



SAFETY DATA SHEET

Issue Date 20-Mar-14

Revision Date 20-Mar-14

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name ARC Resistant Sealant

Other Means of Identification

Product Code ARS

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Rubber Compound

Details of the Supplier of the Safety Data Sheet

Supplier Address
Chem Spec Corporation
761-24 N. 17th Street
St. Charles, IL 60174

Emergency Telephone Number

Company Phone Number 847-891-2133
Emergency Telephone 800-222-1222 Poison Control Center

2. HAZARDS IDENTIFICATION

Classification

Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2B
Acute Toxicity, Oral	Category 4
Acute toxicity, inhalation	Category 5
Skin Sensitization	Category 1
STOT, repeated exposure	Category 2

Signal Word

Warning

Physical State: Paste

Hazard Statements

Causes eye irritation
Causes skin irritation
Harmful in contact with skin
Harmful if swallowed
May be Harmful if inhaled
May cause an allergic skin reaction
May cause damage to Blood & Liver through prolonged or repeated exposure



Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling.
 Do not eat, drink or smoke when using this product.
 Wear protective gloves/protective clothing/eye protection/face protection.
 Avoid breathing dust/fume/gas/mist/vapors/spray.
 Contaminated work clothing should not be allowed out of the workplace.

Precautionary Statements - Response

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.
 IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
 IF ON SKIN: Wash with plenty of soap and water.
 If skin irritation or rash occurs: Get medical advice/attention.
 Take off contaminated clothing and wash before reuse.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 If eye irritation persists: Get medical advice/attention.
 Get medical advice/attention if you feel unwell.

Precautionary Statements - Disposal:

Dispose of contents/container to an approved waste disposal plant.

3. COMPOSITION/INFORMATION ON INGREDIENTS
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Chemical Name	CAS No	Weight-%
Methyl Tri(ethylmethylketoxime) Silane	22984-54-9	5-10

4. FIRST AID MEASURES

First Aid Measures

Inhalation	Remove to fresh air.
Eye Contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation occurs.
Ingestion	Clean mouth with water and drink afterwards plenty of water. Consult physician
Skin Contact	Wash with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. Get medical attention if irritation occurs.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms	Contact may cause irritation and redness.
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Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Not Flammable or combustible

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES**Personal Precautions, Protective Equipment and Emergency Procedures****Personal Precautions** Use personal protective equipment as required.**Methods and Material for Containment and Cleaning Up****Methods for Containment** Prevent further leakage or spillage if safe to do so.**Methods for Cleaning Up** Keep in suitable, closed containers for disposal.**7. HANDLING AND STORAGE****Precautions for Safe Handling****Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Wash face, hands, and any exposed skin thoroughly after handling. Use personal protection recommended in Section 8.**Conditions for Safe Storage, Including any Incompatibilities****Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.**Incompatible Materials** Strong acids.**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Methyl Tri(ethylmethylketoxime) Silane 22984-54-9	TWA: 3 ppm	-	-

Ethyl methyl ketoxime is formed upon contact with water or humid air. Provide adequate ventilation to control exposures with the following exposure guidelines: TWA: 3 ppm, STEL: 10 ppm; AIHA WEEL TWA: 10 ppm

Appropriate Engineering Controls**Engineering Controls** Apply technical measures to comply with the occupational exposure limits.**Individual Protection Measures, such as Personal Protective Equipment****Eye/Face Protection** Wear approved safety goggles where a splash hazard exists.**Skin and Body Protection** Wear suitable protective clothing.**Respiratory Protection** Ensure adequate ventilation, especially in confined areas.**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Paste	Odor	Slight
Appearance	White	Odor Threshold	Not determined
Color	White		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not determined	
Melting Point/Freezing Point	Not determined	

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Boiling Point/Boiling Range	> 212 °F	
Flash Point	Non Flammable	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Non Flammable	
Upper Flammability Limits	Non Flammable	
Lower Flammability Limit	Non Flammable	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	Not determined	
Water Solubility	Not determined	
Solubility in Other Solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

Strong acids.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Inhalation Avoid breathing vapors or mists. **Eye Contact** Causes serious

eye irritation. **Skin Contact** Causes skin irritation. Possible skin sensitizer.

Ingestion Do not taste or swallow.

Component Information

During use of the material, small amounts of methylethylketoxime (MEKO) will be released. Long term or repeated exposure to high concentrations of oxime-silanes may cause narcotic type effects on the nervous system, harmful effects on the blood and irritate nasal passages, but these effects are reversible and not considered serious. Rodents exposed to chronic MEKO inhalation throughout their lifetimes showed significant increases in liver tumor rates.

Information on Physical, Chemical and Toxicological Effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical Measures of Toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Persistence and Degradability

Not determined

Bioaccumulation

Not determined

Mobility

Not determined

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

15. REGULATORY INFORMATION

International Inventories

Not Determined

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

SARA 313

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
No Products Found			

US State Regulations

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Methyl Tri(ethylmethylketoxime) Silane 22984-54-9	X	-	X

16. OTHER INFORMATION

NEPA

Health Hazards

Not determined

Flammability

Not determined

Instability

Not determined

Special Hazards Not

determined **Personal**

HMIS

Health Hazards

Not determined

Flammability

Not determined

Physical Hazards

Not determined

Protection Not

determined

Issue Date

20-Mar-14

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Revision Note

New Format

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

