



Safety Data Sheet

Robo-Mix Spat-R-Pruf Compound 106

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

- 1.1 Product Identifier**
Trade Name Robo-Mix Spat-R-Pruf Compound 106
Product Number YRK106
- 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against**
Product Use: Welding Process Aid
- 1.3 Details of the Supplier of the Safety Data Sheet**
Manufacturer: Weld-Aid Products
14650 Dequindre
Detroit , Michigan
Information Phone Number: +1 (313) 883-6977
+1 (313) 883-4930
E-mail info@weldaid.com
- 1.4 Emergency Telephone Number**
Emergency Spill Information +1 (800) 255-3924

SDS Date of Preparation: November 14, 2011

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

Physical:	Health:	Environmental
None	Skin Sensitizer Category 1	None

EU Classification (67/548/EEC): Xi R43

2.2 Label Elements

WARNING!



Hazard Phrases

H317	May cause an allergic skin reaction.
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Precautionary Phrases

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P501	Dispose of contents/container in accordance with local and national regulations.

2.3 Other Hazards: None

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances:

Chemical Name	CAS#	EINECS#	EU Classification (67/548/EEC)	GHS Classification Regulation (EC) No 1272/2008	%
Ammonium Resinate	8050-09-7	232-475-7	Xi R43	Skin Sensitizer Category 1 (H317)	<20

See Section 16 for further information on EU and GHS Classification.

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures

Eye: Rinse thoroughly with water for 15 minutes, holding the eye lids open to be sure the material is washed out. Get medical attention if irritation persists.

Skin: Wash with soap and water. Remove contaminate clothing. Get medical attention if symptoms develop and persist. Launder clothing before reuse.

Inhalation: Remove to fresh air. Get medical attention if irritation or other symptoms persist.

Ingestion: Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention.

4.2 Most Important symptoms and effects, both acute and delayed: May cause eye irritation with redness and tearing. Prolonged skin contact may cause irritation. May cause an allergic skin reaction. Mists may cause respiratory tract irritation.

4.3 Indication of any immediate medical attention and special treatment needed: None required.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing Media:

Use water spray, carbon dioxide, foam and dry chemical to extinguish fire.

5.2 Special Hazards Arising from the Substance or Mixture

Unusual Fire and Explosion Hazards: None known.

Hazardous Decomposition Products: Combustion may produce oxides of carbon and smoke.

5.3 Advice for Fire-Fighters:

Firefighters should always wear self-contained breathing apparatus and full protective clothing for fires involving chemicals or in confined spaces. Cool fire exposed containers with water.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Wear appropriate eye protection and gloves.

6.2 Environmental Precautions:

Report spill as required by local and federal regulations.

6.3 Methods and Material for Containment and Cleaning Up:

Contain and collect using an absorbent material and place in an appropriate container for disposal.

6.4 Reference to Other Sections:

Refer to Section 8 for protective equipment and Section 15 for disposal considerations.

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SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for Safe Handling:**
Use with adequate ventilation. Avoid contact with the eyes, skin and clothing. Wash thoroughly after handling.
- 7.2 Conditions for Safe Storage, Including any Incompatibilities**
Store in a cool, dry well ventilated area. Avoid excessive heat.
- 7.3 Specific end use(s):**
Welding applications.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

Chemical Name	Exposure Limits
Ammonium Resinate	None Established

Refer to local regulations if exposure limits are not listed above.

8.2 Exposure Controls:

Engineering Controls: Use with adequate general or local exhaust ventilation to minimize exposure levels.

Respiratory Protection: None required for normal use. Use an approved dust/mist respirator if exposure levels are excessive. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

Skin Protection: Impervious gloves are recommended if needed to avoid prolonged or repeated contact. Suggested materials for protective gloves include: Rubber.

Eye Protection: Chemical safety goggles recommended if splashing is possible in use. Follow facility requirements.

Other: Impervious clothing as needed to prevent prolonged skin contact.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic Physical and Chemical Properties:

Appearance: Clear to slightly yellow liquid.	Vapor Density: 0.6
Odor: Ammonical odor.	Specific Gravity: 1.03
Odor Threshold: No data available	Water Solubility: Soluble
pH: Not available	Octanol/Water Partition Coefficient: Not available
Melting Point/Freezing Point: Not applicable	Autoignition Temperature: Not available
Boiling Point: Not available	Decomposition Temperature: Not available
Flash Point: Not flammable	Viscosity: Not available
Evaporation Rate: 1 (ether =1)	Explosion Properties: Not explosive
Flammable Limits: None	Oxidizing Properties: Not oxidizing
Vapor Pressure: Not available	

9.2 Other Information:

None

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

Not reactive under normal conditions of use.

10.2 Chemical Stability:

Stable under normal storage and handling conditions.

10.3 Possibility of Hazardous Reactions:

None known.

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10.4 Conditions to Avoid:
Avoid excessive temperatures.

10.5 Incompatible Materials:
Avoid contact with oxidizing agents.

10.6 Hazardous Decomposition Products:
Thermal decomposition may produce carbon oxides and smoke.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Eye: May cause mild irritation with redness and tearing. Corneal injury is unlikely.

Skin: Prolonged or repeated exposure may cause skin irritation. May cause an allergic skin reaction.

Inhalation: None expected at ambient temperatures. Smoke or fumes generated by heating product may lead to respiratory sensitization (asthma) in susceptible individuals.

Ingestion: Very low toxicity if swallowed. No adverse effects are expected from swallowing small amounts.

Acute Toxicity Values:

Ammonium Resinate: Oral rat L50 >4 g/kg, Skin rabbit >2.5 g/kg.

Irritation: No data available. Product is expected to cause mild eye irritation.

Corrosivity: This is not a corrosive product.

Sensitization: This product contains rosin or a rosin derivative. Rosin and some rosin derivatives have been reported to cause an allergic skin reaction (sensitization) in susceptible individuals after repeated or prolonged contact. Smoke or fumes generated by heating may lead to respiratory sensitization (asthma) in susceptible individuals.

Repeat Dose Toxicity: No data available.

Carcinogen Status: None of the components are listed as a carcinogen by IARC, NTP, ACGIH, OSHA or EU Substances Directive.

Germ Cell Mutagenicity: No data available. This product is not expected to cause mutagenic activity.

Toxicity for Reproduction: No data available. This product is not expected to cause adverse reproductive effects.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

Ammonium Resinate: 96 hr EC50 fathead minnow >1000 mg/L; 48 hr EC50 daphnia magna 911 mg/L; 72 hr algae growth inhibition test >1000 mg/L

12.2 Persistence and Degradability:
No data available.

12.3 Bioaccumulative Potential:
Not expected to bioaccumulate.

12.4 Mobility in Soil:
No data available.

12.5 Results of PBT and vPvB Assessment:
Not required.

12.6 Other Adverse Effects:
None known.

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SECTION 13: DISPOSAL INFORMATION

13.1 Waste Treatment Methods

Dispose in accordance with local and national environmental regulations.

SECTION 14: TRANSPORT INFORMATION

	41.1 UN Number	41.2 UN Proper Shipping Name	14.3 Transport Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
US DOT		Not Regulated			
EU ADR/RID		Not Regulated			
IMDG		Not Regulated			

14.6 Special Precautions for User:

None

14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:

Not applicable

SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:

International Inventories:

US EPA TSCA Inventory: All of the components are listed on the TSCA inventory.

Canadian Environmental Protection Act: All of the ingredients are listed on the Canadian Domestic Substances List.

European Union: All of the components of this product are listed on the European Inventory of New and Existing Chemical Substances (EINECS) inventory.

Australia: All of the ingredients of this product are listed on the Australian Inventory of Chemical Substances (AICS).

China: All of the ingredients of this product are listed on the Inventory of Existing Chemical Substance in China (IECSC).

Korea: All of the components of this product are listed on the Korean Existing Chemical List (KECL).

New Zealand: All of the components of this product are listed on the New Zealand Inventory of Chemicals (NZIoC).

Philippines: All of the components of this product are listed on the Philippine Inventory of Chemicals and Chemical Substances (PICCS).

U.S. REGULATIONS

OSHA Hazard Classification: Sensitizer

CERCLA: This product is not subject to CERCLA reporting requirements, however, many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

EPA SARA 302: This product does not contain chemicals regulated under SARA Section 302.

EPA SARA 311 Hazard Classification: Acute Health

EPA SARA 313: This product contains the following chemicals that are regulated under SARA Title III, section 313:
None

California Proposition 65: This product contains the following chemicals which are known to the State of California to cause cancer, reproductive toxicity or birth defects: None

INTERNATIONAL REGULATIONS

WHMIS Classification: Class D-2B (Toxic materials causing other chronic effects)

15.2 Chemical Safety Assessment:

Not required

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SECTION 16: OTHER INFORMATION

SDS Revision History:

11/14/11: Converted US SDS to EU REACH SDS

GHS Phrases for Reference (See Section 2 and 3):

H317 May cause an allergic skin reaction.

EU Classes and Risk Phrases for Reference (See Sections 2 and 3):

Xi Irritant

R436 May cause sensitization by skin contact.

This sheet was compiled from the latest available information and reliable sources. Procedures are based on accepted usage. They are not necessarily all-inclusive and may vary in every circumstance. Weld-Aid provides no warranties either expressed or implied and assumes no responsibility for the accuracy or completeness of the data herein.