable Liquid

Date Prepared: 02/18/05
Information Phone: (423) 899-0467
Emergency Phone: (800) 476-2072

HMIS Rating (Based on Aerosol Conc.):

0-Minimal 1-Slight 2-Moderate
3-Serious 4-Extreme

HEALTH:	2
FLAMMABILITY:	3
PHYSICAL HAZARD:	1
Personal Protection:	I

SECTION II · INGREDIENTS

<u>CHEMICAL NAME</u>	<u>CAS #</u>	<u>%WT</u>	<u>313/Chem</u>	<u>Skin</u>	<u>Carcinogen</u>	<u>PEL</u>	<u>TLV-TWA</u>
Toluene	108-88-3	30-40	YES	YES	NO	200 ppm	50 ppm
Zinc	7440-66-6	10-20	YES	NO	NO	10 mg/m3 (dust)	N/E
Petroleum Distillates, Hydrotreated, Light	64742-47-8	1-10	NO	NO	NO	500 ppm	100 ppm

SECTION III · PHYSICAL DATA

Aerosol Concentrate:
Boiling Point: >200°F
pH: N/A
Appearance/Odor: Gray, viscous liquid with solvent odor.

Specific Gravity (H₂O=1)@70°F: 1.105
Solubility In Water: Negligible
Vapor Density(Air=1): >1

Total Contents:
Total VOC %: 77.62%

Vapor Pressure (can; psig @72°F): 60

SECTION IV · FIRE AND EXPLOSION DATA

Flash Point (Conc.): 80°F
Extinguishing Media: Foam, CO₂, Dry Media
Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.
Unusual Fire and Explosion Hazards: Extremely Flammable in Liquid State.

Flammability (as per CSMA Flame Projection Test):

SECTION V · REACTIVITY DATA

Stability: Material Stable.
Incompatibility: Avoid contact with halogen gases, strong oxidizing agents, acids, and alkaline hydroxides.
Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide, and Zinc Oxide fume.

Hazardous Polymerization: Will not Occur.

SECTION VI · STORAGE AND HANDLING

KEEP OUT OF REACH OF CHILDREN.
For Industrial and Institutional use only.
Store in a cool, dry area away from heat or open flame.
Do not store at temperatures above 120° F.

NFPA Code 30B Rating:

SECTION VII · HEALTH AND FIRST AID

PRIMARY ROUTES OF ENTRY & EFFECTS OF OVER EXPOSURE:
Eyes: May cause irritation accompanied by stinging, tearing, redness, and swelling of eyes.
Skin: May cause mild irritation. Frequent or prolonged contact may cause redness, burning, and drying and cracking of skin. Passage of this material into the body through the skin is possible. May aggravate existing skin conditions.
Inhalation: Inhalation of small amounts of vapor or mist is not likely to cause harmful effects. Inhalation of large amounts may irritate the upper respiratory tract, cause flu-like symptoms, and have a slight anesthetic effect. Prolonged overexposure can cause central nervous system excitation followed by central nervous system depression and other central nervous system effects, temporary changes in mood and behavior, muscle weakness, loss of coordination, confusion, irregular heartbeat, coma, and death. Intentional, prolonged abuse may lead to damage to the central and peripheral nervous systems, vision, hearing, liver, kidneys, heart, blood, and brain.
Ingestion: Can cause gastrointestinal irritation, nausea, fever, vomiting and diarrhea. Aspiration of material into the lungs can cause lung inflammation and other lung injury.

FIRST AID PROCEDURES:
Eyes: Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately.
Skin: Wash with soap and water. If irritation persists seek medical attention.
Inhalation: Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration.
Ingestion: Do not induce vomiting. Seek medical attention immediately.

SECTION VIII · SPECIAL PROTECTION DATA

Respiratory Protection: If air concentrations exceed exposure limits listed in Section II, wear NIOSH/MSHA approved respirator with dust filter and organic vapor cartridge.
Ventilation: Provide local exhaust to keep air concentrations of ingredients listed in Section II below acceptable limits.
Protective Gloves: Use chemical resistant gloves to prevent hand contact.
Eye Protection: Always wear safety glasses or chemical proof goggles when working with chemicals.

SECTION IX · SPILL OR LEAK PROTECTION

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK: Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State and local laws.
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