7.4%

4.37% 2.08%

US4

Revised On 09/25/2014

1 Identification of the substance and manufacturer				
Trade name:	COLD GALVANIZE GRAY			
Product code: Product category Manufacturer/Supplier:	19945 PC9a Paints and coatings. Lawson Products, Inc. 8770 W. Bryn Mawr Avenue Chicago, IL 60631 USA			
Emergency telephone number:	phone: 773-304-5050 888-426-4851			
2 Hazard(s) identification				
Classification of the substance or	mixture			
Flam. Aerosol 1 H222 Extremely flar				
	under pressure; may explode if heated.			
	damaging fertility or the unborn child.			
	amage to organs through prolonged or repeated exposure.			
Skin Irrit. 2 H315 Causes skin i				
	rowsiness or dizziness.			
GHS Hazard pictograms				
	$\forall \checkmark \lor \lor \lor$			
	GHS02 GHS04 GHS07 GHS08			
Signal word	Danger			
Hazard statements	Extremely flammable aerosol.			
	Contains gas under pressure; may explode if heated.			
	Causes skin irritation. Suspected of damaging fertility or the unborn child.			
	May cause drowsiness or dizziness.			
	May cause damage to organs through prolonged or repeated exposure.			
Precautionary statements	If medical advice is needed, have product container or label at hand. Keep out of reach of children.			
	Read label before use.			
	Obtain special instructions before use.			
	Keep away from heat/sparks/open flames/hot surfaces No smoking. Do not spray on an open flame or other ignition source.			
	Pressurized container: Do not pierce or burn, even after use.			
	Pressurized container: Do not pierce or burn, even after use. Wash hands thoroughly after handling.			
	Use only outdoors or in a well-ventilated area. Do not handle until all safety precautions have been read and understood.			
	Wear protective gloves/protective clothing/eye protection/face protection.			
	Use personal protective equipment as required.			
	Do not breathe dust/fume/gas/mist/vapours/spray. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.			
	If skin irritation occurs: Get medical advice/attention.			
	IF ON SKIN: Wash with plenty of water.			
	Take off contaminated clothing and wash before reuse. IF exposed or concerned: Get medical advice/attention.			
	Get medical advice/attention if you feel unwell.			
	Specific treatment (see on this label).			
	Store locked up.			
	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Store in a well-ventilated place. Keep container tightly closed.			
	Dispose of contents/container in accordance with local/regional/national/international regulations.			
3 Composition/information on ing	gredients			
Chemical Description:	This product is a mixture of the substances listed below with nonhazardous additions.			
Dangerous components:				
7440-66-6 zinc powder	46.15%			
108-88-3 Toluene	22.2%			
74-98-6 propane	12.6%			

#### 4 First-aid measures

106-97-8 n-butane

64742-47-8 Mineral Spirits 67-63-0 isopropyl alcohol

After inhalation: After skin contact: Supply fresh air; consult doctor in case of complaints. Immediately wash with water and soap and rinse thoroughly. Remove contaminated clothing. Wash exposed area with soap and water. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. Rinse out mouth and then drink plenty of water. (Contd. on page 2)

After eye contact: After swallowing:

# Safety Data Sheet acc. to OSHA HCS

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Frade name: COLD GALVANIZE GRAY       Correl of page 1)         Most important symptoms and indication of any immediate medical attention needed:       Rinse mouth with water: Do not induce vomiting.       Diztness No tarther relevant information available.         5 Fire-fighting measures       Extinguishing powder, or water spray. Fight larger fires with water spray or alcohol CO2, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol CO2, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol CO2, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol CO2, extinguishing powder or water spray.         6 Accidental release measures       Vear protective equipment. Keep unprotected persons away. Use respiratory protective device may be necessary.         7 Handling and storage       Wear protective equipment. Keep unprotected persons away. Use espiratory protective device gains the effects of numes/dustaterosol.         8 Exposure controls/personal protective optimements:       Use only in well ventilated areas. Keep away from sources of heat and direct suntight. Do not warehouse in subfreezing conditions.         7 Handling and storage       Percention protective optimements:       Percention protective set to booked up.         8 Exposure controls/personal protection       Keep away from sources of heat and direct suntight. Do not warehouse in subfreezing conditions.         9 PEL (USA) Long-term value: 200 ppm "10-mit peak per 6-H is hift "10-mit peak per 6-H is hift "100 ppm         1		acc. to OSHA HCS	
Most important symptoms and offects: indication of any immediate medical attention needed:         Disziness         Disziness           Special factors:         Disziness         No further relevant information available.         Disziness           Special hazards:         CO2: sand, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol co2: sand, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol co2: sand, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol co2: sand memory procedures:           Special hazards:         Protective orguipment for memory procedures:         Wear protective device may be necessary.           A cocidential rolease measures         Dispose contaminated material as waste according to section 13.           Precedures:         Wear protective equipment, Keep unprotected persons away. Use respiratory protective device against the effects of functificulture accoluture equipment and omergency procedures:           Precedures:         Use only in well ventilated areas. Keep away from sources of heal and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.           Store locked up.         Togetime maker: 70 ppm (10, 10, 10, 10, 10, 10, 10, 10, 10, 10,	Printing date 09/25/2014		Revised On 09/25/2014
Masteries         Bries mouth with water. Do not induce vomiting.           Discrete         Discrete           Special heards:         Co2, sand, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol           Special heards:         Co2, sand, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol           Special heards:         Co2, sand, extinguishing powder, or water spray. Fight larger fires with water spray.           Special heards:         Co2, sand, extinguishing powder, or water spray. Fight larger fires with water spray.           Proceetive equipment for         A respiratory protective device may be necessary.           6 Accidental release measures         Personal precautions, protective device against the effects of turnes/dustarerosol.           Wathods and material for construction and dearing up:         Dispose contaminated material as waste according to section 13.           7 Handling and storage         Vear protective device of heat and direct sunlight. Do not warehouse in subfreezing conditions.           8 Exposure controls/personal protection         Congeter water. 200 ppm           Congeter water. 200 ppm         The only paw dev for the site of the pmm           17 48-83 Tolene         Personal group dev with intervalue. 200 ppm           17 4. (USA)         Long-term value. 200 ppm           17 4. (USA)         Long-term value. 200 ppm           17 4. (USA)         Long-t	Trade name: COLD GALVANIZE GRAY		
Masteries         Bries mouth with water. Do not induce vomiting.           Discrete         Discrete           Special heards:         Co2, sand, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol           Special heards:         Co2, sand, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol           Special heards:         Co2, sand, extinguishing powder, or water spray. Fight larger fires with water spray.           Special heards:         Co2, sand, extinguishing powder, or water spray. Fight larger fires with water spray.           Proceetive equipment for         A respiratory protective device may be necessary.           6 Accidental release measures         Personal precautions, protective device against the effects of turnes/dustarerosol.           Wathods and material for construction and dearing up:         Dispose contaminated material as waste according to section 13.           7 Handling and storage         Vear protective device of heat and direct sunlight. Do not warehouse in subfreezing conditions.           8 Exposure controls/personal protection         Congeter water. 200 ppm           Congeter water. 200 ppm         The only paw dev for the site of the pmm           17 48-83 Tolene         Personal group dev with intervalue. 200 ppm           17 4. (USA)         Long-term value. 200 ppm           17 4. (USA)         Long-term value. 200 ppm           17 4. (USA)         Long-t	-		
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Concidental release measures     Personal precautions, protective     grupnent and denergingery     procedures:         Wear protective equipment. Keep unprotected persons away.         Use ary protective device against the effects of fumes/dust/aerosol.     Methods and material for     containment and cleaning up:     Dispose contaminated material as waste according to section 13.     Terret and controls/personal protective on the section of the	Protective equipment for		
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Storage requirements:       Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.         8 Exposure controls/personal protection       Components with limit values that require monitoring at the workplace:         108-88-3 Toluene       PEL (USA)         Centing limit value: 300: 500° ppm       Centing limit value: 300: 500° ppm         Centing limit value: 300: 500° ppm       Centing limit value: 375 mg/m², 100 ppm         Tu (USA)       Short-term value: 75 mg/m², 1000 ppm         Tu (USA)       Long-term value: 375 mg/m², 1000 ppm         REL (USA)       Long-term value: 1800 mg/m², 1000 ppm         REL (USA)       Long-term value: 1800 mg/m², 1000 ppm         Tu (USA)       leng-term value: 1800 mg/m², 1000 ppm         REL (USA)       Long-term value: 1800 mg/m², 1000 ppm         REL (USA)       Long-term value: 1800 mg/m², 1000 ppm         Tu (USA)       leng-term value: 1800 mg/m², 1000 ppm         REL (USA)       Long-term value: 1800 mg/m², 1000 ppm         REL (USA)       Long-term value: 1800 mg/m², 1000 ppm         Tu (USA)       Long-term value: 1800 mg/m², 400 ppm         REL (USA)       Long-term value: 1800 mg/m², 400 ppm         Long-term value: 980 mg/m², 400 ppm       Long-term value: 980 mg/m², 400 ppm         Long-term value: 980 mg/m², 400 ppm       Long-term value: 980 mg/m			
Storie lockéd up.     Image: Construction of the store of		Use only in well ventilated areas. Keep away from sources of heat and direct sunlight. Do not warehouse in s	subfreezing conditions
Components with limit values that require monitoring at the workplace:         106-88-3 Toluene         PEL (USA)         Ilong-term value: 200 ppm	otorago roquironiono.		
Components with limit values that require monitoring at the workplace:         106-88-3 Toluene         PEL (USA)         Ilong-term value: 200 ppm		<i></i>	
108-88-3 Toluene         PEL (USA)         Long-term value: 200 ppm Ceining limit value: 300: 500° ppm '10-min peak per 8-hr shift         REL (USA)         Short-term value: 375 mg/m³, 100 ppm BEI         74-98-6 propane         PEL (USA)         Long-term value: 76 mg/m³, 100 ppm BEI         TLV (USA)         Long-term value: 1800 mg/m³, 1000 ppm         PEL (USA)         Long-term value: 1800 mg/m³, 1000 ppm         TLV (USA)         Long-term value: 1800 mg/m³, 1000 ppm         TLV (USA)         Iong-term value: 1800 mg/m³, 1000 ppm         TLV (USA)         Iong-term value: 1900 mg/m³, 1000 ppm         TLV (USA)         Iong-term value: 1900 mg/m³, 1000 ppm         Cf 43:0 isopropyi al cohol         PEL (USA)         Iong-term value: 1900 mg/m³, 1000 ppm         Child         Long-term value: 1900 mg/m³, 400 ppm         Long-term value: 980 mg/m³, 400 ppm         BEI         Ingredients with biological limit values:         108-88-3 Toluene         BEI         BEI         USA) <th></th> <th></th> <th></th>			
PEL (USA)       Long-term value: 200 ppm Celling limit value: 300: 500° ppm "10-min peak per 8-hr shift         REL (USA)       Short-term value: 550 mg/m², 100 ppm Long-term value: 75 mg/m², 100 ppm BEI         74-98-6 propane       PEL (USA)         PEL (USA)       Long-term value: 1800 mg/m³, 1000 ppm         REL (USA)       Iong-term value: 1900 mg/m³, 800 ppm         TLV (USA)       Short-term value: 2370 mg/m³, 1000 ppm         REL (USA)       Short-term value: 2370 mg/m³, 1000 ppm         REL (USA)       Short-term value: 2370 mg/m³, 1000 ppm         CV (USA)       Short-term value: 2370 mg/m³, 200 ppm         Long-term value: 980 mg/m³, 400 ppm       Long-term value: 980 mg/m³, 400 ppm         LV (USA)       Short-term value: 980 mg/m³, 200 ppm         BEI       Short-term value: 980 mg/m³, 200 ppm         BEI       Ingredients with biological limit values:         108-88-3 Toluene       BEI         BEI (USA)       0.02 mg/L         Medium: urine       Medium: urine         Time: end of shift       Parameter: Toluene         0.3 mg/g creatinine       Medium: urine         <	•	quire monitoring at the workplace:	
*10-min peak per 8-hr shift         REL (USA)         Short-term value: 375 mg/m <sup>3</sup> , 100 ppm         Long-term value: 375 mg/m <sup>3</sup> , 100 ppm <b>74-98-6 propane 74-98-6 propane</b> PEL (USA)         Long-term value: 1800 mg/m <sup>3</sup> , 1000 ppm         REL (USA)         Ing-term value: 1800 mg/m <sup>3</sup> , 1000 ppm         TLV (USA)         Ing-term value: 1800 mg/m <sup>3</sup> , 1000 ppm         TLV (USA)         Ing-term value: 1900 mg/m <sup>3</sup> , 800 ppm         TLV (USA)         Short-term value: 2370 mg/m <sup>3</sup> , 1000 ppm         REL (USA)         Short-term value: 1900 mg/m <sup>3</sup> , 400 ppm         REL (USA)         Short-term value: 320 mg/m <sup>3</sup> , 400 ppm         REL (USA)         Short-term value: 380 mg/m <sup>3</sup> , 400 ppm         Lucg-term value: 380 mg/m <sup>3</sup> , 400 ppm         LV (USA)         Short-term value: 390 mg/m <sup>3</sup> , 200 ppm         BEI         Ingredients with biological limit values: <b>108-88-3 Toluen</b> BEI (USA)         BEI (USA)         0.02 mg/L         Medium: blood         Medium: urine         Time: prior to last shift of workweek         Parameter: Toluene         0.3 mg/g creat	PEL (USA) Long-term value: 200 ppm		
REL (USA)       Short-term value: 560 mg/m <sup>3</sup> , 150 ppm Long-term value: 75 mg/m <sup>3</sup> , 100 ppm BEI         74-98-6 propene       PEL (USA)         PEL (USA)       Long-term value: 1800 mg/m <sup>3</sup> , 1000 ppm         REL (USA)       Long-term value: 1800 mg/m <sup>3</sup> , 1000 ppm         REL (USA)       Long-term value: 1800 mg/m <sup>3</sup> , 1000 ppm         TLV (USA)       Long-term value: 1800 mg/m <sup>3</sup> , 1000 ppm         TLV (USA)       Long-term value: 1800 mg/m <sup>3</sup> , 800 ppm         TLV (USA)       Long-term value: 2370 mg/m <sup>3</sup> , 800 ppm         TLV (USA)       Long-term value: 2370 mg/m <sup>3</sup> , 400 ppm         REL (USA)       Long-term value: 980 mg/m <sup>3</sup> , 400 ppm         REL (USA)       Long-term value: 980 mg/m <sup>3</sup> , 400 ppm         Long-term value: 980 mg/m <sup>3</sup> , 400 ppm       Long-term value: 980 mg/m <sup>3</sup> , 400 ppm         Long-term value: 980 mg/m <sup>3</sup> , 400 ppm       Long-term value: 237 mg/m <sup>3</sup> , 200 ppm         BEI (USA)       Short-term value: 980 mg/m <sup>3</sup> , 400 ppm         Long-term value: 242 mg/m <sup>3</sup> , 200 ppm       BEI         BEI (USA)       0.02 mg/L         Medium: blood       Imme: prior to last shift of workweek         Parameter: Toluene       0.3 mg/g creatinine         Medium: urine       Time: prior to last shift         Time: end of shift       Parameter: Toluene         0.3 mg/g creatinine       Medium: u	Ceiling limit value: 300; 500 *10-min peak per 8-hr shift	)* ppm	
TLV (USA)         Long-term value: 75 mg/m³, 20 ppm           BEI           74-98-6 propane           PEL (USA)         Long-term value: 1800 mg/m³, 1000 ppm           REL (USA)         Long-term value: 1800 mg/m³, 1000 ppm           TLV (USA)         Long-term value: 1800 mg/m³, 800 ppm           TLV (USA)         Long-term value: 1900 mg/m³, 800 ppm           TLV (USA)         Long-term value: 2370 mg/m³, 1000 ppm           67-63-0 isopropyl alcohol         PEL (USA)           PEL (USA)         Long-term value: 280 mg/m³, 400 ppm           Long-term value: 280 mg/m³, 400 ppm         Long-term value: 225 mg/m³, 500 ppm           Long-term value: 980 mg/m³, 400 ppm         Long-term value: 980 mg/m³, 200 ppm           Long-term value: 980 mg/m³, 200 ppm         Bel (USA)           Short-term value: 980 mg/m³, 200 ppm         Bel (USA)           Long-term value: 980 mg/m³, 200 ppm         Bel (USA)           O.02 mg/L         Medium: blood           Medium: urine         Time: prior to last shift of workweek           Parameter: Toluene         0.3 mg/g creatinine           0.3 mg/g creatinine         Medium: urine           Time: end of shift         Parameter: o-Cresol with hydrolysis (background)	REL (USA) Short-term value: 560 mg/r	n <sup>3</sup> , 150 ppm	
BEI           74-98-6 propane           PEL (USA)           PLU(USA)           Long-term value: 1800 mg/m³, 1000 ppm           TLV (USA)           Tof-97-8 n-butane           REL (USA)           REL (USA)           Long-term value: 1900 mg/m³, 800 ppm           TLV (USA)           Short-term value: 2370 mg/m³, 400 ppm           REL (USA)           Long-term value: 280 mg/m³, 400 ppm           REL (USA)           Short-term value: 280 mg/m³, 400 ppm           Long-term value: 980 mg/m³, 200 ppm           BEI           Ingredients with biological limit values:           100-88-3 Toluene           BEI (USA)           BEI (USA)           O.02 mg/L           Medium: blood           Time: prior to last shift of workweek           Parameter: Toluene           0.3 mg/L           Medium: urine           Time: end of shift           Parameter: oCresol with hydrolysis (background)			
PEL (USA)       Long-term value: 1800 mg/m³, 1000 ppm         REL (USA)       Long-term value: 1800 mg/m³, 1000 ppm         TLV (USA)       refer to Appendix F <b>106-97-8 n-butane</b> REL (USA)         REL (USA)       Short-term value: 1900 mg/m³, 800 ppm         TLV (USA)       Short-term value: 2370 mg/m³, 1000 ppm <b>67-63-0 isopropyl alcohol 67-63-0 isopropyl alcohol</b> PEL (USA)       Long-term value: 980 mg/m³, 400 ppm         Long-term value: 980 mg/m³, 400 ppm       Long-term value: 980 mg/m³, 400 ppm         Long-term value: 984 mg/m³, 400 ppm       Long-term value: 984 mg/m³, 200 ppm         Dog-term value: 984 mg/m³, 200 ppm       BEI         Ingredients with biological limit values: <b>108-88-3 Toluene 108-88-3 Toluene 103 mg/L</b> Medium: blood       Time: prior to last shift of workweek         Parameter: Toluene       0.03 mg/L         Medium: urine       Time: end of shift         Parameter: Toluene       0.3 mg/g creatinine         Medium: urine       Time: end of shift         Parameter: Toluene       0.3 mg/L         Medium: urine       Time: end of shift         Parameter: c-Cresol with hydrolysis (background)       (Contd. on page 3)	BEI	, pp	
REL (USA)       Long-term value: 1800 mg/m³, 1000 ppm         TLV (USA)       refer to Appendix F         106-97-8 n-butane       REL (USA)         REL (USA)       Long-term value: 2370 mg/m³, 800 ppm         67-63-0 isopropyl alcohol       67-63-0 isopropyl alcohol         PEL (USA)       Long-term value: 980 mg/m³, 400 ppm         REL (USA)       Short-term value: 980 mg/m³, 400 ppm         Long-term value: 980 mg/m³, 400 ppm       Long-term value: 980 mg/m³, 400 ppm         Long-term value: 980 mg/m³, 400 ppm       Long-term value: 980 mg/m³, 200 ppm         BEI (USA)       Short-term value: 980 mg/m³, 400 ppm         BEI (USA)       Short-term value: 980 mg/m³, 200 ppm         BEI (USA)       Short-term value: 492 mg/m³, 200 ppm         BEI (USA)       0.02 mg/L         Medium: blood       Medium: blood         Time: priot to last shift of workweek       Parameter: Toluene         0.03 mg/L       Medium: urine         Medium: urine       Time: end of shift         Parameter: Toluene       0.3 mg/g creatinine         Medium: urine       Time: end of shift         Parameter: - Ocresol with hydrolysis (background)       Parameter: corresol with hydrolysis (background)		m³ 1000 ppm	
106-97-8 n-butane         REL (USA)       Long-term value: 1900 mg/m³, 800 ppm         TL/V (USA)       Short-term value: 2370 mg/m³, 1000 ppm         67-63-0 isop-opyl alcohol       PEL (USA)         Long-term value: 980 mg/m³, 400 ppm       Long-term value: 980 mg/m³, 400 ppm         Long-term value: 980 mg/m³, 400 ppm       Long-term value: 980 mg/m³, 400 ppm         Long-term value: 980 mg/m³, 400 ppm       Long-term value: 980 mg/m³, 200 ppm         TLV (USA)       Short-term value: 980 mg/m³, 200 ppm         BEI       Short-term value: 492 mg/m³, 200 ppm         BEI       Short-term value: 980 mg/m³, 400 ppm         Long-term value: 492 mg/m³, 200 ppm       BEI         BEI       Short-term value: 980 mg/m³, 400 ppm         Long-term value: 492 mg/m³, 200 ppm       BEI         Ingredients with biological limit values:       108-88-3 Toluene         0.02 mg/L       Medium: blood         Time: prior to last shift of workweek       Parameter: Toluene         0.03 mg/L       Medium: urine         Medium: urine       Time: end of shift         Parameter: Toluene       0.3 mg/g creatinine         Medium: urine       Time: end of shift         Parameter: o-Cresol with hydrolysis (background)       Contd. on page 3			
REL (USA)       Long-term value: 1900 mg/m³, 800 ppm         TLV (USA)       Short-term value: 2370 mg/m³, 1000 ppm <b>67-63-0</b> isopropyl alcohol       PEL (USA)         Long-term value: 980 mg/m³, 400 ppm         Long-term value: 984 mg/m³, 200 ppm         BEI         Ingredients with biological limit values:         108-88-3 Toluene         BEI (USA)         0.02 mg/L         Medium: blood         Time: prior to last shift of workweek         Parameter: Toluene         0.03 mg/L         Medium: urine         Time: end of shift         Parameter: Toluene         0.3 mg/g creatinine         Medium: urine         Time: end of shift         Parameter: o-Cresol with hydrolysis (background)         Contd. on page 3			
TLV (USA)       Short-term value: 2370 mg/m³, 1000 ppm         67-63-0 isopropyl alcohol       PEL (USA)         PEL (USA)       Short-term value: 1225 mg/m³, 500 ppm         Long-term value: 980 mg/m³, 400 ppm         TLV (USA)       Short-term value: 984 mg/m³, 400 ppm         Bort-term value: 984 mg/m³, 400 ppm         Long-term value: 984 mg/m³, 400 ppm         Bort-term value: 984 mg/m³, 200 ppm         BEI         Ingredients with biological limit values:         108-88-3 Toluene         BEI (USA)       0.02 mg/L         Medium: blood         Time: prior to last shift of workweek         Parameter: Toluene         0.03 mg/L         Medium: urine         Time: end of shift         Parameter: Toluene         0.3 mg/g creatinine         Medium: urine         Time: end of shift         Parameter: o-Cresol with hydrolysis (background)         Contd. on page 3)		m³ 800 ppm	
PEL (USA)       Long-term value: 980 mg/m³, 400 ppm         REL (USA)       Short-term value: 980 mg/m³, 500 ppm         Long-term value: 984 mg/m³, 400 ppm         TLV (USA)       Short-term value: 984 mg/m³, 200 ppm         BEI       BEI         Ingredients with biological limit values:         109-88-3 Toluene         BEI (USA)       0.02 mg/L         Medium: blood         Time: prior to last shift of workweek         Parameter: Toluene         0.03 mg/L         Medium: urine         Time: end of shift         Parameter: o-Cresol with hydrolysis (background)         (Contd. on page 3)	TLV (USA) Short-term value: 2370 mg		
REL (USA)       Short-term value: 1225 mg/m³, 500 ppm Long-term value: 980 mg/m³, 400 ppm         TLV (USA)       Short-term value: 984 mg/m³, 200 ppm BEI         Ingredients with biological limit values:         108-88-3 Toluene         BEI (USA)       0.02 mg/L Medium: blood Time: prior to last shift of workweek Parameter: Toluene         0.03 mg/L Medium: urine Time: end of shift Parameter: Toluene         0.3 mg/g creatinine Medium: urine Time: end of shift Parameter: o-Cresol with hydrolysis (background)		3 400 ppm	
Long-term value: 980 mg/m³, 400 ppm         Short-term value: 984 mg/m³, 400 ppm         Long-term value: 492 mg/m³, 200 ppm         BEI         Ingredients with biological limit values:         108-88-3 Toluene         BEI (USA)         0.02 mg/L         Medium: blood         Time: prior to last shift of workweek         Parameter: Toluene         0.03 mg/L         Medium: urine         Time: end of shift         Parameter: Toluene         0.3 mg/g creatinine         Medium: urine         Time: end of shift         Parameter: o-Cresol with hydrolysis (background)	REL (USA) Short-term value: 1225 mg	/m <sup>3</sup> . 500 ppm	
Long-term value: 492 mg/m³, 200 ppm BEI         Ingredients with biological limit values:         108-88-3 Toluene         BEI (USA)       0.02 mg/L Medium: blood Time: prior to last shift of workweek Parameter: Toluene         0.03 mg/L Medium: urine Time: end of shift Parameter: Toluene         0.3 mg/g creatinine Medium: urine Time: end of shift Parameter: o-Cresol with hydrolysis (background)	Long-term value: 980 mg/n	1³, 400 ppm	
Ingredients with biological limit values: 108-88-3 Toluene BEI (USA) 0.02 mg/L Medium: blood Time: prior to last shift of workweek Parameter: Toluene 0.03 mg/L Medium: urine Time: end of shift Parameter: Toluene 0.3 mg/g creatinine Medium: urine Time: end of shift Parameter: o-Cresol with hydrolysis (background) (Contd. on page 3)	Long-term value: 984 mg/r	n°, 400 ppm 1³, 200 ppm	
108-88-3 Toluene         BEI (USA)       0.02 mg/L         Medium: blood         Time: prior to last shift of workweek         Parameter: Toluene         0.03 mg/L         Medium: urine         Time: end of shift         Parameter: Toluene         0.3 mg/g creatinine         Medium: urine         Time: end of shift         Parameter: Toluene         0.3 mg/g creatinine         Medium: urine         Time: end of shift         Parameter: o-Cresol with hydrolysis (background)         (Contd. on page 3)			
BEI (USA)       0.02 mg/L         Medium: blood       Time: prior to last shift of workweek         Parameter: Toluene       0.03 mg/L         Medium: urine       Time: end of shift         Parameter: Toluene       0.3 mg/g creatinine         Medium: urine       Time: end of shift         Parameter: Toluene       0.3 mg/g creatinine         Medium: urine       Time: end of shift         Parameter: o-Cresol with hydrolysis (background)       (Contd. on page 3)		9S:	
Medium: blood Time: prior to last shift of workweek Parameter: Toluene 0.03 mg/L Medium: urine Time: end of shift Parameter: Toluene 0.3 mg/g creatinine Medium: urine Time: end of shift Parameter: o-Cresol with hydrolysis (background) (Contd. on page 3)	BEI (USA) 0.02 mg/L		
Medium: urine Time: end of shift Parameter: Toluene 0.3 mg/g creatinine Medium: urine Time: end of shift Parameter: o-Cresol with hydrolysis (background) (Contd. on page 3)	Time: prior to last shift of wo	prkweek	
Medium: urine Time: end of shift Parameter: Toluene 0.3 mg/g creatinine Medium: urine Time: end of shift Parameter: o-Cresol with hydrolysis (background) (Contd. on page 3)	0.03 mg/L		
Parameter: Toluene 0.3 mg/g creatinine Medium: urine Time: end of shift Parameter: o-Cresol with hydrolysis (background) (Contd. on page 3)	Medium: urine		
Medium: urine Time: end of shift Parameter: o-Cresol with hydrolysis (background) (Contd. on page 3)			
Medium: urine Time: end of shift Parameter: o-Cresol with hydrolysis (background) (Contd. on page 3)	0.3 ma/a creatinine		
Parameter: o-Cresol with hydrolysis (background) (Contd. on page 3)	Medium: urine		
		drolysis (background)	
			(Contd. on page 3) US4 -

### Trade name: COLD GALVANIZE GRAY

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	(Contd. of page 2)
67-63-0 isopropyl alcohol	
BEI (USA) 40 mg/L	
Medium: urine	
Time: end of shift at end	
Parameter: Acetone (ba	ickground, nonspecific)
Hygienic protection:	Keep away from foodstuffs and animal feed. Wash hands after use. Immediately remove all soiled and contaminated clothing.
	Immediately remove all soiled and contaminated clothing.
	Wash hands after use.
	Avoid contact with the eyes and skin. Do not eat or drink while working.
	Do not eat or drink while working.
Breathing equipment:	A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn.
• • •	cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn.
	If you suspect overexposure conditions exist, please consult an authority on chemical hydeine.
Hand protection:	Protective gloves. The glove material must be impermeable and resistant to the substance.
Eye protection:	Tightly sealed goggles

### 9 Physical and chemical properties

Appearance:	Aerosol.
Odor:	Aromatic
Odor threshold:	Not determined.
pH-value:	Not determined.
Melting point/Melting range	Undetermined.
Boiling point:	-44 °C (-47 °F)
Flash point:	-19 °C (-2 °F)
Flammability (solid, gas):	Extremely flammable.
Decomposition temperature:	Not determined.
Auto igniting:	Product is not self-igniting.
Danger of explosion:	In use, may form flammable/explosive vapour-air mixture.
Lower Explosion Limit:	1.7 Vol %
Upper Explosion Limit:	10.9 Vol %
Vapor pressure:	Not determined.
Relative Density:	Between 0.77 and 0.85 (Water equals 1.00)
Vapour density	Not determined.
Evaporation rate	Not applicable.
Partition coefficient: n-octonal/water:	Not determined.
Solubility:	Not determined.
Viscosity:	Not determined.
VOC content:	604.5 g/l / 5.04 lb/gl
VOC content (less exempt solvents):	49.1 %
MIR Value:	1.12
Solids content:	51.0 %

## **10 Stability and reactivity**

Stable at normal temperatures.
Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing
temperatures.
Not fully evaluated.
No dangerous reactions known.
No further relevant information available.
No dangerous decomposition products known.

### **11 Toxicological information**

	0	
LD/LC50	values tha	at are relevant for classification:
106-97-8 ı		
Inhalative	LC50/4 h	658 mg/l (rat)
67-63-0 is		
Oral		4570 mg/kg (rat)
Dermal	LD50	13400 mg/kg (rab)
Inhalative	LC50/4 h	30 mg/l (rat)
		cological effects: No data available.
Sensitizat	tion:	No sensitizing effects known.
Carcinoge	enic categ	jories
IARC (International Agency for Research on Cancer)		
108-88-3 Toluene 3		
		(Contd. on page
		- US

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Trade name: COLD GALVANIZE GRAY	
	(Contd. of page 3)
67-63-0 isopropyl alcohol	3
NTP (National Toxicology Program)	
None of the ingredients is listed.	
OSHA-Ca (Occupational Safety & He	ealth Administration)
7440-43-9 cadmium (non-pyrophoric)	
12 Ecological information	
Aquatic toxicity:	Hazardous for water, do not empty into drains.
Persistence and degradability:	The product is degradable after prolonged exposure to natural weathering processes.
Bioaccumulative potential:	No further relevant information available.
Mobility in soil:	No further relevant information available.
Other adverse effects:	No further relevant information available.
13 Disposal considerations	
Dispose of in accordance with local, s	state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be
disposed of responsibly. Do not heat of <b>Recommendation:</b>	or cut empty containers with electric or gas torches. Completely empty cans should be recycled.
Recommendation:	
14 Transport information	
UN-Number	UN1950
DOT	Aerosols, flammable
ADR Transport hazard class(es):	1950 Aerosols,
Class	2.1
Marine pollutant:	Yes
	Symbol (fish and tree)
Special marking (ADR):	Symbol (fish and tree)
Special precautions for user: EMS Number:	Warning: Gases
EMS NUMBER: Packaging Group:	F-D,S-Ŭ 
UN "Model Regulation":	 UN1950, Aerosols,
15 Regulatory information	
SARA Section 355 (extremely hazard	
None of the ingredients in this product	
SARA Section 313 (Specific toxic ch	iemical listings):
7440-66-6 zinc powder	
108-88-3 Toluene	
67-63-0 isopropyl alcohol	
1314-13-2 zinc oxide	
CPSC:	This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.
California Proposition 65 chemicals	
None of the ingredients in this product	
California Proposition 65 chemicals	i de la construcción de la constru La construcción de la construcción d
known to cause developmental toxicity:	108-88-3 Toluene
EPA:	
7440-66-6 zinc powder	D, I, II
108-88-3 Toluene	
1314-13-2 zinc oxide	D, I, II
1314-13-2 ZIIIC UNICE	
16 Other information	
Contact:	Regulatory Affairs

**Regulatory Affairs** 

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