
MSDS FOR HOT DIP GALVANIZED STEEL CONDUIT

SECTION I - GENERAL INFORMATION

NAME: HOT DIP (ZINC) GALVANIZED STEEL CONDUIT
ALL SIZES (1/2-inch through 6-inch diameters)

MANUFACTURER:
Republic Conduit Manufacturing
7301 Logistics Drive
Louisville, KY 40258-3891
502-995-5900

DOT HAZARD CLASS: Not listed

UN NO.: Not Applicable

NA NO.: Not Applicable

SARA SECTION 313: The components of this product may be subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act and 40 CFR 372. The materials listed below may be present in quantities above the applicable deminimis concentrations and are listed as Toxic Chemicals in 40 CFR 372.65.

ISSUE DATE: 26UN08

REVISION NUMBER: 1.00

PREPARED BY: Environmental Coordinator

SECTION II - INGREDIENTS

<u>MATERIAL</u>	<u>CAS NO.</u>	<u>%</u>
MILD STEEL ALLOY	NA	97.49 - 99.94
CHROMIUM COMPOUNDS (1)	7440-47-3	< 0.01
ZINC (1)	7440-66-6	0.05 - 2.5

1. applied as a metal surface coating

MSDS FOR HOT DIP GALVANIZED STEEL CONDUIT

ROUTES OF ENTRY

PRIMARY: Inhalation, if material has been heated:
above 1,665^oF, driving off chromium and zinc fume.

SECONDARY: Ingestion of dusts.

EFFECTS OF SHORT TERM OVEREXPOSURE:

ZINC: Inhalation of high levels of zinc vapor (zinc oxide fumes) may result in tightness of chest, metallic taste, cough, dizziness, fever, chills, headache, nausea, and dry throat. Overexposure may produce symptoms known as metal fume fever or "zinc shakes"; an acute, self-limiting condition without recognized complications. Symptoms of metal fume fever include: chills, fever, muscular pain, nausea and vomiting.

CHROMIUM: Exposure to concentrations of chromium fume may cause throat and chest irritation, gastrointestinal disorders, abrasive irritation of the skin and eyes.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Inhalation of dust and or fumes may be an irritant to pre-existing respiratory conditions.

EMERGENCY AND FIRST AID PROCEDURES: Symptoms resulting from inhalation overexposure usually disappear within 24 hours. Symptomatic treatment, such as bed rest and possibly aspirin is recommended to provide relief from fever and chills. In all cases, consult physician for medical attention.

EFFECTS OF LONG TERM OVEREXPOSURE:

CHROMIUM: Chromium is a confirmed human carcinogen and poison.

ZINC: Chronic exposure to zinc may cause respiratory tract irritation with nasopharyngitis and laryngitis.

CARCINOGENIC ASSESSMENT: Certain substances in steel products such as arsenic, chromium, nickel, cobalt and chromium alloys have been identified by the International Agency for research on cancer (IARC) and / or the national Toxicology Program (NTP) as potential cancer causing agents.

RepublicConduit

MSDS FOR HOT DIP GALVANIZED STEEL CONDUIT

SECTION VI - REACTIVITY DATA

STABILITY: () Unstable
(X) Stable

CONDITIONS TO AVOID: None

INCOMPATIBILITY (MATERIALS TO AVOID): Avoid contact with acids and alkalis.

HAZARDOUS DECOMPOSITION PRODUCTS: Chromium and Zinc boil off as vapor at elevated temperatures caused by grinding, welding and other modification activities.

HAZARDOUS POLYMERIZATION: () May occur
(X) Will not occur

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Material should be contained for recycling.

WASTE DISPOSAL METHOD: Material may be recycled or disposed of in accordance with Federal, State, and Local Environmental Regulations. This material may be regulated under CERCLA, SARA, and/or RCRA Regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): Use NIOSH/MSHA approved type respirator for protection against dust and metal fume.

VENTILATION: Local exhaust or other ventilation that will reduce dust and fume concentrations to less than permissible exposure limits.

PROTECTIVE GLOVES: Recommended to prevent skin irritation in hypersensitive individuals.

EYE PROTECTION: Use safety eyewear and face shield for protection against airborne particulate matter.

OTHER PROTECTIVE EQUIPMENT: None.

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SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in a dry location, separate from acids and alkalis.

OTHER PRECAUTIONS: Always practice good personal hygiene when working in areas where this material exists, is being cut, or otherwise being modified by mechanical or chemical methods / processes.

DISCLAIMER:

The chemistries provided above are for industrial hygiene and environmental purposes only and are not intended to represent product specifications. Additional steel alloys may be present in trace amounts.

Conduit products shipped as is do not present an exposure hazard.

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of the material. Information contained herein is believed to be true and accurate but all statements or suggestions are made without any warranty, express or implied, regarding accuracy of the information, the hazards connected with the use of the material, or the results to be obtained from the use thereof.

MSDS FOR ELECTRO - GALVANIZED STEEL CONDUIT

SECTION I - GENERAL INFORMATION

NAME: ELECTRO - (ZINC) GALVANIZED STEEL CONDUIT
ALL SIZES (1/2-inch through 6-inch diameters)

MANUFACTURER:
Republic Conduit Manufacturing
7301 Logistics Drive
Louisville, KY 40258-3891
502-995-5900

DOT HAZARD CLASS: Not listed

UN NO.: Not Applicable
NA NO.: Not Applicable

SARA SECTION 313: The components of this product may be subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act and 40 CFR 372. The materials listed below may be present in quantities above the applicable deminimis concentrations and are listed as Toxic Chemicals in 40 CFR 372.65.

ISSUE DATE: 26JUN08

REVISION NUMBER: 1.00

PREPARED BY: Environmental Coordinator

SECTION II - INGREDIENTS

<u>MATERIAL</u>	<u>CAS NO.</u>	<u>%</u>
MILD STEEL ALLOY		97.99-99.89
ALUMINUM DUST (2)	7429-90-5	0.05-1.00
CHROMIUM COMPOUNDS (1)	7440-47-3	< 0.01
ZINC (1)	7440-66-6	0.05-1.00

1. applied as a metal surface coating
2. present as a pigment for the interior diameter coating

MSDS FOR ELECTRO - GALVANIZED STEEL CONDUIT

ROUTES OF ENTRY

PRIMARY: Inhalation, if material has been heated:
above 1,220^oF, driving off aluminum fume.
above 1,665^oF, driving off chromium and zinc fume.

SECONDARY: Ingestion of dusts.

EFFECTS OF SHORT TERM OVEREXPOSURE:

ZINC: Inhalation of high levels of zinc vapor (zinc oxide fumes) may result in tightness of chest, metallic taste, cough, dizziness, fever, chills, headache, nausea, and dry throat. Overexposure may produce symptoms known as metal fume fever or "zinc shakes"; an acute, self-limiting condition without recognized complications. Symptoms of metal fume fever include: chills, fever, muscular pain, nausea and vomiting.

CHROMIUM: Exposure to concentrations of chromium fume may cause throat and chest irritation, gastrointestinal disorders, abrasive irritation of the skin and eyes.

ALUMINUM: Exposure to high concentrations of aluminum may cause skin, eye and respiratory tract irritation. Over exposure to metal fumes may also cause metal fume fever as described above.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Inhalation of dust and or fumes may be an irritant to pre-existing respiratory conditions.

EMERGENCY AND FIRST AID PROCEDURES: Symptoms resulting from inhalation overexposure usually disappear within 24 hours. Symptomatic treatment, such as bed rest and possibly aspirin is recommended to provide relief from fever and chills. In all cases, consult physician for medical attention.

EFFECTS OF LONG TERM OVEREXPOSURE:

ALUMINUM: Chronic exposure to aluminum fumes is toxic to lung tissues and is suspected as one cause for Alzheimer's disease.

CHROMIUM: Chromium is a confirmed human carcinogen and poison.

MSDS FOR ELECTRO - GALVANIZED STEEL CONDUIT

ZINC: Chronic exposure to zinc may cause respiratory tract irritation with nasopharyngitis and laryngitis.

CARCINOGENIC ASSESSMENT: Certain substances in steel products such as arsenic, chromium, nickel, cobalt and chromium alloys have been identified by the International Agency for research on cancer (IARC) and / or the national Toxicology Program (NTP) as potential cancer causing agents.

SECTION VI - REACTIVITY DATA

STABILITY: () Unstable
(X) Stable

CONDITIONS TO AVOID: None

INCOMPATIBILITY (MATERIALS TO AVOID): Avoid contact with acids and alkalis.

HAZARDOUS DECOMPOSITION PRODUCTS: Aluminum, Chromium and Zinc boil off as vapor at elevated temperatures caused by grinding, welding and other modification activities.

HAZARDOUS POLYMERIZATION: () May occur
(X) Will not occur

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Material should be contained for recycling.

WASTE DISPOSAL METHOD: Material may be recycled or disposed of in accordance with Federal, State, and Local Environmental Regulations. This material may be regulated under CERCLA, SARA, and/or RCRA Regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): Use NIOSH/MSHA approved type respirator for protection against dust and metal fume.

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VENTILATION: Local exhaust or other ventilation that will reduce dust and fume concentrations to less than permissible exposure limits.

PROTECTIVE GLOVES: Recommended to prevent skin irritation in hypersensitive individuals.

EYE PROTECTION: Use safety eyewear and face shield for protection against airborne particulate matter.

OTHER PROTECTIVE EQUIPMENT: None.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in a dry location, separate from acids and alkalis.

OTHER PRECAUTIONS: Always practice good personal hygiene when working in areas where this material exists, is being cut, or otherwise being modified by mechanical or chemical methods / processes.

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