

A Milacron Company

Dear Customer:

Enclosed is the **REVISED** Material Safety Data Sheet for our product:

D-M-E PRO WELD

The products we distribute are not normally hazardous in their natural state. However, steel does contain elements deemed by OSHA to be hazardous when released by manufacturing, such as brazing, burning, grinding, sawing or welding, etc. Failure to control dust and fumes can result in chronic health problems.

We believe the information, supplied by the Manufacturer, on the enclosed MSDS to be accurate; however, D-M-E makes no warranty with respect to the accuracy of the information or the suitability of the recommendations, and assumes no liability for the information so presented.

Should you require additional information, please call or write the Manufacturer listed on the MSDS.

Sincerely yours,

D-M-E Company Director of Operations Ken Jasina

Revised: May 2005

Material Safety Data Sheet Maybe used to comply with		1	U.S. Department of Labor Occupational Safety and Health Administration							
OSHA's Hazard Communication Star		(Non-Mandatory Form							
29 CFR 1910.1200. Standard must b consulted for specific requirement.	e		Corm approved							
IDENTITY (As Used on Label and	List)		OMB No.1218-0072 Note: Blank spaces:	are not permitted. I	f any items i	s not applicable				
no			Note: Blank spaces are not permitted. If any items is not applicable							
ant no MD COO CL 1 / 1 / NAT	700 \	ł	information is avai	lable, the space m	ust be marke	ed to indicate th				
cat.no.MD-600 Steel strip (NAI Section I	(80)									
Manufacturer's Name	-	F	mergency Telephone	Number						
JAPAN TECHNO ENGINEERING O	CO., LTD.	I	Emergency Telephone Number 03-3804-6760							
Address (Number, Street, City, Sta	ate and ZIP code	e)	Telephone number	r for information						
201, 4–10, 6– CHOME, HIGASHI– EDOGAWA–KU, TOKYO 134, J			03-3804-6760							
]	Date Prepared,	November 10, 20	004					
		- 5	Signature of Preparer	(Optional)						
Section II — Hazardous Ing	redients/Ident	tity inform:	etion		· · · · · · · · · · · · · · · · · · ·	·				
III	realents/ lacin	city informa	ition		Other Limits					
Hazardous Components (Specific Chemical) (optional)	Identity, Common N	Names (s))	OSHA PEL	ACGIH TLV		ommended				
Ni		ics								
Boiling Point	Nil	Specific	Gravity (H2O=1)			7.8				
Vapor Pressure (mm Hg.)	Nil	M	eltint Point			1.530 °C				
Vapor Density (AIR=1)	Nil		Evaporaton Rate setate = 1)			Nil				
Soluble in Water unsoluble	,									
Appearance and Odor bright steel co	lor and no odor									
Section IV Fire and Evaluation	Harry Date				···.					
Section IV - Fire and Explosion Flash Point (Method Used)	i Hazard Data	<u>l</u>	Flammable Lir	nits	LEL	UEL				
nil Extingushing Media			nil							
Special Fire Fighting Procedures										
Unusual Fire and Explosion Hazards	nil			· · · · · · · · · · · · · · · · · · ·						
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Section V – F	Reactivity Data							
Stability	Unstable		Conditions to Av	void 1	nil			
	Stable	x						
Incompatibility	(Materials to Avo	id)	nil					
Hazardous Decor	mposition or Bypr	oducts	nil					
Hazardous	May Occur		Conditions to Avo	oid nil				
Polymerization	Will Not Occur	х						
Section VI -	Health Hazard	Data						
Route (s) of I	Entry.	Inhalat			Skin ?			estion ?
	Vil (Acute and Chron	-ia \	Nil		Nil		N	lil .
neath nazards			Nil					
Carcinogenicity	N	TP?			IARC Monogr	aphs?	OSHA	regulated ?
Nil			Nil		Nil			Nil
Signs and Sympt	oms of Exposure	Nil						
Medical Condition	ns ated by Exposure	Nil						
	First Aid Procedur							
Emergency and r	riist Ald Floceddi	es						
		Nil						
Section VII -	Precautions for	Safe H	andling and Us	e				
Step to Be Taker	n in Case Material	is Releas	ed or Spilled					
		Nil						
Waste Disposal M	1 ethod	diposa	ble as common ref	fuse.				
Precautions to Be	Taken in Handlii		oring				***************************************	
		Nil						
Other Precaution	S							
Section VIII -	Control Meas	ures	:					
_ Respiratory Prote	ection (Specify T	_	:1 .					
			il · 	1				
Ventilation	Local Exhau		Nil		Special	Nil		
	Mechanical	(Genera	1) Nil		Other	Nil		
Protective Gloves	Nil			Eye protec	ction a pair of	glasses		
Other Protrective	Clothing or Equip	ment	NCI	I				
Work/Hygienic Pr	actices	Nil	Nil					
	,	 	Pa	ge 2			USPO '986	5-491-529/45775
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Section V - R	Reactivity Data				***		
Stability	Unstable		Conditions to A	void	nil		
	Stable	x		<u></u> -			
Incompatibility (Materials to Avo	id)	nil				
Hazardous Decor	nposition or Bypr	oducts	nil				
Hazardous Polymerization	May Occur Will Not Occur	· x	Conditions to Av	oid nil			
Section VI -	Health Hazard	Data					
	Entry.	Inhalati	on? Nil		Skin ? Nil		Ingestion ? Nil
Health Hazards	(Acute and Chro	nic)	Nil				
Carcinogenicity Nil	1	NTP?	Nil	***	IARC Monogr Nil	raphs?	OSHA regulated ? Nil
Signs and Sympto	oms of Exposure	Nil					
Medical Condition Generally aggrava	ated by Exposure						
Emergency and F	first Aid Procedui	res Nil					. •
Section VII -				se			
Step to Be Taken	in Case Material	is Releas Nil	ed or Spilled				
Waste Disposal M	lethod	diposal	ole as common re	efuse.			
Precautions to Be	Taken in Handli	ng and Sto Nil	oring	*			
Other Precautions	3						
Section VIII -			· · · · · · · · · · · · · · · · · · ·				
Respiratory Prote	ction (Specify T	ype) N	iI				
Ventilation	Local Exhau Mechanical		Nil l) Nil		Special Other	Nil Nil	
Protective Gloves	Nil			Eye prote	ction a pair of	glasses	
Other Protrective	Clothing or Equi	pment	Nil	.1			
Work/Hygienic Pr	actices	Nil					
			P	age 2			USPO '986-491-529/45775

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Special Fire Fighting Procedures

Unusual Fire and Explosion Hazards

nil

nil

Section V -	Reactivity Data	1	······································	····			
Stability	Unstable		Conditions to Av	void ni	1		
	Stable	х			-		
Incompatibility	(Materials to Av	roid)	nil				
Hazardous Deco	omposition or Byp	products	nil				
Hazardous Polymerization	May Occur Will Not Occu		onditions to Avo	oid nil			
	Health Hazar						
	Entry.	Inhalation			Skin ?		Ingestion ?
	Nil (Acute and Chro	onia)	Nil		Nil		Nil
Laini Hazaius	Acute and Chr	onic)	Nil				,
Carcinogenicity Nil	. ,	NTP?	Nil		IARC Monogra Nil	phs?	OSHA regulated ? Nil
Signs and Sympt	toms of Exposure	Nil					
	ons vated by Exposure First Aid Procedu						·
mergency and	r not rid i roccid	Nil					
Section VII –	Precautions for	or Safe Har	ndling and He				<u> </u>
	n in Case Materia			<u> </u>			·
		Nil	-				
Vaste Disposal N	Method	diposable	as common ref	use.			
recautions to Bo	e Taken in Handl	ing and Stori Nil	ng				
ther Precaution	s	· · · · · · · · · · · · · · · · · · ·					
action VIII	Control M.					· · · · · · · · · · · · · · · · · · ·	
	- Control Measection (Specify T						
		Nil					
entilation	Local Exha	ust N	Fil		Special	Nil	
	Mechanical	(General)	Nil		Other	Nil	
cotective Gloves	s Nil			Eye protecti	on a pair of gl	asses	
ther Protrective	Clothing or Equi	-	 Vil				
ork/Hygienic Pr	actices	Nil	AII		<u> </u>		
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Page 2

Nil

Nil

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Other Protrective Clothing or Equipment

Work/Hygienic Practices

Section V - R	eactivity Data					· · · · · · · · · · · · · · · · · · ·		
Stability	Unstable Stable	X	Conditions to Ave	bio	nil			
Incompatibility (<u> </u>	<u>f</u>	nil					
Hazardous Decom	nposition or Bypre	oducts	nil					
Hazardous Polymerization	May Occur Will Not Occur	x	Conditions to Avoi	d nil				
Section VI -								
Route (s) of E	ntry.	Inhalatio	on? Nil		Skin ? Nil		Ingest	ion ?
Health Hazards (nic)	Nil		INII		Nil	
Carcinogenicity Nil	N	TP?	Nil		IARC Monog	raphs?	OSHA re	gulated ? Nil
Signs and Sympto	ms of Exposure	Nil						
Medical Condition Generally aggrava		Nil						
Emergency and Fi	irst Aid Procedur	28						
	aot ina i loccuur							
		Nil						
Section VII -]								
Step to Be Taken	in Case Material	is Release Nil	d or Spilled					
Waste Disposal Me	ethod	diposabl	le as common refu	se.				
Precautions to Be	Taken in Handlin	g and Stor Nil	ring	*****				
Other Precautions								
Section VIII -	Control Measu	ıres						
Respiratory Protec				-	<u> </u>	··· <u>·</u>		
Ventilation	Local Exhaus		Nil) Nil		Special Other	Nil Nil		
Protective Gloves	Nil			Eye protec	ction a pair of g	glasses		
Other Protrective (Clothing or Equip		Nii					
Work/Hygienic Prac	ctices	Nil	Nil		,	<u> </u>		
			Page	e 2			USPO '9864	491-529/45775

Section V – I	Reactivity Data						
Stability	Unstable Stable	х	Conditions to A	void	nil		
Incompatibility	(Materials to Avoi	d)	nil			-	
Hazardous Deco	mposition or Bypro	oducts	nil				
Hazardous Polymerization	May Occur Will Not Occur		Conditions to Av	oid nil			
Section VI –	Health Hazard	Data					
	Vil	Inhalatio	on? Nil		Skin ? Nil		Ingestion ? Nil
	(Acute and Chron		Nil				
Carcinogenicity Nil	N	TP?	Nil		IARC Monogra Nil	aphs?	OSHA regulated ? Nil
Signs and Sympt	oms of Exposure	Nil					
Medical Condition Generally aggrav	ns rated by Exposure	Nil					
Emergency and	First Aid Procedure	es				***	W 40 720 T-2
		Nil					
	Precautions for			se			
Step to Be Taker	n in Case Material	is Release Nil	ed or Spilled				
Waste Disposal M	Method	diposab	le as common re	efuse.			
Precautions to Bo	e Taken in Handlin	g and Sto Nil	ring				
Other Precaution	S						
	Control Measu						
Respiratory Prote	ection (Specify Ty	rpe) Ni	l .				
Ventilation	Local Exhaus Mechanical		Nil) Nil		Special Other	Nil Nil	
Protective Gloves	s Nil			Eye prote	ection a pair of g	lasses	
Other Protrective	Clothing or Equip	ment	Nil	1			
Work/Hygienic Pr	ractices	Nil	1 111				
			P	age 2			USPO '986-491-529/45775
					 		

Material Safety Data Sheet		U.S. Department of Labor							
Maybe used to comply with		Occupational Safety and Health Administation							
OSHA's Hazard Communication Standar	d.	(Non-Mandatory Form)							
29 CFR 1910.1200. Standard must be consulted for specific requirement.		Form approved OMB No.1218-0072							
IDENTITY (As Used on Label and Lis	<u> </u>	Note: Blank spaces are not permitted. If any items	s is not applicable or n						
1551VIIII (116 Coca on Baser and Bio	,,,	information is available, the space must be marke							
cat.no.MP-67 Steel powder (N11	- SKD11)	, .							
Section I									
Manufacturer's Name		Emergency Telephone Number							
JAPAN TECHNO ENGINEERING CO.,	LTD.	03-3804-6760							
Address (Number, Street, City, State	and ZIP code)	Telephone number for information							
•		-							
201, 4–10, 6–CHOME, HIGASHI–KAS		03-3804-6760							
EDOGAWA-KU, TOKYO 134, JAPA	N.	Date Prepared, November 10, 2004							
		2400 110 parou, 110 venibel 10, 2004							
		Signature of Preparer (Optional)							
		S P P P P P P P P P P P P P P P P P P P							
Section II — Hazardous Ingred	lients/Identity i								
		Other Lim							
Hazardous Components (Specific Chemical Identity It is non-toxic, non-hazardous, non-			% (optional)						
It is supplied in 50 grams plastic con		lowder of leffous alloy.							
Chemical compositions by weight %	umer.								
Ni 0.07									
Cr12.15									
Si 0.29									
C 1.49									
Fe 83.937									
Mn 0.39									
P 0.009									
S 0.004 Cu 0.03									
Mo 1.03									
W 0.30									
V 0.30									
Continuity District (Charles and Charles a	Y								
Section III - Physical/Chemical C	naracteristics								
Boiling Point	Nil .	Specific Gravity (H2O=1)	7.8						
	NT'1	Matta Dia	1 500 %						
Vapor Pressure (mm Hg.)	Nil I	Meltint Point	1.530 °C						
Vapor Density (AIR=1)	Nil	Evaporaton Rate	Nil						
	i !	Butyl Acetate = 1)							
	, , , , , , , , , , , , , , , , , , , 								
Soluble in Water unsoluble									
Appearance and Odor bright steel color	and no odor								
rippearance and odor bright seer color	and no odor								
Section IV - Fire and Explosion F									
Flash Point (Method Used)		Flammable Limits LI	EL UEL						
nil		nil	-						
Extingushing Media									
nil									
Special Fire Fighting Procedures nil									
Unusual Fire and Explosion Hazards	nil								
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Section V - R	Reactivity Data						· · · · · · · · · · · · · · · · · · ·
		T					- Manya-dada-a - A. Januari Amara, J.
Stability	Unstable		Conditions to Avo	id n	il		····
	Stable	X					
Incompatibility ((Materials to Avo	id)	nil				
Hazardous Decor	mposition or Bypr	oducts	nil		==-		
Hazardous	May Occur		Conditions to Avoid	l nil			
Polymerization	Will Not Occur	х					
Section VI -	Health Hazard	Data					
Route (s) of I	Entry.	Inhalat			Skin ?		Ingestion ?
	Vil		Nil		Nil		Nil
Health Hazards	(Acute and Chron	iic)	Nil				
Carcinogenicity	Ň	ITP?	- 112		IARC Monograph	ıs?	OSHA regulated ?
Nil			Nil		Nil		Nil
Signs and Sympto	oms of Exposure	Nil			·		
Medical Condition	ns						
Generally aggrave	ated by Exposure	Nil					•
Emergency and I	First Aid Procedur	<u> </u>					
Ellicigency and i	nst Ma I locedul	CS					
		Nil					
Section VII –	Precautions for	Safe F	landling and Use			*	
			<u> </u>		·-··		·····
Step to Be Taken	ı in Case Material		sed or Spilled				
		Nil					
Waste Disposal M	l ethod	diposa	ble as common refus	se.			
Precautions to Be	Taken in Handlin	ng and St	oring	-			· - · - · · · · · · · · · · · · · · · ·
		Nil	₈				
Other Precautions	 S		······				
Castion VIII	Control Moss				· · · · · · · · · · · · · · · · · · ·		
Section viii –	Control Meas	ures					
_ Respiratory Prote	ection (Specify T	pe) N	Fi1				
Ventilation	Local Exhau	et	Nil		Special	Nil	
Ventuation	Mechanical					Vil	
				·			
Protective Gloves	Nil			Eye protec	tion a pair of glas	ses	
Other Protrective	Clothing or Equip	ment	Nil				
Work/Hygienic Pr	actices	Nil	1 411				
			Page	2		J	JSPO '986-491-529/4

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Section V – F	Reactivity Data						
Stability	Unstable		Conditions to A	void r	 iiI		
	Stable	х					
Incompatibility (Materials to Avo	id)	nil				
Hazardous Decor	mposition or Bypro	oducts	nil				
Hazardous	May Occur		Conditions to Av	oid nil			
Polymerization	Will Not Occur	х					
Section VI -	Health Hazard	Data					
Route (s) of I	Entry.	Inhalat	ion?		Skin ?		Ingestion ?
	lil (Acute and Chron		Nil		Nil		Nil
Health Hazards	(Acute and Chron	iic)	Nil				
Carcinogenicity	N	TP?			IARC Monographs?	С	OSHA regulated ?
Nil			Nil		Nil		Nil
Signs and Sympto	oms of Exposure	Nil					
Medical Condition	ns						
Generally aggrava	ated by Exposure	Nil					
Emergency and F	irst Aid Procedure	es					
		NI:1					
		Nil					
Section VII -	Precautions for	Safe H	landling and Us	se			
_ Stan to Bo Talson	in Case Material	ia Dalaas	d C-:11 . d			-	
step to be Taken	in Case Material	is Keleas Nil	sed of Spined				
Waste Disposal M	lethod	diposa	ble as common re	fuse.			
Precautions to Be	Taken in Handlin	g and St	oring				
		Nil					
Other Precautions	1						
Section VIII -	Control Measi	ıres					
_							
Respiratory Protec	ction (Specify Ty	pe) N	il				
/entilation	Local Exhaus	st	Nil		Special N	i1	
	Mechanical		l) Nil		Other Nil		
Protective Gloves	Nil		• , ,	Eye protect	tion a pair of glasses	;	
Other Protrective	Clothing or Equip	ment		l			
Vork/Hygienic Pra	actices	Nil	Nil				
	7-44						
•			Pa	ge 2		LISPO	986-491-529/45775

Material Safety Data Sheet U.S. Department of Labor Maybe used to comply with Occupational Safety and Health Administation OSHA's Hazard Communication Standard. (Non-Mandatory Form) 29 CFR 1910.1200. Standard must be Form approved consulted for specific requirement. OMB No.1218-0072 IDENTITY (As Used on Label and List) Note: Blank spaces are not permitted. If any items is not applicable or no information is available, the space must be marked to indicate that cat.no.MP-73 Steel powder (N39) Section I Manufacturer's Name Emergency Telephone Number JAPAN TECHNO ENGINEERING CO., LTD. 03 - 3804 - 6760Address (Number, Street, City, State and ZIP code) Telephone number for information 201, 4-10, 6-CHOME, HIGASHI-KASAI 03 - 3804 - 6760EDOGAWA-KU, TOKYO 134, JAPAN Date Prepared, November 10, 2004 Signature of Preparer (Optional) Section II - Hazardous Ingredients/Identity information Other Limits Hazardous Components (Specific Chemical Identity, Common Names (s)) OSHA PEL **ACGIH TLV** Recommended % (optional) It is non-toxic, non-hazardous, non-flamable stainless steel powder of Nickel-Chromium-ferrous alloy. It is supplied in 50 grams plastic container. Chemical compositions by weight % Cr14.00 Mo0.40 C 0.40 V 0.03 Fe86.160 Section III - Physical/Chemical Characteristics **Boiling Point** Nil Specific Gravity (H2O=1) 7.8 Vapor Pressure (mm Hg.) Nil 1.530 °C Meltint Point Vapor Density (AIR=1) Nil **Evaporaton Rate** Nil (Butyl Acetate = 1) Soluble in Water unsoluble Appearance and Odor bright steel color and no odor Section IV — Fire and Explosion Hazard Data Flash Point (Method Used) Flammable Limits LEL UEL nil nil **Extingushing Media** Special Fire Fighting Procedures Unusual Fire and Explosion Hazards nil (Reproduce locally) OSHA 174, Sept. 1985 5-8-86 Published by THE BUREAU OF NATIONAL AFFAIRS, INC. Washington, D.C.20037

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Section V - I	Reactivity Data		_					<u> </u>
Stability	Unstable		Conditions to Av	void nil	<u> </u>	· <u>·····</u>		
	Stable	х					·	
Incompatibility	(Materials to Avo	id)	nil					
Hazardous Deco	mposition or Bypro	oducts	nil					
Hazardous	May Occur		Conditions to Avo	oid nil				
Polymerization	Will Not Occur	х						
Section VI -	Health Hazard	Data						
Route (s) of l	Entry.	Inhalati		· · · · · · · · · · · · · · · · · · ·	Skin ?	· · · · · · · · · · · · · · · · · · ·]	Ingestion ?
	Vil (Acute and Chror	nic)	Nil		Nil			Nil
			Nil					
Carcinogenicity	N	TP?	NT:1		IARC Monographs?			HA regulated ?
Nil			Nil		Nil 			Nil
Signs and Sympt	oms of Exposure	Nil						
Medical Conditio Generally aggrav	ns ated by Exposure	Nil						
Emergency and I	First Aid Procedur	es						
		Nil						
		1111						
	Precautions for			e				
Step to Be Taker	n in Case Material	is Releas Nil	ed or Spilled					
Waste Disposal N	Method	diposal	ole as common ref	use.				
Precautions to Be	Taken in Handlir	ng and Sto	oring	· · · · · · · · · · · · · · · · · · ·				
		Nil	J					
Other Precaution	s							
C 4: VIIII	0 1 3 4			····				
	Control Meas		-		· .			
roopiutory r rote	· · · · · · · · · · · · · · · · · · ·	N	1					
Ventilation	Local Exhau	et	Nil		Special	Nil		
7 021111111011	Mechanical				Other	Nil		
Protective Gloves	s Nil			Eye protecti	on a pair of	glasses		
Other Protrective	Clothing or Equip	ment	NC1	<u> </u>				
Work/Hygienic Pr	actices	Nil	Nil					·
			Pa	ge 2			USPO	986-491-529/45775

Material Safety Data Sheet Maybe used to comply with OSHA's Hazard Communication Standa 29 CFR 1910.1200. Standard must be consulted for specific requirement.	rd.	Occup (Non Form	U.S. Department of Labor Occupational Safety and Health Administration (Non-Mandatory Form) Form approved OMB No.1218-0072						
IDENTITY (As Used on Label and Li					nitted. If any items i pace must be marke				
cat.no.MP-60 Steel powder (N40)	·								
Section I Manufacturer's Name		Emer	geney To	lephone Number		-			
JAPAN TECHNO ENGINEERING CO.	, LTD.		8804—6760	_					
Address (Number, Street, City, State	and ZIP code)	Teler	Telephone number for information						
201, 4–10, 6– CHOME, HIGASHI– KA EDOGAWA–KU, TOKYO 134, JAP	03-	3804-67	60						
		Date	Prepared	, Nover	nber 10, 2004				
		Signa	Signature of Preparer (Optional)						
Section II - Hazardous Ingre	dients/Identity	information	1						
Hazardous Components (Specific Chemical Identification	ty, Common Names (s	s)) OSHA	PEL	ACGIH TLV	Other Lim Recommended	its % (optional)			
Ni 84.97 Cr 5.00 Si 6.50 C 0.03 B 0.50 Fe 3.00									
Section III - Physical/Chemical (Characteristics								
Boiling Point	Nil	Specific Gra	vity (H2	O=1)		7.8			
Vapor Pressure (mm Hg.)	Nil	Meltint Poin	t			1.530 °C			
Vapor Density (AIR=1)	Nil (Evaporaton Butyl Acetat				Nil			
Soluble in Water unsoluble									
Appearance and Odor bright steel color	and no odor	-	· · ·						
Section IV - Fire and Explosion I	Hazard Data								
Flash Point (Method Used) nil			Flamr nil	nable Limits	LEL	. UEL			
Extingushing Media									
Unusual Fire and Explosion Hazards	nil								
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 Ventilation
 Local Exhaust
 Nil
 Special
 Nil

 Mechanical (General)
 Nil
 Other
 Nil

 Protective Gloves
 Nil
 Eye protection
 a pair of glasses

Protective Gloves Nil Eye protection a pair of glasses

Nil

Work/Hygienic Practices Nil

Other Protrective Clothing or Equipment

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Occupational Safety & Health Reporter

Material Safety Data Sheet Maybe used to comply with OSHA's Hazard Communication Standar 29 CFR 1910.1200. Standard must be	rd.	U.S. Department of Labor Occupational Safety and Health Administation (Non-Mandatory Form) Form approved							
consulted for specific requirement. IDENTITY (As Used on Label and Lie	~ * \	OMB No.1218-0072							
IDENTITY (As used on Label and Li	St)	Note: Blank spaces are not permitted. If any items is information is available, the space must be marked							
cat.no.MP-62 Steel powder (N50)		·							
Section I Manufacturer's Name		Emergency Telephone Number							
JAPAN TECHNO ENGINEERING CO.,	LTD.	03-3804-6760							
Address (Number, Street, City, State	and ZIP code)	Telephone number for information							
201, 4–10, 6–CHOME, HIGASHI–KA		03-3804-6760							
EDOGAWA-KU, TOKYO 134, JAPA	AN	Date Prepared, November 10, 2004							
		Signature of Preparer (Optional)							
		Signature of Freparet (Optional)							
Section II — Hazardous Ingred	dients/Identity i	information							
Section if Hazardous ingre-	dients/identity i	Other Limit	ts						
Hazardous Components (Specific Chemical Ident	tity, Common Names ((s)) OSHA PEL ACGIH TLV Recommended	d % (optional						
Ni									
Section III – Physical/Chemical C	Characteristics	·							
Boiling Point	Nil	Specific Gravity (H2O=1)	7.8						
Vapor Pressure (mm Hg.)	Nil N	Meltint Point	1.530 °C						
Vapor Density (AIR=1)	Nil (I	Evaporaton Rate Butyl Acetate = 1)	Nil						
Soluble in Water unsoluble									
Appearance and Odor bright steel color	and no odor								
Section IV - Fire and Explosion I	Hazard Data								
Flash Point (Method Used)		Flammable Limits LEL	UEL						
Extingushing Media		nil							
nil nil									
Special Fire Fighting Procedures									
Unusual Fire and Explosion Hazards	nil								
(Reproduce locally) 2005 5—8—86	TU E DIIDEAII OE A	OSH	A 174, Sept. 1985						

 Ventilation
 Local Exhaust
 Nil
 Special
 Nil

 Mechanical (General)
 Nil
 Other
 Nil

Other Protrective Clothing or Equipment

Nil

Nil

Work/Hygienic Practices

Protective Gloves

.

Nil

Eye protection a pair of glasses

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31.3204					KEPEKENCE FILE
Section V - Re	eactivity Data				
Stability	Unstable Stable	Condition	s to Avoid	nil	
Incompatibility (Materials to Avoid	i) nil			
Hazardous Decom	position or Bypro	ducts nil			
Hazardous Polymerization	May Occur Will Not Occur	Conditions x	to Avoid 1	nil	
Section VI - 1 Route (s) of E	ntry.	Data Inhalation? Nil		Skin ? Nil	Ingestion ? Nil
Health Hazards (INII	TAII
Carcinogenicity Nil	N'	Nil TP? Nil		IARC Monographs? Nil	OSHA regulated ? Nil
Signs and Sympto	ms of Exposure	Nil			
Medical Condition Generally aggrava		Nil			
Emergency and F	irst Aid Procedure	es			- Martin
		Nil			
		Safe Handling ar is Released or Spille Nil			
Waste Disposal M	ethod	diposable as comn	non refuse.	·	
Precautions to Be	Taken in Handlin	g and Storing Nil			
Other Precautions	n era e a a a a a a a a a a a a a a a a a				
Section VIII – Respiratory Protect					
Ventilation	Local Exhaus Mechanical		I	Special Nil Other Nil	
Protective Gloves	Nil		Eye pr	otection a pair of glasses	
Other Protrective	Clothing or Equip	ment Nil			
Work/Hygienic Pra	actices	Nil			
		USPO '986-491-529/45775			

MATERIAL	CADDOTT	D 4 CD 4	011111
VIAIHRIAI	CAHH IV	114114	CHELL
ATT 1 T T/1/1/1/1	21111	תות	

31 - 9203Material Safety Data Sheet U.S. Department of Labor Maybe used to comply with Occupational Safety and Health Administation OSHA's Hazard Communication Standard. (Non-Mandatory Form) 29 CFR 1910.1200. Standard must be Form approved consulted for specific requirement. OMB No.1218-0072 IDENTITY (As Used on Label and List) Note: Blank spaces are not permitted. If any items is not applicable or no information is available, the space must be marked to indicate that cat.no.MP-63 Steel powder (N13) Section I Manufacturer's Name Emergency Telephone Number JAPAN TECHNO ENGINEERING CO., LTD. 03 - 3804 - 6760Address (Number, Street, City, State and ZIP code) Telephone number for information 201, 4-10, 6-CHOME, HIGASHI-KASAI 03 - 3804 - 6760EDOGAWA-KU, TOKYO 134, JAPAN November 10, 2004 Date Prepared, Signature of Preparer (Optional)

Section II -Hazardous Ingredients/Identity information

Other Limits

Hazardous Components (Specific Chemical Identity, Common Names (s)) OSHA PEL

ACGIH TLV

Recommended

% (optional)

It is non-toxic, non-hazardous, non-flamable stainless steel powder of Nickel-Chromium-ferrous alloy.

It is supplied in 50 grams plastic container. Chemical compositions by weight %

Ni 87.85

Cr 5.00

Si 3.60

C 0.15

B 1.40

Fe 2.00

Boiling Point	Nil	Specific Gravity (H2O=1)	7.8	
Vapor Pressure (mm Hg.)	Nil	Meltint Point	1.530 °C	
Vapor Density (AIR=1)	Nil	Evaporaton Rate (Butyl Acetate = 1)	Nil	
Soluble in Water unsoluble	•			

Section IV - Fire and Explosion Hazard Data Flash Point (Method Used) nil

Flammable Limits nil

LEL

UEL

Extingushing Media

nil

Special Fire Fighting Procedures

Unusual Fire and Explosion Hazards nil

Section V – I	Reactivity Data					
Stability	Unstable	Conditions to	Avoid ni	1		
	Stable x					
Incompatibility	(Materials to Avoid)	nil				
Hazardous Deco	mposition or Byproducts	nil				
Hazardous	May Occur	Conditions to A	void nil			
Polymerization	Will Not Occur x		TOTAL THE			
Section VI	Health Hazard Data					
		lation?		Skin ?	,	In coation 2
	Vil	Nil		Nil		Ingestion ? Nil
Health Hazards	(Acute and Chronic)			1111		1411
<u> </u>	· · · · · · · · · · · · · · · · · · ·	Nil Nil			·	
Carcinogenicity Nil	NTP?	Nil		IARC Monogra	phs?	OSHA regulated ?
		1411		Nil		Nil
Signs and Sympt	oms of Exposure	lil .				
Medical Condition	ns					,
		Nil		•		,
Emergency and I	First Aid Procedures					
	Ni	1				
Section VII –	Precautions for Safe	Handling and U	se			
Cham to Do Talan						
step to be Taken	n in Case Material is Rel Ni	-				
		L				
Waste Disposal M	fethod dipo	sable as common re	efuse.			
Decinentians to De	. T. 11' 1	0				
rrecautions to be	e Taken in Handling and Nil	Storing				
	. 111					
Other Precautions	3					
Section VIII	Control Managemen					
	Control Measures ction (Specify Type)			·		
scophutory 110tc	ction (opecity Type)	Nil				
entilation	Local Exhaust	Nil		Special	Nil	
	Mechanical (Gene	eral) Nil		Other	Nil	
rotective Gloves	Nil		Eye protection	on a pair of gla	asses	
Other Protrective	Clothing or Equipment					
		Nil				
Vork/Hygienic Pra	actices Nil					
		P	age 2			USPO '986-491-529/45775

MATERIAL	CATETYTY	DATA	OTTERM
MINIERIAL	SALEII	DAIA	SHEET

31 - 9203Material Safety Data Sheet U.S. Department of Labor Maybe used to comply with Occupational Safety and Health Administation OSHA's Hazard Communication Standard. (Non-Mandatory Form) 29 CFR 1910.1200. Standard must be Form approved consulted for specific requirement. OMB No.1218-0072 IDENTITY (As Used on Label and List) Note: Blank spaces are not permitted. If any items is not applicable or no information is available, the space must be marked to indicate that cat.no.MP-61 Steel powder (N90) Section I Manufacturer's Name Emergency Telephone Number JAPAN TECHNO ENGINEERING CO., LTD. 03 - 3804 - 6760Address (Number, Street, City, State and ZIP code) Telephone number for information 201, 4-10, 6-CHOME, HIGASHI-KASAI 03 - 3804 - 6760EDOGAWA-KU, TOKYO 134, JAPAN Date Prepared, November 10, 2004 Signature of Preparer (Optional) Section II - Hazardous Ingredients/Identity information Other Limits Hazardous Components (Specific Chemical Identity, Common Names (s)) OSHA PEL ACGIH TLV Recommended % (optional) It is non-toxic, non-hazardous, non-flamable stainless steel powder of Nickel-Chromium-ferrous alloy. It is supplied in 50 grams plastic container. Chemical compositions by weight % Ni 74.10

Cr15.00 Si 5.00 C 0.30 B 0.60 Fe 5.00

Section III - Physical/Chemic	cal Character	istics					
Boiling Point	Nil	Specific G	Specific Gravity (H2O=1)				
Vapor Pressure (mm Hg.)	Nil	Meltint Po	Meltint Point 1.530 °				
Vapor Density (AIR=1)	Nil	Evaporaton Rate (Butyl Acetate = 1)					
Soluble in Water unsoluble							
Appearance and Odor bright steel							
Section IV - Fire and Explosi	on Hazard Da	ata					
Flash Point (Method Used)			Flammable Limits	LEL	UEL		
nil			nil		022		
Extingushing Media			,				
<u> </u>							
Special Fire Fighting Procedures							
n							
Unusual Fire and Explosion Hazards	nil						
/ Daniel 111\ 200E	· · · · · · · · · · · · · · · · · · ·						

Section V – F	Reactivity Data							
Stability	Unstable		Conditions to A	Avoid	nil	· · · · · · · · · · · · · · · · · · ·		The same of the sa
	Stable	X						
Incompatibility	(Materials to Avo	oid)	nil					
Hazardous Decor	mposition or Bypr	oducts	nil					
Hazardous Polymerization	May Occur Will Not Occur	- x	Conditions to Av	void nil				
	Health Hazard							
	Entry.	Inhalat	ion?		Skin ?	<u></u>	Ingestic	on 2
	Ji1		Nil		Nil		nigesti Nil	JII :
Health Hazards	(Acute and Chron	nic)						
<u> </u>		VMD2	Nil			<u> </u>		
Carcinogenicity Nil	ſ	NTP?	Nil		IARC Monog Nil	raphs?	OSHA reg	gulated ? Vil
Signs and Sympto	oms of Exposure	Nil						
Medical Condition								
	ated by Exposure	Nil						
Emergency and F	irst Aid Procedur	es		-				· · · · · · · · · · · · · · · · · · ·
		Nil						
Section VII –	Precautions for	Safe E	landling and He					<u>.</u>
	in Case Material			<u> </u>	· · · · · · · · · · · · · · · · · · ·			
		Nil	•					
Waste Disposal M	lethod	diposa	ble as common re	efuse.				
Precautions to Be	Taken in Handlir	ng and Sto Nil	oring					
Other Precautions	3							
Section VIII	Control Meas							
	ction (Specify Ty							
	out (promy 1)	N	il					
/entilation	Local Exhau	st	Nil		Special	Nil		
	Mechanical	(Genera			Other	Nil	· · · · · · · · · · · · · · · · · · ·	
Protective Gloves	Nil	-		Eye protec	tion a pair of g	glasses		
Other Protrective	Clothing or Equip	ment	NI'I					
Vork/Hygienic Pra	actices	Nil	Nil					
			n	age 2			LICEO Jose	01
				agc 4	· ·		USPO '986-49	91-529/45775

OSHA 174, Sept. 1985

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Material Safety Data Sheet Maybe used to comply with OSHA's Hazard Communication Standa 29 CFR 1910.1200. Standard must be consulted for specific requirement. IDENTITY (As Used on Label and L no cat.no.MPS-17 Steel powder (N14 Section I Manufacturer's Name	ist)	U.S. Department of Labor Occupational Safety and Health Administation (Non-Mandatory Form) Form approved OMB No.1218-0072 Note: Blank spaces are not permitted. If any items is not appli information is available, the space must be marked to indicate t Emergency Telephone Number			
JAPAN TECHNO ENGINEERING CO	., LTD.	03-3804-6760			
Address (Number, Street, City, State	and ZIP code)	Telephone number for inform	ation		
201, 4–10, 6–CHOME, HIGASHI–KA EDOGAWA–KU, TOKYO 134, JAF		03-3804-6760			
		Date Prepared, November	er 10, 2004		
		Signature of Preparer (Optional)		
Section II – Hazardous Ingre	dients/Identity	information		-	
Hazardous Components (Specific Chemical Ide. (optional)			Other Limits TLV Reco	mmended	
Chemical compositions by weight % C 0.18 Si 0.35 Cr 1.20 Mn 1.50 P 0.03 S 0.03 Mo 0.30 Fe 96.71 Section III — Physical/Chemical (
Boiling Point	Nil	Specific Gravity (H2O=1)	,	7.8	
Vapor Pressure (mm Hg.)	Nil	Meltint Point		1.530 °C	
Vapor Density (AIR=1)	Nil (Evaporaton Rate Butyl Acetate = 1)		Nil	
Soluble in Water unsoluble					
Appearance and Odor bright steel color	and no odor				
Section IV - Fire and Explosion I	Hazard Data				
Flash Point (Method Used) nil		Flammable Limits	LEL	UEL	
Extingushing Media nil					
Special Fire Fighting Procedures nil		-			
Unusual Fire and Explosion Hazards	nil				

31:9204		- ·			RE	FERENCE FILE
Section V - R	eactivity Data					
Stability	Unstable Stable	Conditions	s to Avoid	nil		
Incompatibility (Materials to Avoi					
	nposition or Bypro					
Hazardous Polymerization	May Occur Will Not Occur	Conditions	to Avoid 1	nil		
Section VI – 1	Health Hazard	Data				
Route(s) of E	ntry. il	Inhalation? Nil		Skin ? Nil		Ingestion ? Nil
	Acute and Chron	ic) Nil				
Carcinogenicity Nil	N	TP? Nil		IARC Monog Nil	graphs?	OSHA regulated ? Nil
igns and Sympton	ms of Exposure	Nil				
ection VII – F	Precautions for	Nil Safe Handling and	d Use			
ep to Be Taken i	in Case Material i	s Released or Spilled Nil			٠	
aste Disposal Me	ethod	diposable as commo	on refuse.			
recautions to Be	raken in Handling	g and Storing Nil				
ther Precautions						
ection VIII -	Control Measu	res				
espiratory Protect	ion (Specify Typ	oe) Nil				
ntilation	Local Exhaust Mechanical (Special	Nil	
otective Gloves	Nil	General / IVII	Eye prot	Other ection a pair of g	Nil	
her Protrective C		nent	2,0 prot	a pair of §	5143303	
rk/Hygienic Prac		Nil				

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MATERIAL SAFETY DATA SHE	ET	31-9203
Material Safety Data Sheet Maybe used to comply with OSHA's Hazard Communication Standar 29 CFR 1910.1200. Standard must be consulted for specific requirement.		U.S. Department of Labor Occupational Safety and Health Administation (Non-Mandatory Form) Form approved OMB No.1218-0072
IDENTITY (As Used on Label and Lis	t)	Note: Blank spaces are not permitted. If any items is not applicable or
cat.no.MA-59 Steel strip (S5)		information is available, the space must be marked to indicate that
Section I		
Manufacturer's Name JAPAN TECHNO ENGINEERING CO.,	LTD.	Emergency Telephone Number 03-3804-6760
Address (Number, Street, City, State :	and ZIP code)) Telephone number for information
201, 4–10, 6–CHOME, HIGASHI–KAS EDOGAWA–KU, TOKYO 134, JAPA		03-3804-6760
		Date Prepared, November 10, 2004
		Signature of Preparer (Optional)
Section II - Hazardous Ingred	lients/Identit	
Hazardous Components (Specific Chemical Iden (optional)	•	
		eel strip of nickel—Chrome—ferrous alloy. in 5 meter long rolled in a plastic bag.
Ni 6.0 Cr 16.00 Si 1.0 C 0.15 Mn 2.0 P 0.45 S 0.030		
Fe 74.765		
Section III – Physical/Chemical C	haracteristic	CS
Boiling Point	Nil	Specific Gravity (H2O=1) 7.8
Vapor Pressure (mm Hg.)	Nil	Meltint Point 1.530 °C
Vapor Density (AIR=1)	Nil	Evaporaton Rate Nil (Butyl Acetate = 1)
Soluble in Water unsoluble	<u> </u>	
Appearance and Odor bright steel color	and no odor	
Section IV - Fire and Explosion F	lazard Data	
Flash Point (Method Used)		Flammable Limits LEL UEL
Extingushing Media	· ·	

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Special Fire Fighting Procedures

Unusual Fire and Explosion Hazards

nil

2005

nil

OSHA 174, Sept.

Section V – R	eactivity Data				
Stability	Unstable	Conditions to	Avoid	nil	Harata , pg. Harata
	Stable	х			
Incompatibility (Materials to Avo	oid) nil			
Hazardous Decor	nposition or Byp	roducts nil			
Hazardous	May Occur	Conditions to	Avoid nil		
Polymerization	Will Not Occur	r x	*** ** ***		
Section VI -	Health Hazard	l Data			
	Entry.	Inhalation?		Skin?	Ingestion ?
N		Nil		Nil	Nil
Health Hazards	(Acute and Chro	nic) Nil			
Carcinogenicity		NTP?		IARC Monographs?	OSHA regulated ?
Nil	•	Nil		Nil	Nil
Signs and Sympto	oms of Exposure	Nil			
Medical Condition	ns				
Generally aggrava		Nil			
Emergency and I	First Aid Procedu	rac			
Emergency and I	nst Ald Troccud	103			
		Nil			
Section VII -	Precautions for	r Safe Handling and	Use		
_			•		
Step to Be Taken	in Case Materia	l is Released or Spilled Nil			
		1411			
Waste Disposal M	lethod	diposable as common	refuse.		
Precautions to Be	Taken in Handl	ing and Storing			
		Nil			
Other Precautions	S				
Section VIII -	Control Mea	sures			
Respiratory Prote	ection (Specify 7	`ype) Nïl		4	
Ventilation	Local Exha	ust Nil		Special Nil	
	Mechanical	(General) Nil		Other Nil	
Protective Gloves	Nil		Eye prote	ection a pair of glasses	
Other Protrective	Clothing or Equ	pment Nil			
Work/Hygienic Pr	ractices	Nil			
			Page 2		USPO '986-491-529/45775

Unusual Fire and Explosion Hazards

2005

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nil

Nil						leactivity Data	Section V – R
Hazardous Decomposition or Byproducts nil Hazardous May Occur Vill Not Occur x Section VI — Health Hazard Data Route (s) of Entry. Inhalation? Skin? Ing Nil			nil	nditions to Avoid			Stability
Hazardous May Occur Vill Conditions to Avoid nil Polymerization VI — Health Hazard Data Route (s) of Entry. Inhalation? Skin? Ing Nil Nil Nil Nil Health Hazards (Acute and Chronic) Carcinogenicity NTP? IARC Monographs? OSHA Nil Nil Nil Signs and Symptoms of Exposure Nil Medical Conditions Generally aggravated by Exposure Nil Emergency and First Aid Procedures Nil Section VII — Precautions for Safe Handling and Use Step to Be Taken in Case Material is Released or Spilled Nil Waste Disposal Method diposable as common refuse. Precautions to Be Taken in Handling and Storing Nil Other Precautions Section VIII — Control Measures Respiratory Protection (Specify Type) Nil Ventilation Local Exhaust Nil Special Nil Mechanical (General) Nil Eye protection a pair of glasses				nil	id) n	Materials to Avoi	Incompatibility (
Polymerization Will Not Occur x Section VI — Health Hazard Data Route (s) of Entry. Inhalation? Skin ? Ing Nil				nil	oducts	nposition or Bypro	Hazardous Decon
Route (s) of Entry. Inhalation? Skin? Ing Nil			nil	ditions to Avoid			
Health Hazards (Acute and Chronic) Carcinogenicity NTP? IARC Monographs? OSHA Nil Nil	gestion ?				Inhalation?	intry.	Route(s) of E
Carcinogenicity NTP? IARC Monographs? OSHA Nil Nil Nil Nil Nil Nil Signs and Symptoms of Exposure Nil Medical Conditions Generally aggravated by Exposure Nil Emergency and First Aid Procedures Nil Section VII — Precautions for Safe Handling and Use Step to Be Taken in Case Material is Released or Spilled Nil Waste Disposal Method diposable as common refuse. Precautions to Be Taken in Handling and Storing Nil Other Precautions Section VIII — Control Measures Respiratory Protection (Specify Type) Nil Ventilation Local Exhaust Nil Special Nil Mechanical (General) Nil Other Nil Protective Gloves Nil Eye protection a pair of glasses	Nil	il N	Nil		ic)		
Medical Conditions Generally aggravated by Exposure Nil Emergency and First Aid Procedures Nil Section VII — Precautions for Safe Handling and Use Step to Be Taken in Case Material is Released or Spilled Nil Waste Disposal Method diposable as common refuse. Precautions to Be Taken in Handling and Storing Nil Other Precautions Section VIII — Control Measures Respiratory Protection (Specify Type) Nil Ventilation Local Exhaust Nil Special Nil Mechanical (General) Nil Other Nil Protective Gloves Nil Eye protection a pair of glasses	A regulated ? Nil				TP?	N	
Generally aggravated by Exposure Nil Emergency and First Aid Procedures Nil Section VII — Precautions for Safe Handling and Use Step to Be Taken in Case Material is Released or Spilled Nil Waste Disposal Method diposable as common refuse. Precautions to Be Taken in Handling and Storing Nil Other Precautions Section VIII — Control Measures Respiratory Protection (Specify Type) Nil Ventilation Local Exhaust Nil Special Nil Mechanical (General) Nil Other Nil Protective Gloves Nil Eye protection a pair of glasses					Nil	oms of Exposure	Signs and Sympto
Section VII — Precautions for Safe Handling and Use Step to Be Taken in Case Material is Released or Spilled Nil Waste Disposal Method diposable as common refuse. Precautions to Be Taken in Handling and Storing Nil Other Precautions Section VIII — Control Measures Respiratory Protection (Specify Type) Nil Ventilation Local Exhaust Nil Special Nil Mechanical (General) Nil Other Nil Protective Gloves Nil Eye protection a pair of glasses					Nil		
Section VII — Precautions for Safe Handling and Use Step to Be Taken in Case Material is Released or Spilled Nil Waste Disposal Method diposable as common refuse. Precautions to Be Taken in Handling and Storing Nil Other Precautions Section VIII — Control Measures Respiratory Protection (Specify Type) Nil Ventilation Local Exhaust Nil Special Nil Mechanical (General) Nil Other Nil Protective Gloves Nil Eye protection a pair of glasses				-	es	irst Aid Procedure	Emergency and F
Step to Be Taken in Case Material is Released or Spilled Nil Waste Disposal Method diposable as common refuse. Precautions to Be Taken in Handling and Storing Nil Other Precautions Section VIII — Control Measures Respiratory Protection (Specify Type) Nil Ventilation Local Exhaust Nil Special Nil Mechanical (General) Nil Other Nil Protective Gloves Nil Eye protection a pair of glasses					Nil		
Waste Disposal Method diposable as common refuse. Precautions to Be Taken in Handling and Storing Nil Other Precautions Section VIII — Control Measures Respiratory Protection (Specify Type) Nil Ventilation Local Exhaust Nil Special Nil Mechanical (General) Nil Other Nil Protective Gloves Nil Eye protection a pair of glasses				ing and Use	Safe Handli	Precautions for	Section VII -
Precautions to Be Taken in Handling and Storing Nil Other Precautions Section VIII — Control Measures Respiratory Protection (Specify Type) Nil Ventilation Local Exhaust Nil Mechanical (General) Nil Special Nil Other Nil Protective Gloves Nil Eye protection a pair of glasses				· Spilled		in Case Material	Step to Be Taken
Other Precautions Section VIII — Control Measures Respiratory Protection (Specify Type) Nil Ventilation Local Exhaust Mechanical (General) Nil Protective Gloves Nil Eye protection a pair of glasses				s common refuse.	diposable as	ethod	Waste Disposal Mo
Section VIII - Control Measures					-	Taken in Handlin	Precautions to Be
Respiratory Protection (Specify Type) Nil Ventilation Local Exhaust Nil Mechanical (General) Nil Protective Gloves Nil Eye protection a pair of glasses							Other Precautions
Nil Special Nil Special Nil Other Nil					ıres	Control Measu	Section VIII -
Mechanical (General) Nil Other Nil Protective Gloves Nil Eye protection a pair of glasses					=	ction (Specify Ty	Respiratory Protec
Lyo protocolor u pair of glacoco				Nil			Ventilation
		ir of glasses	protection a pair of g	Eye		Nil	Protective Gloves
Other Protrective Clothing or Equipment Nil						Clothing or Equip	Other Protrective (
Work/Hygienic Practices Nil						ctices	Work/Hygienic Pra
Page 2 USPO '986	86-491-529/45775	USPO '986		Page 2	•		

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			01 3203		
Material Safety Data Sheet		U.S. Department of Labor			
Maybe used to comply with					
OSHA's Hazard Communication Standard.		(Non-Mandatory Form)	Occupational Safety and Health Administration		
29 CFR 1910.1200. Standard must be					
consulted for specific requirement.		Form approved			
IDENTITY (As Head on Label and	T:-4 \	OMB No.1218-0072			
IDENTITY (As Used on Label and List)		Note: Blank spaces are not permitted. If any items is not applicable or			
110		information is available, the space must be marked to indicate that			
cat.no.MPS-19 Steel powder (N16	5)				
Section I					
Manufacturer's Name		Emergency Telephone Number			
JAPAN TECHNO ENGINEERING CO., LTD.		03-3804-6760			
Address (Number, Street, City, State and ZIP code)		Telephone number for information			
201, 4–10, 6–CHOME, HIGASHI–KASAI EDOGAWA–KU, TOKYO 134, JAPAN		03-3804-6760	03-3804-6760		
		Date Prepared, November	er 10, 2004		
		,			
		Signature of Preparer (Optional	Signature of Preparer (Optional)		
		, special	•		
		•			
Section II - Hazardous Ingr	edients/Identi	z information			
		***************************************	Other Limits		
Hazardous Components (Specific Chemical Id	lentity Common N	ues(s)) OSHA PEL ACGIH			
(optional)	county, Common 14	es (s/) OSHA FEL ACGIA	ILV Rec	commended %	
Mn 0.90 P 0.03 S 0.03 Cu 0.30 Ni 0.70 Mo 0.30 Fe 96.51					
C. d. III. Di i doi i d					
Section III - Physical/Chemical	Characteristic				
Boiling Point	Nil	Specific Cravity (U20_1)		5 .0	
	1411	Specific Gravity (H2O=1)		7.8	
Vapor Pressure (mm Hg.)	Nil	Moltint Point		4 E00 0-	
I recours (mm 11g. /	MII	Meltint Point	ļ	1.530 ℃	
Vapor Density (AIR=1)	NT:1	Para I D I			
vapor Density (AIK=1)	Nil	Evaporaton Rate		Nil	
		(Butyl Acetate = 1)			
Calubia in Water					
Soluble in Water unsoluble					
Approximate and Odern height at all all					
Appearance and Odor bright steel colo	or and no odor				
Section IV Fire - 1 D 1	II 1 D :				
Section IV - Fire and Explosion	nazard Data				
Flash Point (Method Used)		Flammable Limits	LEL	UEL	
nil		nil	ľ		
Extingushing Media					
nil					
Special Fire Fighting Procedures					

Ventilation

Local Exhaust Nil Special Nil

Mechanical (General) Nil Other Nil

Protective Gloves Nil Eye protection a pair of glasses

Other Protrective Clothing or Equipment

Work/Hygienic Practices Nil

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Occupational Safety & Health Reporter

MATERIAL	SAFETY	DATA	THERT
TATE TO TAKE THE		חות	SHEET

MATERIAL SAFETY DAT	A SHEET			31-920	3_
Material Safety Data Sheet Maybe used to comply with OSHA's Hazard Communication S 29 CFR 1910.1200. Standard mus consulted for specific requireme IDENTITY (As Used on Label a	t be nt.		U.S. Department of Labor Occupational Safety and Health (Non-Mandatory Form) Form approved OMB No.1218-0072 Note: Blank spaces are not peri		o not applicable
cat.no.MP-71 Steel powder (information is available, th	ne space must be m	s not applicable or no arked to indicate that
Section I Manufacturer's Name					
JAPAN TECHNO ENGINEERING	G CO., LTD.		Emergency Telephone Number 03-3804-6760	r	
Address (Number, Street, City,	State and ZIP	code)	Telephone number for informa	ation	
201, 4–10, 6– CHOME, HIGASH EDOGAWA–KU, TOKYO 134,	I– KASAI IAPAN				
,,	J 1		Date Prepared, Nove	mber 10, 2004	
			Signature of Preparer (Optio	nal)	
0 17					
Section II - Hazardous I	ngredients/lde	entity infor	mation		
Hazardous Components (Specific Chemical It is non-toxic, non-hazardous	Identity, Common N	James (s))	OSHA PEL ACGIH TLV	Other Limi Recommended	ts % (optional)
It is supplied in 50 grams plast Chemical compositions by weig	ic container. ght %				
Si 0.14 C 0.10 Fe 94.290					
Mn 0.01 Cu 1.04 Mo 0.35 Al 0.55					
O 0.50					
Section III - Physical/Chemic	cal Characteri	stiçs			
Boiling Point	Nil	Specif	fic Gravity (H2O=1)		7.8
Vapor Pressure (mm Hg.)	Nil	Meltin	t Point		1.530 ℃
Vapor Density (AIR=1)	Nil		oraton Rate Acetate = 1)		Nil
Soluble in Water unsoluble					
Appearance and Odor bright steel	color and no odo	or			
Section IV - Fire and Explosi	on Hagard D				
Flash Point (Method Used)	on nazard Da	га	Flammable Limits	LEL	UEL
Extingushing Media			nil nil		

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Special Fire Fighting Procedures

2005

Unusual Fire and Explosion Hazards

OSHA 174, Sept. 1985

nil

Stability	Unstable		Conditions to Avo	id nil			**************************************	
	Stable	х						
Incompatibility (Materials to Avo	id)	nil					··
Hazardous Decon	nposition or Bypr	oducts	nil					
Hazardous	May Occur		Conditions to Avoid	nil				
Polymerization	Will Not Occur	х	Conditions to HVOID					
Section VI -	Health Hazard	Data					<u> </u>	
Route (s) of E	ntry.	Inhalati	on?		Skin ?		Ingest	tion ?
N			Nil		Nil		Nil	
Health Hazards (Acute and Chron	ic)	Nil					
Carcinogenicity	N	TP?	1411		IARC Monogra	nhe?	OCIIA	1-4-13
Nil			Nil	•	Nil	apiis;		gulated ? Nil
Signs and Sympto	ms of Exposure	Nil			······	···		
Medical Condition								
Generally aggrava		Nil				•		
Emergency and Fi	rst Aid Procedure	es						··
		Nil						
Section VII – I	Precautions for	Safe Ha	ındling and Use					
Step to Be Taken	in Case Material	is Release Nil	d or Spilled					
		1411						
Vaste Disposal Me	ethod	diposab	le as common refuse	·.				
recautions to Be	Taken in Handlin	and Sto	ina .					
	rancii in Tiananii	Nil	mg					
When Done of								
ther Precautions								
ection VIII -	Control Measu	res						
espiratory Protect			·					
		Nil						
entilation	Local Exhaus		 Nil		Cnasi-1	NI'I		
	Mechanical (Special Other	Nil Nil		·
	<u> </u>							
otective Gloves	Nil		E	ye protection	a pair of gla	asses		
ther Protrective C	lothing or Equipn	nent						
oul-//Iii- D	tices	NT:1	Nil	· · · · · · · · · · · · · · · · · · ·				
DEK/HUMANIA DESA	uces .	Nil						
ork/Hygienic Prac								
ork/Hygienic Prac			Page	2			USPO '986-4	91-529/4577

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Work/Hygienic Practices

Other Protrective Clothing or Equipment

Page 2

Nil

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Work/Hygienic Practices

Page 2

Nil

Nil

USPO '986-491-529/45775

Stability	Unstable	1	Condition	4- A			
•	Stable	x	Conditions	to Avoid	nil		
[noom==+1]; '11';							
	(Materials to Avo	id) ———	nil				
Hazardous Deco	mposition or Bypr	oducts	nil				
Hazardous	May Occur		Conditions to	o Avoid	nil		
Polymerization	Will Not Occur	х					
Section VI –	Health Hazard						
	Entry.	Inhalatio	on?		Skin ?		In monting 2
Nealth Hagarda	/ /		Nil		Nil		Ingestion ? Nil
Calui Hazarus	(Acute and Chron	ic)	NE1				11/11
arcinogenicity	N'	TP?	Nil		IADOA		
Nil	-,		Nil		IARC Mone Nil	ographs?	OSHA regulated ?
iome and C					INII		Nil
sus and Sympto	ms of Exposure	Nil					
edical Condition							
enerally aggrava	ted by Exposure	Nil					
nergency and E	rst Aid Procedure						
gency and F1	ust Alu Procedure	S					
		Nil					
ction VII – I	Precautions for		ndling and	Use			
	Precautions for	Safe Ha		Use			
	Precautions for in Case Material is	Safe Ha		Use			
p to Be Taken i	n Case Material is	Safe Ha		Use			
	n Case Material is	Safe Han Released Nil	l or Spilled				
ep to Be Taken i	n Case Material is	Safe Han Released Nil diposable	or Spilled				
ep to Be Taken i	in Case Material is thod	Safe Han Released Nil diposable and Stori	or Spilled				·
ep to Be Taken i	in Case Material is thod	Safe Han Released Nil diposable	or Spilled				·
ep to Be Taken i	in Case Material is thod	Safe Han Released Nil diposable and Stori	or Spilled				·
ep to Be Taken in stee Disposal Me cautions to Be Terror Precautions	thod Taken in Handling	Safe Han Released Nil diposable and Stori	or Spilled				
ep to Be Taken in stee Disposal Me cautions to Be Terror Precautions	in Case Material is thod	Safe Han Released Nil diposable and Stori	or Spilled				·
ste Disposal Me cautions to Be 1 er Precautions tion VIII — (thod Taken in Handling Control Measur	Safe Hands Released Nil diposable and Storia	or Spilled				·
ste Disposal Me cautions to Be 1 er Precautions tion VIII — (thod Taken in Handling	Safe Har Released Nil diposable and Stori Nil	or Spilled				
ep to Be Taken in the stee Disposal Me cautions to Be Taken in the cautions are cautions to Be Taken in the cautions are cautions are cautions.	thod Taken in Handling Control Measur	Safe Hands Released Nil diposable and Storia	or Spilled				
ste Disposal Me cautions to Be 1 er Precautions tion VIII — (thod Taken in Handling Control Measur on (Specify Type Local Exhaust	Safe Har Released Nil diposable and Stori Nil	d or Spilled		Special		·
ep to Be Taken in the stee Disposal Me cautions to Be Taken in the cautions are cautions to Be Taken in the cautions are cautions are cautions.	thod Taken in Handling Control Measur on (Specify Type	Safe Har Released Nil diposable and Stori Nil	d or Spilled		Special	Nil Nil	
ep to Be Taken in the stee Disposal Me cautions to Be Taken in the caution i	thod Control Measur on (Specify Type Local Exhaust Mechanical (Control (C	Safe Har Released Nil diposable and Stori Nil	or Spilled as common	refuse.	Other	Nil Nil	
ep to Be Taken in the stee Disposal Me cautions to Be Taken in the cautions are cautions to Be Taken in the cautions are cautions are cautions.	thod Taken in Handling Control Measur on (Specify Type Local Exhaust	Safe Har Released Nil diposable and Stori Nil	or Spilled as common		Other	Nil	
ste Disposal Me cautions to Be T er Precautions tion VIII — (piratory Protecti ilation	thod Control Measur on (Specify Type Local Exhaust Mechanical (Control Control Con	Safe Hands Released Nil diposable and Storia Nil diposable ses Nil Nil Nil Nil Seneral)	or Spilled as common	refuse.	Other	Nil	
ste Disposal Me cautions to Be T er Precautions tion VIII — (piratory Protecti ilation	thod Caken in Handling Control Measur on (Specify Type Local Exhaust Mechanical (Control Nile)	Safe Hands Released Nil diposable and Storia Nil diposable ses Nil Nil Nil Nil Seneral)	d or Spilled e as common ng	refuse.	Other	Nil	

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MATERIAL SAFETY DATA SHEET

<u>31:9204</u>			
Section V - Reactivity Data			REFERENCE FILE
	•		
Stability Unstable Stable	Conditions to A	Avoid nil	
Incompatibility (Materials to Avoid) nil		
Hazardous Decomposition or Byprodu	ıcts nil		
Hazardous May Occur Polymerization Will Not Occur	Conditions to Av	oid nil	
Section VI – Health Hazard D	ata		
Route (s) of Entry.	nhalation?	Skin ?	
Nil Health Hazards (Acute and Chronic	Nil	Nil	Ingestion ? Nil
) Nil		
Carcinogenicity NTF Nil	? Nil	IARC Monographs Nil	
igns and Symptoms of Exposure	Nil		Nil
	Nil		
ection VII - Precautions for Sa	fe Handling and Use		
ep to Be Taken in Case Material is R	eleased or Spilled Nil		
aste Disposal Method di	posable as common refu	se.	
ecautions to Be Taken in Handling an Nil			
ner Precautions			·
ction VIII – Control Measures			
spiratory Protection (Specify Type)	Nil		
tilation Local Exhaust	Nil	Special Ni	11
Mechanical (Ger	eral) Nil	Special Ni Other Nil	Ц
ective Gloves Nil		Eye protection a pair of glasses	
	ł ·	EVE DIDIECTION a pair of glacoop	

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Nil

Nil

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Work/Hygienic Practices

OSHA 174, Sept.

nil

nil

Unusual Fire and Explosion Hazards

(Reproduce locally)

Other Precautions

Section VIII - Control Measures

Respiratory Protection (Specify Type)

cutory recommon (opening rype)

Nil

 Ventilation
 Local Exhaust
 Nil
 Special
 Nil

 Mechanical (General)
 Nil
 Other
 Nil

 Protective Gloves
 Nil
 Eye protection
 a pair of glasses

Other Protrective Clothing or Equipment

Nil

Work/Hygienic Practices Nil

Page 2 USPO '986-491-529/45775

5-210 MATERIAL SAFETY DATA SHEET 31 - 9203Material Safety Data Sheet U.S. Department of Labor Maybe used to comply with Occupational Safety and Health Administation OSHA's Hazard Communication Standard. (Non-Mandatory Form) 29 CFR 1910.1200. Standard must be Form approved consulted for specific requirement. OMB No.1218-0072 IDENTITY (As Used on Label and List) Note: Blank spaces are not permitted. If any items is not applicable or no information is available, the space must be marked to indicate that cat.no.MD-101 Steel strip (HPM2) Section I Manufacturer's Name Emergency Telephone Number JAPAN TECHNO ENGINEERING CO., LTD. 03 - 3804 - 6760Address (Number, Street, City, State and ZIP code) Telephone number for information 201, 4-10, 6-CHOME, HIGASHI-KASAI 03 - 3804 - 6760EDOGAWA-KU, TOKYO 134, JAPAN Date Prepared, November 10, 2004 Signature of Preparer (Optional) Section II - Hazardous Ingredients/Identity information Other Limits Hazardous Components (Specific Chemical Identity, Common Names (s)) OSHA PEL ACGIH TLV Recommended % (optional) It is non-toxic, non-hazardous, non-flamable steel strip of ferrous alloy. It is supplied in the form of 0.2mm thick x 5mm width x 100mm length in a plastic bag (10pcs. a pack) . Chemical compositions by weight % Si 0.4 C 0.4 Fe 95.6 Mn 1.5 Cr 1.9 Mo 0.2 Section III - Physical/Chemical Characteristics

Boiling Point	Nil	Specific Gravity (H2O=1)		7.8
Vapor Pressure (mm Hg.)	Nil	Meltint Point	1	.530 °C
Vapor Density (AIR=1)	Nil	Evaporaton Rate (Butyl Acetate = 1)		Nil
Soluble in Water unsoluble				
Appearance and Odor bright steel	color and no od			
Promined and Odor Bright Steel	color and no ou	or		
Section IV – Fire and Explos		ata	TRI	ITEI
Section IV — Fire and Explos Flash Point (Method Used)	ion Hazard Da	ata Flammable Limits	LEL	UEL
Section IV — Fire and Explos Flash Point (Method Used)	ion Hazard Da	ata	LEL	UEL
Section IV — Fire and Explos Flash Point (Method Used) nil Extingushing Media nil	ion Hazard Da	ata Flammable Limits	LEL	UEL
Section IV — Fire and Explos Flash Point (Method Used) nil Extingushing Media nil	ion Hazard Da	ata Flammable Limits	LEL	UEL
Section IV — Fire and Explos Flash Point (Method Used) nil Extingushing Media nil Special Fire Fighting Procedures	ion Hazard Da	ata Flammable Limits	LEL	UEL
Section IV — Fire and Explos Flash Point (Method Used) nil Extingushing Media nil Special Fire Fighting Procedures	ion Hazard Da	ata Flammable Limits	LEL	UEL
Section IV — Fire and Explos Flash Point (Method Used) nil Extingushing Media nil Special Fire Fighting Procedures Unusual Fire and Explosion Hazards	ion Hazard Da	ata Flammable Limits	LEL	UEL
Section IV — Fire and Explos Flash Point (Method Used) nil Extingushing Media nil Special Fire Fighting Procedures	ion Hazard Da	ata Flammable Limits		UEL

Ventilation Local Exhaust Nil Special Nil Mechanical (General) Nil Other Nil Protective Gloves Nil Eye protection a pair of glasses Other Protrective Clothing or Equipment

Nil

Work/Hygienic Practices Nil

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Section V – F	Reactivity Data							
·	The state of the s	,						
Stability	Unstable		Conditions to	Avoid	nil			
·	Stable	x						
Incompatibility (Materials to Avoi	d)	nil					
Hazardous Decor	nposition or Bypro	oducts	nil					
Hazardous	May Occur		Conditions to A	Avoid nil				
Polymerization	Will Not Occur	х	Conditions to 7	Avoid iii				
Section VI –	Health Hazard		_					
	Entry.	Inhalati			Skin?		In	gestion ?
Health Hazards (Acute and Chron	ial	Nil		Nil			Nil
Troutin Trazarus (. Acute and Chron	ic)	Nil					
Carcinogenicity	N	TP?	- 1111		IARC Mono	orennha?		
Nil			Nil		Nil	igrapiis:	USH	A regulated ? Nil
0: 10								NII
Signs and Sympto	ms of Exposure	Nil						
Medical Condition	<u> </u>	 					· ·	
Generally aggrava		Nil						
Emergency and Fi	rst Aid Procedure	s						
•		Nil						
Section VII _ I	Progrations for	Cofo II	11. 1.7	-				
Section VII — I	Precautions for	Sale Ha	andling and L	Jse				
Step to Be Taken	in Case Material is	Pelence	nd or Chillod					
r	in oute material is	Nil	d of Spilled					
Waste Disposal Me	ethod	diposab	le as common re	efuse.				
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \								
Precautions to Be			ring					
		Nil						
ther Precautions								
ection VIII -	Control Measur	es				-		
		-						
espiratory Protect	ion (Specify Type	e)						
		Nil						•
entilation	Local Palamet							
Chichauon	Local Exhaust Mechanical (Nil Nil		Special	Nil		
	Wicchamean (General,	NII		Other	Nil .		
otective Gloves	Nil			Eye protect	ion a pair of	alacaca		
				Lyc protect	ion a pan or	giasses		
her Protrective Cl	lothing or Equipme							
ork/Hygienic Pract	ion		Nil					
wativalenic LISCI	ices N	fil						
			D,	age 2				
			Pa	age Z			USPO '986	i-491-529/45775

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MATERIAL SAFETY DATA SHEET

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Section V - R	Reactivity Data						<u> </u>	
Stability	Unstable Stable	х	Conditions to	Avoid	nil			
Incompatibility (Materials to Avo	<u> </u>	nil					
	nposition or Bypr							
		oducts	nil					
Hazardous Polymerization	May Occur Will Not Occur	х	Conditions to A	void nil		<u> </u>		
Section VI –								
Route(s) of E	Entry.	Inhalat	ion? Nil		Skin ?		Ingesti	on ?
Health Hazards (ic)	Nil		Nil		Nil	
Carcinogenicity	N	TP?	1411		IARC Monog	graphs?	OSHA re	zulated ?
Nil			Nil		Nil			Vil
Signs and Sympto	oms of Exposure	Nil						
Medical Condition			N.					
Generally aggrava	ted by Exposure	Nil						
Emergency and Fi	irst Aid Procedure	es						
		Nil						
3								
Section VII – I	Precautions for	Safe H	andling and U	se				
Step to Be Taken	in Case Material	is Releas Nil	ed or Spilled					
Waste Disposal Me	ethod	diposal	ole as common re	fuse.				· · · · · · · · · · · · · · · · · · ·
Precautions to Be	Taken in Handlin		ring					
		Nil	·			٠		
Other Precautions	· · · · · · · · · · · · · · · · · · ·						· · · · · · · · · · · · · · · · · · ·	
Section VIII -	Control Measu	ires						
Respiratory Protect	tion(Specify Ty _l	pe) Ni	1					
entilation	Local Exhaus		Nil		Special	Nil		
	Mechanical (Other	Nil		
rotective Gloves	Nil			Eye protect	ion a pair of	glasses		
ther Protrective C	Clothing or Equipm	nent	AT'1			•		
ork/Hygienic Prac	ctices	Nil	Nil					
			Pa	ge 2			USPO '986-49	1-529/4577

MATERIAL SAFETY DAT	A SHEET	·····	31-9203				
Material Safety Data Sheet Maybe used to comply with OSHA's Hazard Communication S 29 CFR 1910.1200. Standard mus consulted for specific requirement	t be nt.	O (Fo	J.S. Department of J ccupational Safety and Non-Mandatory Ford orm approved DMB No.1218-0072	l Health Admini	station		
IDENTITY (As Used on Label a	nd List)		Note: Blank spaces	are not permitte	d. If any items	is not applicable	
	Section I					sed to indicate t	
JAPAN TECHNO ENGINEERING	CO., LTD.		mergency Telephone 3-3804-6760	number			
	Address (Number, Street, City, State and ZIP code) 201, 4-10, 6-CHOME, HIGASHI-KASAI		Telephone number	r for information	l		
		D	ate Prepared,	November 10	, 2004		
·		Si	gnature of Preparer	(Optional)			
Section II - Hazardous II	ngredients/Iden	tity informat	cion			<u> </u>	
(optional) It is non-toxic, non-hazardous It is supplied in the form of 0.2 Chemical compositions by weig Ni 6.0 Cr 16.00 Si 1.0 C 0.15 Mn 2.0 P 0.45 S 0.030 Fe 74.765	mm diameter wire	teel strip of nie in 5 meter lo	ckel— Chrome—ferroung rolled in a plastic	is alloy. bag.			
Section III - Physical/Chemic	al Characterist	ics		-			
Boiling Point	Nil	Specific G	Gravity (H2O=1)			7.8	
Vapor Pressure (mm Hg.)	Nil	Mel	tint Point			1.530 °C	
Vapor Density (AIR=1)	Nil		Evaporaton Rate Nil Sutyl Acetate = 1)				
Soluble in Water unsoluble							
Appearance and Odor bright steel of	color and no odor						
Section IV - Fire and Explosion	n Hazard Data						
Flash Point (Method Used)			Flammable Lim	its	LEL	UEL.	

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Special Fire Fighting Procedures

Unusual Fire and Explosion Hazards

Extingushing Media

nil

nil

OSHA 174, Sept.

UEL

LEL

31:9204	D				REFERENCE FILE
section V —	Reactivity Data				
Stability	Unstable Stable	Conditions	to Avoid	nil	
Incompatibility	(Materials to Avoid) nil			
Hazardous Deco	mposition or Byproc	lucts nil			
Hazardous Polymerization	May Occur Will Not Occur	Conditions t	o Avoid	nil	
Section VI –	Health Hazard I)ata			
Route(s) of I		Inhalation? Nil		Skin ?	Ingestion ?
Health Hazards	(Acute and Chronic)		Nil	Nil
Carcinogenicity	NT	Nil P?		IADC Marris 1.2	
Nil	· · · · · · · · · · · · · · · · · · ·	Nil		IARC Monographs? Nil	OSHA regulated ? Nil
igns and Sympto	oms of Exposure	Nil			
ledical Condition					
enerally aggrava	ted by Exposure	Nil			
mergency and F	irst Aid Procedures				
B,	and the trocedures				
		Nil			
ection VII – I	Precautions for S	ofe Handling and	Use		
			USE		
ep to Be Taken :	in Case Material is I	Released or Spilled Nil			
aste Disposal Me	ethod d	iposable as common	refuse.		
ecautions to Be	raken in Handling a	nd Storing			
	Ni				
ner Precautions					
ction VIII	Control No.				
cuon vin —	Control Measures	S			
piratory Protecti	ion (Specify Type)				
		Nil			
tilation	Local Exhaust	Nil	<u> </u>	0 11	
	Mechanical (Ge			Special Nil Other Nil	
ective Gloves	Nil		Eye prote	ection a pair of glasses	
er Protrective Cl	othing or Equipment			- Farr of Stasses	
		Nil			
k/Hygienic Pract	ices Nil				
		т	Dago O		
005		<u>1</u>	Page 2		USPO '986-491-529/45'

Work/Hygienic Practices

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Nil

Nil

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Section V - R	eactivity Data						
Stability	Unstable		Conditions to	Avoid n	il		bib., the same of
·	Stable	х	Conditions to	71Vold I			
Incompatibility (Materials to Avo	id)	nil				
Hazardous Decon	nposition or Bypro	oducts	nil				
Hazardous Polymerization	May Occur Will Not Occur	х	Conditions to A	Avoid nil			
Section VI -]							
Route (s) of E	ntry.	Inhalat	ion? Nil		Skin ?		Ingestion ?
Health Hazards (ic)	INII		Nil		Nil
Carcinogenicity	N.	TP?	Nil		Magazi		
Nil	. 11	11:	Nil		IARC Mono Nil	graphs?	OSHA regulated ? Nil
Signs and Sympton	ms of Exposure	Nil					
Medical Condition Generally aggravat Emergency and Fi	ted by Exposure	Nil es Nil					
Section VII – I	Precautions for	Safe F	andling and I	Iso	· · · · · · · · · · · · · · · · · · ·		
_)SC		· · · · · · · · · · · · · · · · · · ·	
Step to Be Taken i	in Case Material i	s Releas Nil	ed or Spilled				
Waste Disposal Me	ethod	diposa	ble as common r	efuse.			
Precautions to Be	Taken in Handlin	g and Sto Nil	oring				
Other Precautions							
Section VIII -	Control Measu	res			<u>.</u>		
espiratory Protect			1				
entilation	Local Exhaus		Nil		Special	Nil	
·	Mechanical (Genera) Nil		Other	Nil	
rotective Gloves	Nil			Eye protecti	on a pair of	glasses	
ther Protrective C	lothing or Equipm	nent	N;1		-		
ork/Hygienic Prac	tices	Nil	Nil				
							
			P	age 2			USPO '986-491-529/45775