



Safety Data Sheet

Robo-Mix Spat-R-Pruf Compound 100

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

- 1.1 Product Identifier**
Trade Name Robo-Mix Spat-R-Pruf Compound 100
Product Number YRK100
- 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: October 20, 2011

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

Physical:	Health:	Environmental
None	Eye Irritation Category 2A	None

EU Classification (67/548/EEC): Not classified as dangerous

2.2 Label Elements

WARNING!



Hazard Phrases

H319	Causes serious eye irritation
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Precautionary Phrases

P264	Wash thoroughly after handling.
P280	Wear protective gloves/eye protection.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/attention.

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	%
White Mineral Oil	8042-47-5	232-455-8	Not classified as dangerous	Not classified as hazardous	80-100
Oleic Acid	112-80-1	204-007-1	Xi R36	Eye Irritation Category 2A (H319)	5-15%

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: No first aid should be required. If skin irritation develops, discontinue use and seek medical attention.

Inhalation: No first aid should be needed. If irritation develops, move to fresh air. Seek 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.

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 fog, carbon dioxide and dry chemical. Do not use water stream as product will float on the surface and spread fire.

5.2 Special Hazards Arising from the Substance or Mixture

Unusual Fire and Explosion Hazards: Product is not flammable but will burn under fire conditions.

Hazardous Decomposition Products: Combustion may produce oxides of carbon.

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
White Mineral Oil	5 mg/m ³ TWA ACGIH TLV (inhalable) 5 mg/m ³ TWA OSHA PEL (as oil msit) 10 mg/m ³ STEL UK OEL
Oleic Acid	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 maintain exposure levels below the occupational exposure limits.

Respiratory Protection: None required for normal use. Use and approved oil mist respirator if exposure levels exceed the applicable exposure limits. 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, Neoprene or Nitrile.

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 water-white to yellow liquid.	Vapor Density: >1
Odor: Mild odor.	Specific Gravity: <1
Odor Threshold: No data available	Water Solubility: Negligible
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: >200°F (>392°C)	Viscosity: Not available
Evaporation Rate: <1 (ether =1)	Explosion Properties: Not explosive
Flammable Limits: None	Oxidizing Properties: Not oxidizing
Vapor Pressure: <1	

9.2 Other Information:

None

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

Not reactive under normal conditions of use.

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10.2 Chemical Stability:
Stable under normal storage and handling conditions.

10.3 Possibility of Hazardous Reactions:
None known.

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.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:
Eye: May cause irritation with redness and tearing. Corneal injury is unlikely.
Skin: Prolonged or repeated exposure may cause redness, irritation and dryness.
Inhalation: None known.
Ingestion: Very low toxicity if swallowed. No adverse effects are expected from swallowing small amounts.

Acute Toxicity Values:

White Mineral Oil: No toxicity data available.

Oleic Acid: Oral rat LD50 >2000 mg/kg

Irritation: No data available. Product is expected to cause eye irritation. Oleic acid will cause eye irritation.

Corrosivity: This is not a corrosive product.

Sensitization: This product is not expected to cause sensitization.

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:
No data available. This product is not expected to be toxic to aquatic organisms.

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.

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12.6 Other Adverse Effects:
None known.

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).

Japan: All of the components of this product are listed on the Japanese Existing and New Chemical Substances List (ENCS).

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: Not Hazardous

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

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

15.2 Chemical Safety Assessment:
Not required

SECTION 16: OTHER INFORMATION

SDS Revision History:

10/20/11: Converted US SDS to EU REACH SDS

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

H319 Causes serious eye irritation

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

Xi Irritant

R36 Causes eye irritation.

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.