SAFETY DATA SHEET

SECTION 1 IDENTIFICATION

Product Stock No: 5821 TURBALOY® 410 MOD **Product Name:** Product use: Welding Wire and Rod

Manufacturer's name:	UNITED STATES WELDING CORPORATION			
Address:	3579 HWY 50 E. #104, Carson City, NV 89701			
Emergency phone:	(775) 883-7878			
Business phone:	(775) 883-7878			
Website: www.usweldingcorp.com				
Date of issue:	1/5/2020			

SECTION 2-HAZARDS IDENTIFICATION

The article is NOT classified as dangerous according to Directive 1999/45/EC Byproducts generated during the welding process are considered hazardous.

Warning!- Avoid breathing fumes and gases, they may be dangerous to your health. Always use adequate ventilation. Always use appropriate personal protective equipment. Primary Routes of Entry: Respiratory System, Eyes and/or Skin. Arc Rays: The welding arc can injure eyes and burn skin.

Electric Shock: Arc welding and associated process can kill. See Section 8 See Section 11 for more detailed information on health effects and symptoms Fumes and Gases: Can be dangerous to your health.



SECTION 3-COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS No.	EC No.	Wt. %	Classification
Aluminum	7429-90-5	231-072-3	0.05	F: R15, R10
Chromium	7440-47-3	231-157-5	12.50	Not Classified
Copper	7440-50-8	231-159-6	0.50	Not Classified
Iron	7439-89-6	231-096-4	Bal	Not Classified
Manganese	7439-96-5	231-105-1	0.60	Xn, R20/22
Molybdenum	7439-98-7	231-107-2	0.20	Not Classified
Nickel	7440-02-0	231-111-4	0.75	Carc. Cat, 3: R40, R43
Silicon	7440-21-3	231-130-8	0.50	Not Classified

The above percent concentrations are considered nominal and are provided for industrial hygiene purposes. They do not represent a certification of content.

SECTION 4 FIRST AID MEASURES

These measures apply primarily to the byproducts produced during welding.

Inhalation - For over-exposure to airborne fumes and particulate, remove exposed person to fresh air. If breathing is difficult or has stopped, administer artificial respiration or oxygen as indicated. Seek medical attention promptly.

Skin - Remove contaminated clothing. Wash affected areas with soap or mild detergent and water. If thermal burn has occurred, flush area with cold water and seek medical attention. If mechanical abrasion has occurred, seek medical attention.

Eye - To remove dusts or fumes flush with water for at least fifteen minutes. If irritation persists, obtain medical assistance. For radiation burns due to arc flash, see physician.

Ingestion - While Ingestion is not a likely route of exposure for these products. If swallowed call physician immediately! Do not induce vomiting unless directed by medical personnel. Never give fluids or induce vomiting if person is unconscious, having convulsions, or not breathing.

SECTION 5 FIRE-FIGHTING MEASURES

Welding consumables applicable to this sheet as shipped are nonreactive, nonflammable, non explosive and essentially nonhazardous until welded, Welding arcs and sparks can ignite combustibles and flammable products. Unused welding consumables may remain hot for a period of time after completion of a welding process. See American National Standard (ANSI) Z49.1 for further general safety information on the use and handling of welding consumables and associated procedures.

Fire-Fighting Equipment: Wear a self-contained breathing apparatus (SCBA) with a full face-piece operated in pressure-demand or positive-pressure mode and full protective clothing.

SECTION 6 ACCIDENTAL RELEASE MEASURES

As shipped this product does not pose a hazard to the environment.

SECTION 7 HANDLING AND STORAGE

HANDLING: No specific requirements in the form supplied. Handle with care to avoid cuts. Wear gloves when handling welding consumables. Avoid exposure to dust. Do not ingest. Some individuals can develop an allergic reaction to certain materials. Retain all warning and product labels. STORAGE: Keep separate from acids and strong bases to prevent possible chemical reactions

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Components	OSHA PEL (mg/m3)	ACGIH (mg/m3)
Aluminum	15mg/m3 (Total metal dust) 5 mg/m3 (Metal dust – respirable fraction)	10 mg/m3)Metal dust) 5 mg/m3 (Welding fumes)
Beryllium	0.002 mg/m3, 0.005 mg/m3 (ceiling), 0.025 mg/m3 (water soluble)	0.002 mg/m3
Chromium *	1.0 mg/m3 (Metal as Cr)	0.5 mg/m3
Cobalt	0.05 mg/m3 (As Co metal)	0.05 mg/m3 (Dust & fume as Co)
Copper	1 mg/m3 (Dust & mists, as Cu), 0.1 mg/m3 (Fumes as Cu)	1 mg/m3 (Dust & mists, as Cu), 0.2 mg/m3 (Fumes)
Iron	No limit set (For Fe2O3 dust & fumes the PEL is 10 mg/m3 as Fe	No limit set (For Fe2O3 fume the TLV is 5 mg/m3 as Fe
Manganese	5 mg/m ³ (Ceiling, as Mn compounds); 1 mg/m ³ (Fume, as Mn); STEL 3 mg/m ³ (Fume as Mn)	5 mg/m ³ (Dust & compounds, as Mn); 1 mg/m ³ (Fume, as Mn); STEL 3 mg/m ³
		(Fume as Mn)
Molybdenum	10 mg/m ³ (Insoluble compounds, total dust as Mo)	mg/m ³ (Insoluble compounds, as Mo)
Nickel	1 mg/m^3 for metal and insoluble compounds as Ni	1 mg/m ³ as metal
Silicon	10 mg/m ³ Total dust; 5 mg/m ³ Respirable fraction	10 mg/m ³
Titanium	No limit set	No limit set
Tungsten	5 mg/m ³ insoluble compounds, as W; STEL 10 mg/m ³ for insoluble compounds, as W	5 mg/m3 insoluble compounds, as W; STEL 10 mg/m3 for insoluble compounds, as
		W

Addie Anseeden Amerikan Amerik			SECTION 8 CONTINUED			
	Addition Information:			ГР		
	Monitoring Procedures:	If this product contains ingredients with a measures and/or the necessity to use resp	exposure limits, personal, workplace atmosphere or biological monitoring may be determine the effectiveness of ventilation or other contro piratory protective equipment. Reference should be made to European Standard EN689 for methods for the assessment of exposure by	ol		
	Ventilation:	Use process enclosures, local ventilation	n or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fumes or mist,	, use		
Inder Strenzer: Close should be series imminute course. During the viding species, but inderided you are not counseling. The product of the species of th	Respiratory Protection:	Use a properly fitted, air-purifying or air-	-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on			
Sin Process Pr		Gloves should be worn to minimize conta	act. During the welding process, heat insulated gloves are recommended.			
<form> International many factor water products and the product is the fixed fully appealed mean carbon carbon</form>						
Tensors in the sense we have a market of the sense sequence of the sense and the during by during and using the sense velocity during a		product.				
SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES The scote appreciation to the wire an application of the scote and performance of the scote appreciation of the scote appreciation and the scote and the scote appreciation and the scote approximation of the scote appreciation and the scote approximation of the scote appreciation and the scote application of the scote appreciation and the scote application of the scote appreciation and the scote application application and the scote application application and the scote application application application and the scote application		Wash hands, forearms and face thoroughly		ques		
The scaling regime priority to the real comparison of the real product that the real control of the real	should be used to rem					
<text> Column: Source Sour</text>						
Name Products of particle states of the state of the sta	Color: Metallic.					
Breits, **. ginck Media grant, Sager 3, ginck Media grant, Sager 3, ginck Certert, Viching consumption grant with a body are sold and coreclular a shaped. The product new junctical for use of the wedging permeters of was during of fields with a body are sold and coreclular a shaped. The product new junctical for use of the wedging permeters. Stability, This product is suble under sormal coefficient. Description of the wedging permeters of gas. Stability, This product is suble under sormal coefficient. Description of the wedging permeters of gas. Stability, This product is suble under sormal coefficient. Description rystem. Description rystem. Stability, This product is suble under sormal coefficient. Description rystem. Description rystem. Stability, This product is suble under sormal coefficient. Description rystem. Description rystem. Stability, This product is suble under sormal coefficient. Description rystem. Description rystem. Addition Coefficient. Description rystem.						
I encentry Wolling cosmands to applicable to this short and and amondate a shaped. This podule is only intended for usy per far welling parameters were available of the product is used far welling. I advances firms were with the velling parameters. I encentry is the short of the velling parameters is a short of the short of t		Melting Point: ~2350 °F	pH: Not applicable			
The encode of them vanues with the vedding parameters. Reality: Control with avoids a strength one provide of the parameters of the vedding strength one provide strength one pro	General: Welding consumables applic					
SECTION 11 TOXICOLOCIC ALL INFORMATION USES INSURF TESH (ACUE) VORENTIATURE THEFECTS Weight Buses - May out advances, statuse of advances, statuse of advances are intered and compared and a advances, statuse of advances, statuse odvances, statuse	The amount of fume varies with the we	elding parameters.				
SHORT TERM (ACUTE) OVEREXPOSINE EFFECTS: Weiding Funer - May reade in discover in owner and process or intermol. Source and source in the origination of the comparison of source and the origination of the comparison of the compa	Stability: This product is stable under					
LONG_TEXM (CIRRONC) OVEREXPOSURE EFFECTs. Website press - Excess levels may cause bronchial atoma, hung floxos is produced. Automation work can solve and benerated atomation with carrow any studies of the short website specific to the carrow and the complexity is a strategy of the short website specific to the carrow and the carrow and the short website specific to the carrow and the carrow and the carrow and the short website specific to the carrow and the carrow and the carrow and the specific to the carrow and the carrow and the carrow and the specific to the carrow and the carrow and the specific to the carrow and the carrow and the specific to the carrow and the carrow and the specific to the specific to the carrow and the specific to the carrow and the specific to th	respiratory system. Chromium – Inhal injury or death. Dust on skin can form Magnesium, Magnesium Oxide – Ov – Metal fume fever characterized by ch	CPOSURE EFFECTS: Welding Fumes – lation of fumes with chromium (VI) compor ulcers. Eyes may be burned by chromium (' erexposure to the oxide may cause metal fu nills. Fever, upset stomach, vomiting, irritati	May result in discomfort such as dizziness, nausea or dryness or irritation of nose, throat or eyes. Aluminum Oxide – Irritation of the sunds can cause irritation of the respiratory tract, lung damage and asthma-like symptoms. Swallowing chromium (VI) salts can cause sever (VI) compounds. Allergic reactions may occur in some people. Iron, Iron Oxide – None are known. Treat as nuisance dust or fume. ume fever characterized by metallic tastet, tightness of chest and fever. Symptoms may last 24 to 48 hours following overexposure. Mangan tion of the throat and aching of body. Recovery is generally complete within 48 hours of the overexposure. Molybdenum – Irritation of the	nese		
I competent vereespoare to managenee compounds may affect the central nervois system. Symptomis may be similar to Parkinson's discass and cain include shorms, changes in handwriting, gait impairment, mixed espanse integrates and managenees compounds above affect exposure limits are are vereenable of the nervous system, including the bosen by a physician for early detection of aurologic probase. Overeenable of the nervous system, including the bosen by a physician for early detection of aurologic probase. Overeenable of the nervous system, including the bosen by a physician for early detection of aurologic probase. Overeenable of the nervous system, including the bosen and the intended shared speech, leftargy, tennor, macual of auronable probase. Detection of aurologic probase. Detection of aurologic probase of the physican. Covereenable of the observes includes a high physican. Covereenable of the observes and cain intended shared for services probase of the physican. Covereenable of the observes and cain intended shared information for the manaficant cain of the origin tendes of the physican. Covereenable of the observes and detable of differenable of the observes. Tendend by leftared by covereenable of the observes and cain intended shared information in the considence of according probase. Detable of the observes and cain and tender physican. Covereenable of the observes and cain and tender physican. Covereenable of the observes and cain and tender physican. Covereenable of the observes and cain and tenderable of the observes and cain and tender physican. Covereenable of the observes and cain and tenderable of the observes and physican. Covereenable of the observes and physican covereenable of the observes and physican covereenable o	LONG_TERM (CHRONIC) OVERI emphysema. Chromium – Ulceration chromium compounds have an excess chromium (III) and (VI) compounds. I	EXPOSURE EFFECTS: Welding Fumes and perforation of nasal septum. Respirator of lung cancers, Chromium (VI) compound ron, Iron Oxide Fumes – Can cause sidero	s – Excess levels may cause bronchial asthma, lung fibrosis, pneumoconiosis or "siderosis". Aluminum Oxide - Pulmonary fibrosis and ry irritation may occur with symptoms resembling asthma. Studies have shown that chromate production workers exposed to hexavalent ds are more readily absorbed through the skin than chromium (III) compounds. Good practice requires the reduction of employee exposure osis (deposits of iron in lungs) which some researchers believe may affect pulmonary functions. Lungs will clear in time when exposure to			
Imit hun have consulted here docter and obtained information from the manufacture of the docker. Respirators are to be worn only after being medically cleared by your company-designated physician. CARCINOCENTRY: Chromium Viceomounds, indeel compounds are classified as IARC from JE and TPT from SC carringens. Thumin dioxide compounds are classified as IARC from JE as a considered as a surringengen under OSHA (97 CFR 1910-1200). CALIFORNIA PROPOSITION 65: WARNING: THIS PRODUCTIVE HARM). SECTION 12 ECOLOGICAL INFORMATION Welding processes can release fines directly to the environment. Welding we can degrade of HE dirotisid and unprotected. Residess from velding constantables and processes could degrade and accumulate in the soil and recombader. SECTION 13 DISPOSAL CONSIDERATION Welding processes can release fines directly to the environment. Welding were adegrade of HE dirotisid and unprotected. Residues from velding constantables and processes could degrade and accumulate in the soil and recombader. SECTION 13 DISPOSAL CONSIDERATION We transation or restrictions are applicable. No special procedures in environmentally acceptable manner, in full compliance with Federal, State and local regulations. SECTION 15 REGULATORY INFORMATION Not international regulations or restrictions are applicable. No special procedures in Resident from the soil and of 40 DFR 3272. Beryllinn, Chronium, Copper, Manganee and Nickle. Refer to Section 313 of the Emergency Planning and Community Right-To-Know act of 1986 and of 40 DFR 3272. Beryllinn, Manganee and Nickle. Refer to Section 313 of the Emergency Planning and Community Right-To-Know act of 1986 and of 40 DFR 3272. Beryllinn, Chronium, Copper, Manganee and Nickle. Refer to Section 315 of the Emergency Planning and Community Right-To-Know act of 1986 and of 40 DFR 3272. Beryllinn, Chronium, Copper, Manganee and Nickle. Refer to Section 315 of the Emergency Planning and Community Right-To-Know act of 1986 and of 40 DFR 3272. Beryllinn, Chronium, Copper, Manganee an	Long-term overexposure to manganese and cramps and less commonly, tremon manganese and manganese compounds weakness, psychological disturbances a Compounds – Lung fibrosis or pheum	compounds may affect the central nervous r and behavioral changes. Employees who a s above safe exposure limits can cause irrev and spastic gait. Molybdenum – Prolonged oconiosis. Studies of nickel refinery worker	s system. Symptoms may be similar to Parkinson's disease and can include slowness, changes in handwriting, gait impairment, muscle spas are overexposed to manganese compounds should be seen by a physician for early detection of neurologic problems. Overexposure to versible damage to the nervous system, including the brain, symptoms of which may include slurred speech, lethargy, tremor, muscular d overexposure may result in loss of appetite, weight loss, loss of muscle coordination, difficulty in breathing and anemia. Nickel, Nickel ers indicated a higher incidence of lung and nasal cancers. Titanium Dioxide – Pulmonary irritation and slight fibrosis.			
CANCER AND BIRTH DEFECTS (OR OTHER REPRODUCTIVE HARM). SECTION 12 ECOLOGICAL INFORMATION Welding processes can release furnes directly to the environment. Welding wire can degrade iffed toside and unprotected. Residues from welding consumables and processes could degrade and accumulate in the soil and groundwater. SECTION 13 DISPOSAL CONSIDERATION Use recycling procedues if available. Discant any product, residue, packaging, disposable container or liner in an environmentally acceptable manner, in full compliance with Federal. State and local regulations. SECTION 15 DISPOSAL CONSIDERATION Not international regulations or restrictions are applicable. No special precautions are necessary. SECTION 15 REGULATORY INFORMATION This information applies to the wire as supplied. SARA Section 313 Supplier Notification The product covered by this MSDS may contain the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know act of 1986 and of 40 DFR. 372. Berylliam, Chromium, Copper, Marganese and Nickel. Refer to Section 3 of the MSDS for percentage of each element by weight and CAS number. Risk Phrases: Risk Phrases: Risk Phrases: Safety Phrases: Safety Phrases: Safety Phrases: Safety Phrases: Safety Phrases: Safety Name and a labeling have been performed according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and the intended use. Classification and labeling have been performed according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and the intended use. Safety Phrases: Safety Whrases: Safety Whrase	until they have consulted their doctor a CARCINOGENICITY: Chromium V	nd obtained information from the manufact 71 compounds, nickel compounds are classif	turer of the device. Respirators are to be worn only after being medically cleared by your company-designated physician. ified as IARC Group 1 and NTP Group K carcinogens. Titanium dioxide compounds are classified as IARC Group 2B carcinogens, Chromi			
SECTION 12 ECOLOGICAL INFORMATION Welding processes can releases furnes directly to the environment. Welding wire can degrade if left ouside and unprotected. Residues from welding consumables and processes could degrade and accumulate in the soil and groundwater. SECTION 13 DISPOSAL CONSIDERATION User reveluing product, residue, packaging, disposable container or liner in an environmentally acceptable manner, in full compliance with Federal, State and local regulations. SECTION 14 TRANSPORT INFORMATION Not international regulations or restrictions are applicable. No special precurations are necessary. SECTION 15 REGULATORY INFORMATION This information applies to the wire as supplied. SARA Section 313 of the Emergency Planning and Community Right-To-Know act of 1986 and of 40 DFR 372. Beryllino, Mangues and Nickel. Refet to Section 3 of the MSDS for percentage of each element by weight and CAS number. Risk Phrases: R40. Limited evidence of a carcinogenic effect. R2243: May cause sensitization BY INHALATION AND SKIN CONTACT. R15- Contact with skin SECTION 16 OTHER INFORMATION SECTION 16 OTHER INFORMATION Section and labeling protective gloves Contact with skin State section and labeling have been performed according to EU Directives 67/54&EEC and 199945/EC (including amendme				E		
Welding processes can releases funces directly to the environment. Welding wire can degrade if left outside and unprotected. Residues from welding consumables and processes could degrade and accumulate in the soil and groundwater. SECTION 13 DISPOSAL CONSIDERATION Use recycling procedures if available. Discard any product, residue, packaging, disposable container or liner in an environmentally acceptable manner, in full compliance with Federal, State and local regulations. SECTION 14 TRANSPORT INFORMATION Not international regulations or restrictions are applicable. No special precautions are necessary. SECTION 15 REGULATORY INFORMATION SECTION 15 REGULATORY INFORMATION SECTION 15 REGULATORY INFORMATION State procedures if available. Discuss diverts as subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know act of 1986 and of 40 DFR 372. Beryllinn, Chronium, Copper, Manganes and Nickel. Refer to Section 3 of the MDS for percentage of each element by weight and CAS number. Risk Phrases: Review sensitization BV INHALATION AND SKIN CONTACT. Risk Phrases: S2 Do not breathe dust. S42-Do not breathe dust. S2-Do not breathe dust. S2 Do not breathe dust. S2 Do not breathe dust. <td colsp<="" td=""><td>CANCER AND BIRTH DE</td><td></td><td></td><td></td></td>	<td>CANCER AND BIRTH DE</td> <td></td> <td></td> <td></td>	CANCER AND BIRTH DE				
SECTION 13 DISPOSAL CONSIDERATION Use recycling procedures if available. Discard any product, residue, packaging, disposable container or liner in an environmentally acceptable manner, in full compliance with Federal, State and local regulations. SECTION 14 TRANSPORT INFORMATION Net international regulations or estrictions are applicable. No special precautions are necessary. SECTION 15 REGULATORY INFORMATION This information applies to the wire as supplied. SACTION 15 REGULATORY INFORMATION This information applies to the wire as supplied. SACTION 15 REGULATORY INFORMATION This information applies to the wire as supplied. SACTION 15 REGULATORY INFORMATION The product covered by this MSDS may contain the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know act of 1986 and of 40 DFR 372. Berylliam, Chronium, Copper, Margamese and Nickel, Refer to Section 3 of the MSDS for precentage of each element by weight and CAS number. Risk Phrases: S22- Do not breathe dust. S24- Avoid contact with skin SECTION 16 OTHER INFORMATION For additional information please refer to the following sources: USA:				nd		
SECTION 14 TRANSPORT INFORMATION Not international regulations or restrictions are applicable. No special precautions are necessary. SECTION 15 REGULATORY INFORMATION This information applies to the vire as supplied. SARA Section 313 Supplier Notification The product covered by this MSDS may contain the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know act of 1986 and of 40 DFR 372: Beryllium, Chronium, Copper, Manganese and Nickel, Refer to Section 3 of the MSDS for preventage of each element by weight and CAS number. Risk Phrases: RIP - Limited evidence of a carcinogenic effect. RIP - Limited evidence of a carcinogenic effect						
Not international regulations or restrictions are applicable. No special precautions are necessary. SECTION 15 REGULATORY INFORMATION This information applies to the wire as supplied. SARA Section 313 Supplier Notification The product overed by this MSDS may contain the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know act of 1986 and of 40 DFR 372. Beryllium, Chromium, Copper, Manganese and Nickel. Refer to Section 3 of the MSDS for percentage of each element by weight and CAS number. R4243: May cause sensitization BY INHALATION AND SKIN CONTACT. R15- Contact with water liberates extremely flammable gases. R10- Flammable Safety Phrases: S22- Do not breathe dust. S34- Avoid contact with skin S37- Wear suitable protective gloves Product Use: Classification and labeling have been performed according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and the intended use. Industrial Application: Used by welding SeCTION 16 OTHER INFORMATION For additional information please refer to the following sources: USA: American National Standard (ANSI) Z49. T-Safety in Welding and Cutting", ANSI/American Welding Society (AWS) F1.5 "Methods for Sampling and Analyzing Gases from Welding and Allied Processes", ANSI/AWS F1.1 "Method for Sampling Airborne Particles Generated by Welding and Allied Processes", ANSI/AWS F1.1 "Method for Sampling and Cutting", ANSI/American Welding Society (AWS) F1.5 "Methods for Sampling and Analyzing Gases from Welding Society, 550 North Le Jeune Road, Miami, Florida, 3313, Safety and Health Fact Sheets available from AWS at www.aws.org OSHA Publication 206 (29 C.F.R. 1910), U.S. Government Printing Office, Superintendent of Documents, P, O, Box 371954, Pitsburgh, PA. 1.520-7954. Threshold Limit Values and Biological Exposure Indices, American Conference of Governmental Hygienists (ACCIH), 6500 Glenway Ave., Cincinnati, Ohio 45211, USA. NFPA 51B "Standard for Fire Prevention During Welding. Cutting	Use recycling procedures if available.					
This information applies to the vire as supplied. SARA Section 313 Supplier Notification The product covered by this MSDS may contain the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know act of 1986 and of 40 DFR 372: Beryllium, Chromium, Copper, Manganese and Nickel. Refer to Section 3 of the MSDS for percentage of each element by weight and CAS number. R40. Limited evidence of a carcinogenic effect. R42/43: May cause sensitization BV INHALATION AND SKIN CONTACT. R15. Contact with water liberates extremely flammable gases. R10- Flammable Safety Phrases: S22- Do not breathe dust. S37. Wear suitable protective gloves Product Use: Classification and labeling have been performed according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and the intended use. Use: Classification and labeling have been performed according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and the intended use. Use by welding EUTION 16 OTHER INFORMATION For additional information please refer to the following sources: USA: American National Standard (ANSI) 249.1 "Safety in Welding and Cuting", ANSI/American Welding Society (AWS) F1.5 "Methods for Sampling and Analyzing Gases from Welding and Allied Processes", ANSI/AWS F1.1 "Method for Sampling Airborne Particles Generated by Welding and Allied Maw, assaycing OSHA Publication 2206 (22 C.F.R. 1910), USA. Sofery and Health Heat Sheets available from AWS at Www.aws.og OSHA Publication 2206 (22 C.F.R. 1910), USA. Sofery and Health Heat Sheets available from AWS at Www.aws.og OSHA Publication 2206 (22 C.F.R. 1910), USA. Sofery and Health Heat Sheets available from AWS at Www.aws.og OSHA Publication 2206 (22 C.F.R. 1910), USA. Sofery and Health Heat Sheets available from AWS at Www.aws.og OSHA Publication 2206 (22 C.F.R. 1910), USA. Sofery and Health act Sheets available from AWS at Www.aws.og OSHA Publication 2206 (22 C.F.R. 1910), USA. Sofery and Hea	Not international regulations or restrict	tions are applicable. No special precautions	s are necessary.			
SARA Section 313 Supplier Notification ⁻¹ The product covered by this MSDS may contain the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know act of 1986 and of 40 DFR 37: Beryllium, Chromium, Copper, Manganese and Nickel. Refer to Section 3 of the MSDS for percentage of each element by weight and CAS number. Risk Phrases: R40-Limited evidence of a carcinogenic effect. R1/4 R4/24.31 May cause sensitization BY INHALATION AND SKIN CONTACT. R1/5 Contact with water liberates extremely flammable gases. Safety Phrases: S22 Sy 20 Do not breathe dust. Safety Phrases: S22 Sy 37. Wear suitable protective gloves Product Use: Classification and labeling have been performed according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and the intended use. Industrial Application: Used by welding SECTION 16 OTHER INFORMATION For additional information please refer to the following sources: USA: American National Standard (ANS) Z49.1 "Safety in Welding and Cutting", ANSI/American Welding Society (AWS) F15 "Methods for Sampling and Analyzing Gases from Welding and Allied Processes", ANSI/AMS F11.1 "Wethod for Sampling Arithome Particles Gramerated by Welding and Allied for Coccuments, P. O. Box 371054, merican Welding Society, 550	This information applies to the wire as		CHON 15 REGULATORY INFORMATION			
R42/43: May cause sensitization BÝ INHALATION AND SKIN CONTACT. R15- Critated with water liberates extremely flammable gases. Safety Phrases: S22- Do not breath dust. Safety Phrases: Classification and labeling have been performed according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and the intended use. Industrial Application: Used by welding Description: Used by welding and Cutting", ANSI/American Welding Society (AWS) F1.5 "Methods for Sampling and Analyzing Gases from Welding and Allied Processes", ANSIAWS F1.1 "Method for Sampling Airborne Particles Generated by Welding and Allied Processes", ANSIAWS F1.1 "Method for Sampling Airborne Particles Generated by Welding and Allied Processes", ANSIAWS F1.1 "Method for Sampling Airborne Particles Generated by Welding and Allied Processes", ANSIAWS F1.1 "Method for Sampling Airborne Particles Generated by Welding and Allied Processes", ANSIAWF3.2 Ventilation Guide for Weld Fume", American Welding Society, 550 North Le Jeune Road, Miami, Florida, 3315. Safety and Health Fact Sheets available from AWS at <u>www.aws.org</u> OSHA Publication 2206 (29 C.F.R. 1910), U.S. Government Printing Office, Superintendent of Documents, P. O. Box 371954, Pittisburgh, PA. 15250-7954. Threshold Limit Values and Biological Exposure Indices, American Conference of Governmental Hygienits (SARA Section 313 Supplier Notification The product covered by this MSDS matrix 372: Beryllium, Chromium, Copper, M	on y contain the following toxic chemicals sub fanganese and Nickel. Refer to Section 3 of	f the MSDS for percentage of each element by weight and CAS number.			
S24- Avoid contact with skin S37- Wear suitable protective gloves Product Use: Classification and labeling have been performed according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and the intended use. Industrial Application: Used by welding SECTION 16 OTHER INFORMATION For additional information please refer to the following sources: USA: American National Standard (ANSI) Z491. "Safety in Welding and Cutting", ANSI/American Welding Society (AWS) F1.5 "Methods for Sampling and Analyzing Gases from Welding and Allied Processes", ANSI/AWS F1.1 "Method for Sampling Airborne Particles Generated by Welding and Allied Processes", AWSF3.2M/F3.2 Ventilation Guide for Weld Fume", American Welding Society, 550 North Le Jeune Road, Miami, Florida, 33135. Safety and Health Fact Sheets available from AWS at www.aws.org OSHA Publication 2206 (29 C.F.R. 1910), U.S. Government Printing Office, Superintendent of Documents, P. O. Box 371954, Pittsburgh, PA. 15250-7954. Threshold Limit Yalues and Biological Exposure Indices, American Conference of Governmental Hygienists (ACGIH), 6500 Glenway Ave., Cincinnati, Ohio 45211, USA. NFPA 51B "Standard for Fire Prevention During Welding, Cutting and Other Hot Work" published by the National Fire Processes". WMA Publication 236 and 237, "Hazards from Welding Fume", The are welder at work, some general aspects of health and safety: Canada: CSA Standard CAN-CSA-W117.2-01 "Safety in Welding, Cutting and Allied Processes". NOTICE <td>R4 R</td> <td>42/43: May cause sensitization BY INHALA 15- Contact with water liberates extremely t</td> <td>ATION AND SKIN CONTACT.</td> <td></td>	R4 R	42/43: May cause sensitization BY INHALA 15- Contact with water liberates extremely t	ATION AND SKIN CONTACT.			
Product Use: Industrial Application: Classification and labeling have been performed according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and the intended use. Used by welding Product Use: Industrial Application: Classification and labeling have been performed according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and the intended use. Used by welding For additional information please refer to the following sources: SECTION 16 OTHER INFORMATION USA: American National Standard (ANSI) Z49.1 "Safety in Welding and Cutting", ANSI/American Welding Society (AWS) F1.5 "Methods for Sampling and Analyzing Gases from Welding and Allied Processes", ANSI/AWS F1.1 "Method for Sampling Airborne Particles Generated by Welding and Allied Processes", AWSF3.2M/F3.2 Ventilation Guide for Weld Fume", American Welding Society, 550 North Le Jeune Road, Miami, Florida, 33135. Safety and Health Fact Sheets available from AWS at <u>www.aws.org</u> OSHA Publication 2206 (29 C.F.R. 1910), U.S. Government Printing Office, Superintendent of Documents, P. O. Box 371954, Pittsburgh, PA. 1520-7954. Threshold Limit Values and Biological Exposure Indices, American Conference of Governmental Hygienists (ACGIH), 6500 Glenway Ave., Cincinnati, Ohio 45211, USA. NFPA 51B "Standard for Fire Prevention During Welding, Cutting and Other Hot Work" published by the National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02169. UK: WMA Publication 236 and 237, "Hazards from Welding Fume", The arc welder at work, some general aspects of health and safety:. Canada: NOTICE To the best of our knowledge the information herein is accurate. However, United States Welding Corp. does not assume liability whatsoever for the acc	S2	4- Avoid contact with skin				
SECTION 16 OTHER INFORMATION For additional information please refer to the following sources: USA: American National Standard (ANSI) Z49.1 "Safety in Welding and Cutting", ANSI/American Welding Society (AWS) F1.5 "Methods for Sampling and Analyzing Gases from Welding and Allied Processes", ANSI/AWS F1.1 "Method for Sampling Airbome Particles Generated by Welding and Allied Processes", ANSI/AMERIAN USA, Safety and Health Fact Sheets available from AWS at www.aws.org OSHA Publication 2206 (29 C.F.R. 1910), U.S. Government Printing Office, Superintendent of Documents, P. O. Box 371954, Pittsburgh, PA. 15250-7954. Threshold Limit Y dutes and Biological Exposure Indices, American Conference of Governmental Hygienists (ACGIH), 6500 Glenway Ave., Cincinnati, Ohio 45211, USA. NFPA 51B "Standard for Fire Prevention During Welding, Cutting and Other Hot Work" published by the National Fire Procession. 1 Batterymarch Park, Quincy, MA 02169. UK: WMA Publication 236 and 237, "Hazards from Welding, Fume", The arc welder at work, some general aspects of health and safety:. Canada: CSA Standard CAN-CSA-W117.2-01 "Safety in Welding, Cutting and Allied Processes". To the best of our knowledge the information herein is accurate. However, United States Welding Corp. does not assume liability whatsoever for the accuracy or completeness of the information contained herein. Final Determination of Suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described	Product Use: Cla	assification and labeling have been perform	aed according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and the intended use.			
 For additional information please refer to the following sources: USA: American National Standard (ANSI) Z49.1 "Safety in Welding and Cutting", ANSI/American Welding Society (AWS) F1.5 "Methods for Sampling and Analyzing Gases from Welding and Allied Processes", ANSI/AMS F1.1 "Method for Sampling Airborne Particles Generated by Welding and Allied Processes", AWSF3.2M/F3.2 Ventilation Guide for Weld Fume", American Welding Society, 550 North Le Jeune Road, Miami, Florida, 33135. Safety and Health Fact Sheets available from AWS at <u>www.aws.org</u> OSHA Publication 2206 (29 C.F.R. 1910), U.S. Government Printing Office, Superintendent of Documents, P. O. Box 371954, Pittsburgh, PA. 15250-7954. Threshold Limit Values and Biological Exposure Indices, American Conference of Governmental Hygienists (ACGIH), 6500 Glenway Ave., Cincinnati, Ohio 45211, USA. NFPA 51B "Standard for Fire Prevention During Welding, Cutting and Other Hot Work" published by the National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02169. UK: WMA Publication 236 and 237, "Hazards from Welding Fume", The arc welder at work, some general aspects of health and safety:. Canada: CSA Standard CAN-CSA-W117.2-01 "Safety in Welding, Cutting and Allied Processes". <u>NOTICE</u> To the best of our knowledge the information herein is accurate. However, United States Welding Corp. does not assume liability whatsoever for the accuracy or completeness of the information contained herein. Final Determination of Suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described 						
UK: WMA Publication 236 and 237, "Hazards from Welding Fume", The arc welder at work, some general aspects of health and safety:. Canada: CSA Standard CAN-CSA-W117.2-01 "Safety in Welding, Cutting and Allied Processes". NOTICE NOTICE To the best of our knowledge the information herein is accurate. However, United States Welding Corp. does not assume liability whatsoever for the accuracy or completeness of the information contained herein. Final Determination of Suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described	For additional information please refer to the following sources: USA: American National Standard (ANSI) Z49.1 "Safety in Welding and Cutting", ANSI/American Welding Society (AWS) F1.5 "Methods for Sampling and Analyzing Gases from Welding and Allied Processes", ANSI/AWS F1.1 "Method for Sampling Airborne Particles Generated by Welding and Allied Processes", AWSF3.2M/F3.2 Ventilation Guide for Weld Fume", American Welding Society, 550 North Le Jeune Road, Miami, Florida, 33135. Safety and Health Fact Sheets available from AWS at www.aws.org OSHA Publication 2206 (29 C.F.R. 1910), U.S. Government Printing Office, Superintendent of Documents, P. O. Box 371954, Pittsburgh, PA. 15250-7954.					
To the best of our knowledge the information herein is accurate. However, United States Welding Corp. does not assume liability whatsoever for the accuracy or completeness of the information contained herein. Final Determination of Suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described	UK: WMA Publication 236 a	nd 237, "Hazards from Welding Fume", Tl	The arc welder at work, some general aspects of health and safety:. g and Allied Processes".			
	To the best of our knowledge the info					
			the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described			