



PROCOR CHEMICALS, INC.



Safety Data Sheet HP PROFalt™

SECTION 1 – IDENTIFICATION

Product Trade NameHP PROFalt™

Generic DescriptionSulfonated Asphalt blend

Manufacturer/SupplierProcCor Chemicals

AddressP.O. Box 81356, Lafayette, LA 70598

Phone Number866-960-1326

Emergency Number1-800-424-9300 (Chemtrec)

Revised Date7-1-24

SECTION 2 – HAZARDS IDENTIFICATION

Hazard Data

Product may irritate eyes, skin, mucous membranes and upper respiratory system with overexposure. Prolonged inhalation (chronic) of dust may result in lung damage. Low concentrations of crystalline silica (SiO₂) in the form of quartz, cristobalite or tridymite may be present.

Health	1	
Flammability	0	
Reactivity	0	Ratings based on NPFA
PPE	E	

Signal word (GHS-US): Warning

Hazard statements (GHS-US): H320, may cause eye irritation; H335, may cause respiratory irritation; H316, may cause mild skin irritation.

Precautionary statements (GHS-US): (P281) use personal protective equipment as required; P285, in case of inadequate ventilation, wear respiratory protection.

The OSHA Permissible Exposure Limits from Table Z-3 Mineral Dusts are:
Crystalline Silica

Quartz (Respirable) 10 mg/m³
 % SiO₂ + 2

Quartz (Total Dust) 30 mg/m³
 % SiO₂ + 2

Inhalation:

Breathing dust may cause irritation of the nose, throat and respiratory passages. Breathing dust may not cause noticeable injury or illness even though permanent lung damage may be occurring. Inhalation of dust may also cause silicosis.

Cancer Status: The International Agency for Research on Cancer (IARC) has determined that crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (Group 1 – carcinogenic to humans). The National Toxicology Program (NTP) classified respirable crystalline silica as “known to be a human carcinogen”. The American Conference of Governmental Industrial Hygienists (ACGIH) classifies crystalline silica, quartz, as a suspected human carcinogen (A2).



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SECTION 2 – HAZARDS IDENTIFICATION continued

Skin Contact:

May be irritating to the skin with prolonged contact.

Eye Contact:

May cause irritation to the eyes and could cause prolonged impairment of vision.

Ingestion:

Not anticipated route of exposure. If ingested may be irritating to mouth, throat and stomach.

Chronic Health Effects:

See Inhalation subsection above.

Medical Conditions Aggravated by Exposure:

Emphysema, asthma, bronchitis or other respiratory problems.

SECTION 3 – COMPOSITION / INFORMATION ON COMPONENTS

MATERIAL OR COMPONENT	OSHA PEL	CAS Number	PERCENT
Sulfonated Asphalt			100%
Crystalline Silica	See below	14808-60-7	<1%

SECTION 4 – FIRST AID MEASURES

Inhalation:

Remove person to fresh air. Get medical attention for any breathing difficulty.

Skin Contact:

Wash exposed area with soap and water. Remove contaminated clothing and wash before reuse. Get medical advice if irritation develops.

Eye Contact:

Wash thoroughly with large amounts of running water for at least 15 minutes. Remove contact lenses if worn. Get medical advice if irritation develops.

Ingestion:

If large amounts were ingested, give water to drink, do not induce vomiting and get medical advice.

Advice to Physicians

Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Flash Point	Not applicable
Flammable Limits	Not applicable
Fire Extinguishing Media	Water, carbon dioxide, dry powder or foam
Unusual Fire and Explosion Hazard	Airborne dust concentrations may create a dust explosion hazard.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Release or Spill

Avoid creating dusty conditions. Collect and place in suitable container for reuse or disposal.

Personal Precautions

Avoid breathing dust. Wear appropriate protective equipment.

Environmental Precautions

None known.

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SECTION 7 – HANDLING AND STORAGE

Handling

This product may contain crystalline silica. Avoid breathing dust. Avoid creating dusty conditions. Use only with adequate ventilation to keep exposure below recommended exposure limits. Wear NIOSH approved respirator or equivalent when using this product. Electrostatic charge may accumulate and create a hazardous condition when handling this material. To minimize this hazard, bonding and grounding may be necessary.

Storage

Store in a cool dry place with adequate ventilation. Keep away from oxidizing agents and ignitions sources, heat and open flames. Use good housekeeping in storage and work areas to prevent accumulation of dust.

SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

Airborne Exposure Limits

See Section 3

Ventilation Requirements:

A system of local and/or general exhaust is recommended if handled in a confined area to control below recommended exposure levels.



Respiratory Protection

Use NIOSH approved nuisance dust respirator. Use NIOSH approved mechanical filter respirator when dust levels exceed applicable exposure limits.



Eye Protection

Wear safety glasses with side shields. Maintain eye wash station in work area.



Skin Protection

Wear long sleeved clothing and work gloves.

Other Protection Equipment/Clothing

As appropriate for work area.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Powder
Color	Dark Brown to Black
Odor	None
pH	Not applicable
Specific Gravity	1.2-1.5
Boiling Range/Point	Not applicable
Flash Point	Not applicable
Explosion Limits (%)	Not applicable
Solubility in Water	Appreciable
Vapor Density (Air=1)	Not applicable
Evaporation Rate (butyl acetate=1)	Not applicable

SECTION 10 - STABILITY AND REACTIVITY

Stable under normal conditions of use and storage.

Materials to Avoid: Excessive heat, ignition sources, and strong oxidizers.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition: Sulfur oxides and carbon oxides.

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SECTION 11 - TOXICOLOGICAL INFORMATION

No acute toxicity data is available for product or components.
Crystalline silica is listed as carcinogen on NTP, IARC or OSHA.

SECTION 12 - ECOLOGICAL INFORMATION

No ecotoxicity data is available. This product is not expected to be toxic to aquatic organisms.
This product is not expected to be readily biodegradable.

SECTION 13 - DISPOSAL

Dispose of material in accordance with all local, state, and federal regulations.

SECTION 14 - TRANSPORT INFORMATION

UN Proper Shipping Name	Not regulated
UN Label	None required
UN Identification Number	None
Hazardous Ingredients	None
Placards	None
Reportable Quantity	None

SECTION 15 - REGULATORY INFORMATION

TSCA Listed	Yes
SARA Title III Section 302	No
SARA Title III Section 311/312	Delayed/Chronic Health Hazard
SARA Title III Section 313	Does not contain chemical listed in 313 at or above

SECTION 16 - OTHER INFORMATION

Abbreviations

N/A:	Denotes no applicable information found or available
CAS#:	Chemical Abstracts Service Number
ACGIH:	American Conference of Governmental Industrial Hygienists
OSHA:	Occupational Safety and Health Administration
TLV:	Threshold Limit Value
PEL:	Permissible Exposure Limit
STEL:	Short Term Exposure Limit
NTP:	National Toxicology Program
IARC:	International Agency for Research on Cancer

MSDS Date: 1-1-23

Disclaimer: All information and recommendations concerning product is based on tests and data believed to be reliable; however it is the user's responsibility to determine the safety, toxicity and suitability for the user's own use of the product described herein. Since the actual use by others is beyond our control, no guarantee expressed or implied is made by Procor Chemicals. Nor is the information herein to be construed as absolutely complete since additional information may be necessary or desirable when particular conditions exist or because of applicable laws or government regulations.