Safety Data Sheet(SDS)

Shield & Shine Ceramic Spray Coating

Issue Date: 26-Jun-2020 Revision Date: 01-Jun-2022 Version 2

1. IDENTIFICATION

Product identifier

Product Name Shield & Shine Ceramic Spray Coating

Other means of identification

SDS # PES-SHIELDSHINE

Recommended use of the chemical and restrictions on use
Recommended Use Exterior finish coating.

Details of the supplier of the safety data sheet

Supplier Address

Pressure Equipment Sales 5646 N. 51st Ave Glendale, AZ 85301

Emergency telephone number

Company Phone Number

Phone: 623-937-8111

Fax: 623-937-8849

Emergency Telephone

INFOTRAC 1-352-323-3500 (International) 1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance White, milky liquid Physical state Liquid Odor Melon pineapple

Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Isopropyl Alcohol	67-63-0	1-5

^{**}If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

4. FIRST AID MEASURES

Description of first aid measures

Eye Contact Flush with large amounts of water for 15 minutes. If symptoms persists, seek medical

attention.

Skin Contact Wash affected area with water for 15 minutes. Remove contaminated clothing and launder

before reuse.

Inhalation Remove from exposure. Seek fresh air. Keep warm and quiet. If symptoms persist seek

medical attention.

Ingestion Never give anything by mouth to an unconscious person. If person is conscious, give

several glasses of water to dilute. Do NOT induce vomiting. Keep warm and quiet. Seek

Revision Date: 01-Jun-2022

medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms May cause skin and eye irritation. May cause gastrointestinal irritation.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray (fog). Dry chemical. Carbon dioxide (CO2).

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

None known.

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 PrecautionsUse personal protective equipment as required.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-UpContain spill. Ventilate and remove with inert absorbent.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Wear protective

gloves/protective clothing and eye/face protection.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store in a well-ventilated place. Keep cool.

Incompatible Materials Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Revision Date: 01-Jun-2022

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH	
Isopropyl Alcohol	STEL: 400 ppm	TWA: 400 ppm	IDLH: 2000 ppm	
67-63-0	TWA: 200 ppm	TWA: 980 mg/m ³	TWA: 400 ppm	
		(vacated) TWA: 400 ppm	TWA: 980 mg/m ³	
		(vacated) TWA: 980 mg/m ³	STEL: 500 ppm	
		(vacated) STEL: 500 ppm	STEL: 1225 mg/m ³	
		(vacated) STEL: 1225 mg/m ³	_	

Appropriate engineering controls

Engineering Controls use only with adequate ventilation. Avoid breathing vapors or mists. Local exhaust

preferred.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Safety glasses with side shields or chemical goggles.

Skin and Body Protection Protective gloves.

Respiratory Protection Wear a properly fitted NIOSH/MSHA approved respirator when ever exposure to vapor/mist

is likely and where ventilation is inadequate.

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 Liquid

AppearanceWhite, milky liquidOdorMelon pineappleColorWhiteOdor ThresholdNot determined

<u>Property</u> <u>Values</u> <u>Remarks • Method</u>

pH Not determined

Melting point / freezing point
Boiling point / boiling range
Flash point
Evaporation Rate
Flammability (Solid, Gas)

Not determined
100 °C / 212 °F
>60 °C / >140
Not determined
Liquid-Not applicable

Flammability Limit in Air

Upper flammability or explosive Not determined

limits

Lower flammability or explosive Not determined

limits

Vapor Pressure
Vapor Density
Relative Density
Not determined
0.96-1.06

0.96-1.06 **Water Solubility** Completely soluble 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

Revision Date: 01-Jun-2022

Reactivity

Not reactive under normal conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Hazardous Polymerization Will not occur.

Conditions to Avoid

Heat, flames and sparks.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

Various hydrocarbons.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact Avoid contact with eyes.

Skin Contact Avoid contact with skin.

Inhalation Do not inhale.

Ingestion Do not ingest.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50	
Isopropyl Alcohol	= 1870 mg/kg (Rat)	= 4059 mg/kg (Rabbit)	= 72600 mg/m ³ (Rat) 4 h	
67-63-0				

Symptoms related to the physical, chemical and toxicological characteristics

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 Group 3 IARC components are "not classifiable as human carcinogens".

Chemical name	ACGIH	IARC	NTP	OSHA	
Isopropyl Alcohol		Group 3		X	
67-63-0		•			

Legend

IARC (International Agency for Research on Cancer)

Group 3 IARC components are "not classifiable as human carcinogens"

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Revision Date: 01-Jun-2022

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

 Oral LD50
 37,400.0000 mg/kg

 Dermal LD50
 81,180.00 mg/kg

 ATEmix (inhalation-dust/mist)
 1,452.00 mg/L

12. ECOLOGICAL INFORMATION

Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Component Information

Chemical name	Algae/aquatic plants	Fish	Crustacea	
Isopropyl Alcohol	1000: 72 h Desmodesmus	11130: 96 h Pimephales promelas	13299: 48 h Daphnia magna mg/L	
67-63-0	subspicatus mg/L EC50	mg/L LC50 static	EC50	
	1000: 96 h Desmodesmus	9640: 96 h Pimephales promelas		
	subspicatus mg/L EC50	mg/L LC50 flow-through		
		1400000: 96 h Lepomis macrochirus		
		μg/L LC50		

Persistence/Degradability

Not determined.

Bioaccumulation

There is no data for this product.

Mobility

Chemical name	Partition coefficient	
Isopropyl Alcohol 67-63-0	0.05	

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.

California Hazardous Waste Status

Chemical name	California Hazardous Waste Status	
Isopropyl Alcohol	Toxic	
67-63-0	Ignitable	

14. TRANSPORT INFORMATION

Revision Date: 01-Jun-2022

Note Please see current shipping paper for most up to date shipping information, including

exemptions and special circumstances.

DOT Not regulated

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS	
Isopropyl Alcohol	Х	ACTIVE	X	X	Х	X	X	X	Х	

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

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical name	CAS No	Weight-%	SARA 313 - Threshold Values %	
Isopropyl Alcohol - 67-63-0	67-63-0	1-5	1.0	

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Revision Date: 01-Jun-2022

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania	
Isopropyl Alcohol	X	X	X	
67-63-0				

16. OTHER INFORMATION

Health Hazards NFPA **Flammability** Instability **Special Hazards** Not determined Not determined Not determined Not determined **Health Hazards** Physical hazards **Personal Protection HMIS Flammability** Not determined Not determined Not determined Not determined

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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