



1. Product and Company Identification

Material name SP2900 Series Part A
Version # 01
Revision date 01-20-2011
CAS # Mixture
Manufacturer Ergon Armor
Division Memphis
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 Jackson, MS 39215-1639
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2. Hazards Identification

OSHA regulatory status This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).
Potential health effects
Routes of exposure Inhalation.
Eyes Contact with eyes may cause irritation.
Skin Health injuries are not known or expected under normal use.
Inhalation Prolonged inhalation may be harmful. Health injuries are not known or expected under normal use.
Ingestion Health injuries are not known or expected under normal use.
Signs and symptoms Irritation of eyes and mucous membranes.
Potential environmental effects May cause long-term adverse effects in the environment.

3. Composition / Information on Ingredients

Hazardous components	CAS #	Percent
CARBON BLACK	1333-86-4	< 1
QUARTZ	14808-60-7	10 - 20
Non-hazardous components	CAS #	Percent
PHENOL-FORMALDEHYDE POLYMER GLYCIDYL ETHER	28064-14-4	1 - 2.5
PROPRIETARY INGREDIENTS	N/A	0 - 10
CASHEW, NUTSHELL LIQ., GLYCIDYL ETHERS	171263-25-5	0 - 10
2,3-EPOXYPROPYL NEODECANOATE	26761-45-5	0 - 10
BISPHENOL A-(EPICHLORHYDRIN) EPOXY RESIN	25068-38-6	30 - 50
MINERAL FILLER	Mixture	20 - 40

4. First Aid Measures

First aid procedures
Eye contact Rinse with water. Get medical attention if irritation develops and persists.
Skin contact Rinse skin with water/shower. Get medical attention if irritation develops and persists.

Inhalation If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.

Ingestion Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.

5. Fire Fighting Measures

Flammable properties By heating and fire, toxic vapors/gases may be formed.

Extinguishing media

Suitable extinguishing media Dry chemical powder. Carbon dioxide (CO2). Dry chemicals. Alcohol foam.

6. Accidental Release Measures

Personal precautions Keep upwind. Keep out of low areas. Keep people away from and upwind of spill/leak. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Environmental precautions Prevent further leakage or spillage if safe to do so. Do not contaminate water.

Methods for containment Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Prevent entry into waterways, sewer, basements or confined areas.

Methods for cleaning up Should not be released into the environment.

Large Spills: Do not get water on spilled substance or inside containers. Dike far ahead of spill for later disposal. Cover with DRY earth, DRY sand, or other non-combustible material followed with plastic sheet to minimize spreading or contact with rain.

Small Spills: Absorb spill with vermiculite or other inert material. Clean surface thoroughly to remove residual contamination.

Never return spills in original containers for re-use.

7. Handling and Storage

Handling Do not allow water to get into container because of violent reaction and possible flash fire. Avoid prolonged exposure. Avoid release to the environment.

Storage Keep container tightly closed. Keep container dry.

8. Exposure Controls / Personal Protection

Occupational exposure limits

ACGIH

Components	Type	Value	Form
CARBON BLACK (1333-86-4)	TWA	3.5000 mg/m3	
QUARTZ (14808-60-7)	TWA	0.0250 mg/m3	Respirable fraction.

U.S. - OSHA

Components	Type	Value	Form
CARBON BLACK (1333-86-4)	PEL	3.5000 mg/m3	
QUARTZ (14808-60-7)	TWA	2.4000 mppcf	Respirable.
		0.3000 mg/m3	Total dust.
		0.1000 mg/m3	Respirable.

Personal protective equipment

Eye / face protection Not normally needed.

Skin protection No special protective equipment required.

Respiratory protection When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

9. Physical & Chemical Properties

Appearance Not available.

Color Not available.

Odor	Not available.
Odor threshold	Not available.
Physical state	Liquid.
Form	Liquid.
pH	Not available.
Melting point	Not available.
Freezing point	Not available.
Boiling point	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability limits in air, upper, % by volume	Not available.
Flammability limits in air, lower, % by volume	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Specific gravity	Not available.
Relative density	Not available.
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
VOC	Not available.

10. Chemical Stability & Reactivity Information

Chemical stability	Stable at normal conditions.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Chlorine. Fluorine. Peroxides. Strong acids, alkalies and oxidizing agents.
Hazardous decomposition products	If product is burned hazardous gases such as oxides of carbon and nitrogen and various hydrocarbons may be produced. Toxic gas.

11. Toxicological Information

Toxicological data

Components

CARBON BLACK (1333-86-4)

Test Results

Acute Oral LD50 Rat: > 8000 mg/kg

* Estimates for product may be based on additional component data not shown.

Chronic effects	Prolonged inhalation may be harmful.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

12. Ecological Information

Ecotoxicity	Contains a substance which causes risk of hazardous effects to the environment.
Environmental effects	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Persistence and degradability	Not available.

13. Disposal Considerations

Disposal instructions	Dispose of this material and its container to hazardous or special waste collection point. Incinerate the material under controlled conditions in an approved incinerator. Do not allow this material to drain into sewers/water supplies. Dispose in accordance with all applicable regulations.
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14. Transport Information

DOT

Not regulated as dangerous goods.

15. Regulatory Information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - Yes

Section 302 extremely hazardous substance No

Section 311 hazardous chemical No

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

State regulations WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

CARBON BLACK (CAS 1333-86-4) Listed.
QUARTZ (CAS 14808-60-7) Listed.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

CARBON BLACK (CAS 1333-86-4) Listed: February 21, 2003 Carcinogenic.
QUARTZ (CAS 14808-60-7) Listed: October 1, 1988 Carcinogenic.

US - Pennsylvania RTK - Hazardous Substances: Listed substance

CARBON BLACK (CAS 1333-86-4) Listed.
QUARTZ (CAS 14808-60-7) Listed.

16. Other Information

Further information HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings
Health: 1*
Flammability: 0
Physical hazard: 2

NFPA ratings

Health: 1
Flammability: 0
Instability: 0
Special hazards: W

Issue date

01-20-2011