



# BoardShield

## SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	BoardShield
<b>Recommended Use</b>	Protection of manufactured concrete production boards and production pallets
<b>Restrictions on Use</b>	For industrial use only.
<b>Manufacturer</b>	ACM Chemistries, Inc., P.O. Box 920430, Norcross, GA, 30010, (770) 417-3490
<b>Emergency Phone No.</b>	ACM Chemistries, Inc., (800)-424-9300, 24 hours
<b>SDS No.</b>	022-001
<b>Date of Preparation</b>	January 23, 2023

## SECTION 2. HAZARDS IDENTIFICATION

### GHS Classification

Skin corrosion/irritation - Category 3

Serious eye damage/eye irritation - Category 2B

### GHS Label Elements

#### No Symbol

#### Warning

H316 Causes mild skin irritation.

H320 Causes eye irritation.

#### Prevention:

P280 Wear protective gloves and eye protection.

P264 Wash hands and skin thoroughly after handling.

#### Response:

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 attention.

P332 + P313 If skin irritation occurs: Get medical attention.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers
White mineral oil (petroleum)	8042-47-5	~ 30	
Non-hazardous Proprietary Ingredients	CBI*	~ 70	

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

Move to fresh air.

#### Skin Contact

Avoid direct contact. Wear chemical protective clothing if necessary. Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. If skin irritation occurs get medical advice/attention.

### **Eye Contact**

Avoid direct contact. Wear chemical protective gloves if necessary. Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice/attention.

### **Ingestion**

Rinse mouth with water. Do not induce vomiting. If vomiting occurs naturally, lie on your side in the recovery position. Rinse mouth with water again. Get medical advice/attention if you feel unwell or are concerned.

### **Immediate Medical Attention and Special Treatment**

#### **Special Instructions**

Not applicable.

#### **Medical Conditions Aggravated by Exposure**

None known.

## **SECTION 5. FIRE-FIGHTING MEASURES**

### **Suitable Extinguishing Media**

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

### **Specific Hazards Arising from the Chemical**

In a fire, the following hazardous materials may be generated: carbon monoxide, carbon dioxide, water and other products of combustion.

### **Special Protective Equipment and Precautions for Fire-fighters**

Evacuate area. Fight fire from a safe distance or a protected location.

See Skin Protection in Section 8 (Exposure Controls/Personal Protection) for advice on suitable chemical protective materials.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

### **Personal Precautions, Protective Equipment, and Emergency Procedures**

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

### **Environmental Precautions**

It is good practice to prevent releases into the environment.

### **Methods and Materials for Containment and Cleaning Up**

Small spills or leaks: stop or reduce leak if safe to do so. Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal.

Large spills or leaks: dike spilled product to prevent runoff. Remove or recover liquid using pumps or vacuum equipment.

### **Other Information**

Report spills to local health, safety and environmental authorities, as required.

## **SECTION 7. HANDLING AND STORAGE**

### **Precautions for Safe Handling**

Prevent skin contact.

Do not get in eyes.

Avoid breathing in this product.

Only use where there is adequate ventilation.

Wear personal protective equipment to avoid direct contact with this chemical.

Keep containers tightly closed when not in use or empty.

General hygiene considerations: do NOT eat, drink or store food in work areas. Wash hands thoroughly after handling this product and before eating, using the washroom or leaving work area.

### **Conditions for Safe Storage**

Protect from freezing.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
White mineral oil (petroleum)	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>				

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety goggles.

#### Skin Protection

Wear impervious rubber gloves to prevent prolonged or repeated contact.

Suitable materials are: nitrile rubber, natural rubber, butyl rubber.

#### Respiratory Protection

Not normally required if product is used as directed. If airborne concentrations are above the applicable exposure limits, use NIOSH/MSHA approved respiratory protection.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Clear white liquid. Particle Size: Not applicable
Odor	Oily
Odor Threshold	Not available
pH	Not applicable
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	Not available
Flash Point	> 129 °C (265 °F)
Evaporation Rate	Not available
Flammability (solid, gas)	Not available
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapor Density (air = 1)	Not available
Relative Density (water = 1)	0.92-0.98
Solubility	Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available (kinematic); Not available (dynamic)
<b>Other Information</b>	
Physical State	Liquid
Molecular Formula	Not applicable
Molecular Weight	Not applicable
Bulk Density	Not available
Surface Tension	Not applicable
Critical Temperature	Not available
Electrical Conductivity	Not available
Vapor Pressure at 50 deg C	Not available
Saturated Vapor Concentration	Not available

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions of use.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None known.

### Conditions to Avoid

Freezing. Contamination. Temperatures below 4.4 °C (40.0 °F)

### Incompatible Materials

Avoid contact with strong oxidizing agents and acids.

### Hazardous Decomposition Products

In a fire, the following hazardous materials may be generated: carbon monoxide, carbon dioxide, water, and other combustion products.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
White mineral oil (petroleum)		5000 mg/kg (rat)	

### Skin Corrosion/Irritation

May cause mild irritation based on information for closely related chemicals.

### Serious Eye Damage/Irritation

May cause irritation based on information for closely related chemicals.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Skin Absorption

No information was located.

#### Ingestion

No information was located.

### Aspiration Hazard

No information was located.

### Respiratory and/or Skin Sensitization

No information was located.

### Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
White mineral oil (petroleum)	Not Listed	Not Listed	Not Listed	Not Listed

### Reproductive Toxicity

#### Development of Offspring

No information was located.

#### Sexual Function and Fertility

No information was located.

#### Effects on or via Lactation

No information was located.

## SECTION 12. ECOLOGICAL INFORMATION

### Toxicity

#### Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
White mineral oil (petroleum)	> 10,000 (Lepomis macrochirus (bluegill); 96-hour)			

#### Persistence and Degradability

No information was located.

#### Bioaccumulative Potential

No information was located.

#### Mobility in Soil

No information was located.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

This product is a non-hazardous waste. Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction.

## SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG Regulations. Not regulated under US DOT Regulations. Not regulated under IATA Regulations.

**Environmental Hazards** Not applicable

**Special Precautions for User** Not applicable

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

Not applicable

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

#### Canada

##### Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

#### USA

##### Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.

##### Additional USA Regulatory Lists

CERCLA: No

SARA Title III - Section 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA Title III - Section 311/312: No SARA Hazards

SARA Title III - Section 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (de minimis) reporting levels established by SARA Title III, Section 313.

## SECTION 16. OTHER INFORMATION

**Revision Indicators** SDS Prepared by Guy Martin; Date of Preparation: January 23, 2023.

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