



Safety Data Sheet

York Water Soluble Spat-R-Pruf Compound 110
York Nuclear Spat-R-Pruf Compound 200

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

- 1.1 Product Identifier**
Trade Name York Water Soluble Spat-R-Pruf Compound 110
York Water Soluble Spat-R-Pruf Compound 200
Product Number Yrk 110-1, Yrk 200-1
- 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: December 15, 2011

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

CLP/GHS Classification (1272/2008): Not classified as hazardous

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

2.2 Label Elements: None required

2.3 Other Hazards: None

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	%
Limestone	1317-66-3	215-279-6	Not applicable	Not classified as hazardous	1-5
Talc	14807-96-6	238-877-9	Not applicable	Not classified as hazardous	1-10

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, 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. If skin irritation develops, 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. Seek medical attention.

4.2 Most Important symptoms and effects, both acute and delayed: May cause eye irritation. Prolonged skin contact may cause irritation or drying of the skin.

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

Safety Data Sheet

York Water Soluble Spat-R-Pruf Compound 110
York Nuclear Spat-R-Pruf Compound 200

SECTION 5: FIRE FIGHTING MEASURES

- 5.1 Extinguishing Media:**
Use any media that is suitable for the surrounding fire.
- 5.2 Special Hazards Arising from the Substance or Mixture**
Unusual Fire and Explosion Hazards: None known.
Hazardous Decomposition Products: None known.
- 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:**
Mop up or wet-sweep and place in an appropriate container for disposal. Wash spill site with water.
- 6.4 Reference to Other Sections:**
Refer to Section 8 for protective equipment and Section 15 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for Safe Handling:**
Avoid contact with the eyes, skin and clothing. Wash thoroughly after handling.
- 7.2 Conditions for Safe Storage, Including any Incompatibilities**
Store in a dry location. Avoid freezing.
- 7.3 Specific end use(s):**
Welding applications.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

Chemical Name	Exposure Limits
Limestone	5 mg/m ³ TWA OSHA PEL (respirable) 15 mg/m ³ TWA OSHA PEL (total dust) 10 mg/m ³ TWA UK OEL (inhalable) 4 mg/m ³ TWA UK OEL (respirable)
Talc	20 mppcf TWA OSHA PEL 2 mg/m ³ TWA ACGIH TLV (respirable) 1 mg/m ³ TWA UK OEL (respirable)

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. If the product is dry and exposures are excessive, wear an approved dust/mist respirator. 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 or nitrile.

Safety Data Sheet

York Water Soluble Spat-R-Pruf Compound 110

York Nuclear Spat-R-Pruf Compound 200

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: Gray liquid	Vapor Density: No data available
Odor: No odor.	Specific Gravity: 1.12
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: None
Boiling Point: 212°F (100°C)	Decomposition Temperature: None
Flash Point: None	Viscosity: Not applicable
Evaporation Rate: 1	Explosion Properties: Not explosive
Flammable Limits: None	Oxidizing Properties: Not oxidizing
Vapor Pressure: No data 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.

10.4 Conditions to Avoid:

Avoid from freezing to protect product quality.

10.5 Incompatible Materials:

None known.

10.6 Hazardous Decomposition Products:

None known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Eye: May cause mechanical irritation.

Skin: May cause mechanical irritation.

Inhalation: None known.

Ingestion: Swallowing may cause gastrointestinal irritation and nausea.

Acute Toxicity Values:

Limestone:

Talc:

Irritation: No data available for the product. None of the components are known to cause eye or skin irritation. .

Corrosivity: This is not a corrosive product.

Sensitization: This product is not expected to cause sensitization.

Safety Data Sheet

York Water Soluble Spat-R-Pruf Compound 110

York Nuclear Spat-R-Pruf Compound 200

Repeat Dose Toxicity: No data available for the product. Prolonged exposure to talc has been shown to cause acute or chronic bronchitis, inflammation of the respiratory tract or obstruction of the airways.

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:

Talc: 24 hr LC50 Brachydanio rerio (Zebra fish) >100 g/L
Limestone: No data available

12.2 Persistence and Degradability:

Biodegradation is not applicable to inorganic substances such as limestone or talc.

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.

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:

Safety Data Sheet

York Water Soluble Spat-R-Pruf Compound 110

York Nuclear Spat-R-Pruf Compound 200

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: Exposure Limits

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: Not Hazardous

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: Not a controlled product

15.2 Chemical Safety Assessment:

Not required

SECTION 16: OTHER INFORMATION

SDS Revision History:

12/15/11: Converted US SDS to EU REACH SDS

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

None

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

None

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.