



## SAFETY DATA SHEET

Section 1: GENERAL INFORMATION		
TRADE NAME (Common Name or Synonym)	CHEMICAL NAME	PREPARED BY
WS-1055	Soldering Flux	Metallic Resources
USED IN INDUSTRIAL SOLDERING PROCESSES		
ADDRESS (No., Street, City, State, Zip Code): Metallic Resources, Inc., 2368 East Enterprise Parkv	way, Twinsburg, OH 44087	
CONTACT	PHONE NUMBER	
Metallic Resources, Inc.:	(330) 425-3155	
Chemtrec:	(800) 424-9300	
or contact any emergency room within 15 minutes of you	ur location.	
Section 2. HAZADDS IDENTIFICATION		
Section 2: HAZARDS IDENTIFICATION Signal Word: Danger		
Hazard statement(s)		
1225 Highly flammable liquid and vapor		
1317 May cause an allergic skin reaction		
1319 Causes serious eye irritation		
1334 May cause allergy or asthma symptoms or breath	ning difficulties if inhaled	•
1335 May cause respiratory irritation		
1336 May cause drowsiness or dizziness		
Precautionary statement(s)		<
P210 Keep away from heat/sparks/open flames/hot su	rfaces - No smoking	
2233 Keep container tightly closed	naces – No smoking	
2240 Ground/Bond container and receiving equipment		•
2261 Avoid breathing dust/fume/gas/mist/vapors/spra		
2270 Do not eat, drink or smoke when using this produ	-	
273 Avoid release to the environment		
2280 Wear protective gloves/protective clothing/eye p	rotection/face protection	
2362 Take off contaminated clothing and wash before i	•	
2301 + P314 IF SWALLOWED: Get Medical advice/atten		
2302 +P352 IF ON SKIN: Wash with plenty of soap and v	-	
2304 + 341 IF INHALED: If breathing is difficult, remove		a position comfortable
for breathing		
P305 + 351 IF IN EYES: Rinse continuously with water fo	or several minutes	
GHS Catagony		
GHS Category		
sopropyl alcohol: -lammable liquid- Category 2		
Skin irritation- Category 3		
$\frac{1}{2}$		

Eye irritation – Category 2A

## POTENTIAL HEALTH EFFECTS:

Eye Contact:Vapors may be irritating, liquid may irritate or damage eye tissue.Ingestion:May result in gastric disturbances such as nausea and vomiting.

Section 2: H	AZARDS IDENI						
Inhalation:	May cause	irritation, hea	dache or dizziness	. Rosin has be	en known to	cause occupa	tional
	asthma. Ro	osin may cause	sensitization by in	nhalation.			
Skin Contact:	-	•	ause irritation, der	rmatitis or ser	sitization.		
Chronic:	Not establ	shed.					
NOTE: Metall	ic Resources does no	ot recommend	, manufacture, ma	rket or endor	se any of it's	products for h	iuman
consumption.							
Section 3: C	OMPOSITION/I	NFORMATI	ON ON INGRE	DIENTS			
Materi	al or Substance		C.A.S. #			Wt. %	
2-Propanol Carboxylic Acid			67-63-7 68937-69-9			95-99%	
						1-2%	
Soction 4. F	IRST AID MEAS	UDES					
Eye Contact:	Hold eyelids apart		with plenty of wa	tor for at least	t 15 minutos	Sook modical	attention if
Eye Contact.	irritation persists.	and nush eyes	with plenty of wa		t 15 minutes.	. Seek medical	attention ii
Ingestion:	If patient is conscio	us ONLV indu	ce vomiting as dir	acted by train	ed nersonne		anything by
ingestion.	mouth to an uncor		-	-	-	I. INEVEN give a	anything by
nhalation:	Remove to fresh ai	•			•	ained nersonr	nel
	Seek immediate m			respiration of	oxygen by ti	unica personi	
Skin Contact:	Remove contamina			a with soap ar	nd water. Wa	sh clothing be	fore reuse.
	irritation persists,			a man soap a			
Flash Point: Auto-ignition T Flammable Lin Extinguishing I	RE FIGHTING N 54F (12C) Temperature: Not es hits: Not established Media: Use extinguis	<b>TEASURES</b> Method tablished	: TCC Flammable ate for the surrour		ditions.		
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SDS-WS-1055	Soldering Flux
	ONTROLS/PERSONAL PROTECTION (Continued)
Respirator:	A NIOSH approved or compliant marked air-purifying respirator with a fume/organic
	chemical cartridge is recommended where airborne concentrations are expected to be
Skin:	elevated. Compatible chamical registrant gloves. Do not uso later gloves
Other:	Compatible chemical resistant gloves. Do not use latex gloves. Lab coat, sleeve protectors, eyewash fountain in work area. Avoid the use of contact
other.	lenses in high fume areas.
Work/Hygienic Practices:	Maintain good housekeeping. Clean up spills immediately.
	Good personal hygiene is essential. Avoid eating, smoking or drinking in the work area.
	Wash hands thoroughly with soap and water immediately upon leaving the work area.
Section 9: PHYSICAL AN	D CHEMICAL PROPERTIES
Appearance: Yellow liquid	Boiling Point: Not available
Odor: Alcoholic	Melting Point: Not applicable
Specific Gravity: 0.799	pH: Not applicable
Vapor Pressure: Not available	Solubility in Water: Insoluble
Vapor Density: Not established	
Section 10: STABILITY A	
General:	Stable.
Conditions to Avoid:	Direct heat, open flames and storage in aluminum.
Incompatible Materials:	phosphorus, halogens, anhydrides, monomers, aldehydes, trichlorides
Hazardous Decomposition /	Carbon dioxide/carbon monoxide.
Combustion:	Will not occur
Hazardous Polymerization: Section 11: TOXICALOG	
Carcinogenicity:	NTP: No OSHA: No IARC: No
LD50: Not established.	LC50: Not established.
Section 12: ECOLOGICA	
No Data Available	
Section 13: DISPOSAL CO	
Waste Disposal Method:	Dispose of in accordance with all Federal, State and Local environmental regulations. In
	Europe follow the Special Waste Regulations.
Section 14: TRANSPORT	INFORMATION
-	pplicable regulations and requirements.
UN1219, Isopropanol,3, PG II	
	FLAMMABLE
	3
Section 15: REGULATOR	Y INFORMATION
UNITED STATES	
CERCLA:	Not subject to any special reporting under the requirements of CERCLA.
TSCA Status:	All ingredients are listed or are exempt from listing (as polymers) under TSCA.
CANADA	
CANADA	Class P. Division J. Class D. Division J.P.
WHMIS (Canada):	Class B Division 2, Class D Division 2B
California Proposition 65:	When used for soldering and similar applications, the chemicals may be products which
	are known to some states to cause birth defects or other reproductive harm.
Reach Directive :	This product does not contain any Substances of Very High Concern (SVHC).

## Section 16: OTHER INFORMATION

## ABBREVIATION TERMS:

ACGI	CGIH American Conference of Government Industrial Hygienists		OSHA Occupational Safety and Health Act	
CAS	Chemical Abstracts Service	PEL	Permissible Exposure Limit	
CEPA	Canadian Environmental Protection Act	REL	Recommended Exposure Limit	
IARC	International Agency for Research on Cancer	SARA	Superfund Amendments & Reauthorization Act	
NIOS	H National Institute for Occupational Safety and Health	TSCA	Toxic Substances Control Act	
NTP	National Toxicology Program	N/A	Not Applicable, Not Available	
		Issue D	Date: 5/1/15	
		Revise	d Date: 11/22/2022	

Soldering Flux

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