Safety Data Sheet

Prepared in Accordance with HPR (SOR/2015-17)

1. Identification of the Substance/Mixture and the Company/Undertaking

1.1 Product Identifier 55ADS1NL

Product Name: SOUTHWEST TYPE 7HD

Revision Date: 08/08/2025
Supercedes Date: 06/19/2023
Version Number: No Information

1.2 Relevant identified uses of the substance or mixture and uses advised against Fireproofing material.

1.3 Details of the supplier of the safety data sheet

Importer:
Carboline, a Division of RPM Canada, a General Partnership
200 Confederation Parkway, Unit 2
Concord, Ontario L4K 4T8
Phone:(800) 263-3112

Manufacturer:
Carboline Global Inc.
2150 Schuetz Road
St. Louis, MO USA 63146

Regulatory / Technical Information:
Contact Carboline Technical Services at
1-800-848-4645

Datasheet Produced by: Schlereth, Ken - regulatory@carboline.com

1.4 Emergency telephone number: CHEMTREC +1 703 5273887 (Outside US)

2. Hazard Identification

2.1 Classification of the substance or mixture

Carcinogenicity, category 1A
Serious Eye Damage, category 1
Skin Irritation, category 2
Skin Sensitizer, category 1

2.2 Label elements

Symbol(s) of Product

Signal Word

Danger

Named Chemicals on Label

MICROCRYSTALLINE SILICA, PORTLAND CEMENT

HAZARD STATEMENTS

Skin Irritation, category 2	H315	Causes skin irritation.
Skin Sensitizer, category 1	H317	May cause an allergic skin reaction.
Serious Eye Damage, category 1	H318	Causes serious eye damage.
Carcinogenicity, category 1A	H350-1A	May cause cancer.

PRECAUTION PHRASES

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/ face protection.
P284	Wear respiratory protection.
P301+310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+352	IF ON SKIN: Wash with plenty of soap and water.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
P308+313	IF exposed or concerned: Get medical advice/attention.
P333+313	If skin irritation or rash occurs: Get medical advice/attention.

2.3 Other hazards

No Information

Results of PBT and vPvB assessment:

The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.

3. Composition/Information On Ingredients

3.2 Mixtures

Hazardous ingredients

Name According to EEC	EINEC No.	CAS-No.	%	Classifications	
PORTLAND CEMENT	266-043-4	65997-15-1	60 - <80	H315-317-318	Eye Dam. 1, Skin Irrit. 2, Skin Sens. 1
MICROCRYSTALLINE SILICA	238-878-4	14808-60-7	0.1 - <1.0	H350-372	Carc. 1A, STOT RE 1

CAS-No.	M-Factors
65997-15-1	
14808-60-7	

Additional Information: The text for GHS Hazard Statements shown above (if any) is given in Section 16.

4. First-aid Measures

4.1 Description of First Aid Measures

AFTER INHALATION: Remove person to fresh air. If signs/symptoms continue, get medical attention.
AFTER SKIN CONTACT: Wash off with soap and plenty of water.
AFTER EYE CONTACT: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
AFTER INGESTION: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If swallowed, call a poison control centre or doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

Irritating to respiratory system.

4.3 Indication of any immediate medical attention and special treatment needed

No Information

5. Fire-fighting Measures

5.1 Extinguishing Media:

Carbon Dioxide, Dry Chemical, Foam, Water Fog

UNUSUAL FIRE AND EXPLOSION HAZARDS: No Information

FOR SAFETY REASONS NOT TO BE USED: No Information

5.2 Special hazards arising from the substance or mixture

No Information

5.3 Advice for firefighters

SPECIAL FIREFIGHTING PROCEDURES: The product is not flammable.

SPECIAL FIREFIGHTING PROTECTION EQUIPMENT: No Information

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Sweep up to prevent slipping hazard. Forms slippery/greasy layers with water.

6.2 Environmental precautions

No Information

6.3 Methods and material for containment and cleaning up

No Information

6.4 Reference to other sections

No Information

7. Handling and Storage

7.1 Precautions for safe handling

INSTRUCTIONS FOR SAFE HANDLING : Avoid breathing dust. Do not breathe vapours or spray mist. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.
PROTECTION AND HYGIENE MEASURES : Handle in accordance with good industrial hygiene and safety practice. Do not breathe dust. Wash hands before eating, drinking, or smoking.

7.2 Conditions for safe storage, including any incompatibilities

CONDITIONS TO AVOID: Exposure to moisture.
STORAGE CONDITIONS: Keep containers tightly closed in a dry, cool and well-ventilated place.

7.3 Specific end use(s)

No Information

8. Exposure Controls/Personal Protection

8.1 Control parameters

Ingredients with Occupational Exposure Limits (US)

Name	CAS-No.	ACGIH TWA	ACGIH STEL	ACGIH Ceiling
PORTLAND CEMENT	65997-15-1	1 MGM3	N/E	N/E
MICROCRYSTALLINE SILICA	14808-60-7	0.025 MGM3	N/E	N/E

Name	CAS-No.	OSHA PEL	OSHA STEL
PORTLAND CEMENT	65997-15-1	5 MGM3 15 MGM3	N/E
MICROCRYSTALLINE SILICA	14808-60-7	0.05 MGM3	N/E

FURTHER ADVICE: No Information

8.2 Exposure controls

Personal Protection

RESPIRATORY PROTECTION: Effective dust mask. Use NIOSH approved respiratory protection. Wear NIOSH-approved respiratory protection (generally a N-95 dust mask is appropriate) to prevent employee exposures from exceeding the limits specified in Section 2. Once the product has been wetted, the potential for silica dust exposure is essentially eliminated.

EYE PROTECTION: Safety glasses with side-shields.

HAND PROTECTION: For prolonged or repeated contact use protective gloves.

BODY PROTECTION: No Information

OTHER PROTECTIVE EQUIPMENT: None.

ENGINEERING CONTROLS: Avoid dust accumulation in enclosed space.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance:	Grey Powder Mixture
Physical State	Solid
Odor	Dusty
Odor threshold	N/D
pH	7 to 9 (in water)
Melting point / freezing point (°C)	N/A
Boiling point/range (°C)	N/A - .
Flash Point (°C)	None
Evaporation rate	N/A
Flammability (solid, gas)	N/D
Upper/lower flammability or explosive limits	N/A - N/A
Vapour Pressure, mmHg	N/A
Vapour density	N/A

Relative density	N/D
Solubility in / Miscibility with water	Slight
Partition coefficient: n-octanol/water	N/D
Auto-ignition temperature (°C)	N/D
Decomposition temperature (°C)	N/D
Viscosity	No Information
Explosive properties	N/D
Oxidising properties	N/D

9.2 Other information

VOC Content g/l:	0
Specific Gravity (g/cm3)	1.920

10. Stability and Reactivity

10.1 Reactivity
No Information

10.2 Chemical stability
Stable under normal conditions.

10.3 Possibility of hazardous reactions
Hazardous polymerisation does not occur.

10.4 Conditions to avoid
Exposure to moisture.

10.5 Incompatible materials
Strong oxidizing agents.

10.6 Hazardous decomposition products
None known.

11. Toxicological Information

11.1 Information on toxicological effects

Acute Toxicity:

Oral LD50: N/D

Inhalation LC50: N/D

Irritation: No Information

Corrosivity: No Information

Sensitization: No Information

Repeated dose toxicity: No Information

Carcinogenicity: No Information

Mutagenicity: No Information

Toxicity for reproduction: No Information

STOT-single exposure: No Information

STOT-repeated exposure: No Information

Aspiration hazard: No Information

If no information is available above under Acute Toxicity then the acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Vapor LC50	Gas LC50	Dust/Mist LC50
65997-15-1	PORTLAND CEMENT	Not Available		Not Available	0.000	0.000
14808-60-7	MICROCRYSTALLINE SILICA	22500 mg/kg	No Information	No Informaiton	No Information	No Information

Additional Information:

The cement contained within this product may cause dermal sensitization due to the potential presence of trace amounts of hexavalent chromium. Constituents of this product may include crystalline silica which, if inhalable, may cause silicosis, a form of progressive pulmonary fibrosis. Inhalable crystalline silica is listed by IARC as a group 1 carcinogen (lung) based on sufficient evidence in occupationally exposed humans and sufficient evidence in animals. Crystalline silica is also listed by the NTP as a known human carcinogen. This classification is relevant when exposed to Quartz (silicon dioxide) in dust or powder form only, including cured product that is subject to sanding, grinding, cutting, or other surface preparation activities. Constituents may also include abestiform or non-asbestiform tremolite or other silicates as impurities, and above dei minimus exposure to these impurities in inhalable form may be carcinogenic or cause other serious lung problems.

12. Ecological Information

12.1 Toxicity:

EC50 48hr (Daphnia): No Information

IC50 72hr (Algae): No Information

LC50 96hr (fish): No Information

12.2 Persistence and degradability: No Information

12.3 Bioaccumulative potential: No Information

12.4 Mobility in soil: No Information

12.5 Results of PBT and vPvB assessment: The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.

12.6 Other adverse effects: No Information

CAS-No.	Chemical Name	EC50 48hr	IC50 72hr	LC50 96hr
65997-15-1	PORTLAND CEMENT	No information	No information	No information
14808-60-7	MICROCRYSTALLINE SILICA	No information	No information	No information

13. Disposal Considerations

13.1 WASTE TREATMENT METHODS: Dispose of in accordance with local regulations.

14. Transport Information

14.1 UN number None

14.2 UN proper shipping name Not Regulated

Technical name N/A

14.3 Transport hazard class(es) None

Subsidiary shipping hazard No Information

14.4 Packing group N/A

14.5 Environmental hazards No Information

14.6 Special precautions for user No Information

EmS-No.: No Information

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code No Information

15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation for the substance or mixture:

National Regulations:

Denmark Product Registration Number: Not available

Danish MAL Code: Not available

Danish MAL Code - Mixture: Not available

Sweden Product Registration Number: Not available

Norway Product Registration Number: Not available

WGK Class: Not available

CERCLA - Sara Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

CERCLA - Sara Hazard Category

Carcinogenicity, Skin Corrosion or Irritation, Respiratory or Skin Sensitization, Serious eye damage or eye irritation

Sara Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No SARA 313 substances exist in this product above de minimis concentrations.

Toxic Substances Control Act:

All components of this product are either listed on the TSCA Inventory or are exempt.

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA 12(b) components exist in this product.

International Regulations: As follows -

* Canadian DSL:

No Information

15.2 Chemical Safety Assessment:

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

16. Other Information

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H350	May cause cancer.
H372	Causes damage to organs through prolonged or repeated exposure.

Reasons for revision

No Information

The information contained herein is, to the best of our knowledge and belief accurate. However,

since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.