



# SAFETY DATA SHEET

According to 29 CFR 1910.1200 (OSHA HCS) & GHS

**Product:** Flak Jacket PRO

**Date:** December 10, 2025 (v3.0)

## SECTION 1: IDENTIFICATION

**Product Identifier:** Flak Jacket PRO (2-Part Kit: Base + Hardener)

**Product Code:** **FJP-BLK-SERIES** (Covers all Black Kit sizes/configurations)

Flak Jacket PRO Automotive Truck Bed Accessory Kit – Black Vehicle Protection System (Kit Without Spray Gun, 1 Gallon)

Flak Jacket PRO Automotive Truck Bed Accessory Kit – Black Vehicle Protection System (Kit with Spray Gun, 1 Gallon)

Flak Jacket PRO Automotive Truck Bed Accessory Kit – Black Vehicle Protection System (Kit Without Spray Gun, 2 Gallon)

Flak Jacket PRO Automotive Truck Bed Accessory Kit – Black Vehicle Protection System (Kit with Spray Gun, 2 Gallon)

**Use/Restrictions:** Protective Coating (Industrial Use). Not for consumer use.

**Manufacturer:** Oak Ridge Foam & Coating Systems, Inc. | Green Lake, WI, USA

**Emergency:** **CHEMTREC: 800-424-9300 (24 Hours)**

## SECTION 2: HAZARD(S) IDENTIFICATION

**Flammable Liquids:** Cat 2

**Skin Sensitization:** Cat 1

**Eye Damage/Irritation:** Cat 2A

**Carcinogenicity:** Cat 2

**Skin Corrosion/Irritation:** Cat 2

**STOT Single Exp:** Cat 3



# DANGER

### **Hazard Statements**

- **H225:** Highly flammable liquid and vapor.
- **H315 / H319:** Causes skin irritation / Causes serious eye irritation.
- **H317:** May cause an allergic skin reaction.
- **H336:** May cause drowsiness or dizziness.
- **H351:** Suspected of causing cancer (Carbon Black inhalation).

### **Precautionary Statements**

- **P210:** Keep away from heat, sparks, open flames. No smoking.
- **P261:** Avoid breathing dust/fume/gas/mist/vapors/spray.
- **P280:** Wear protective gloves/clothing/eye protection.
- **P303+P361+P353:** IF ON SKIN: Take off contaminated clothing. Rinse skin with water.
- **P305+P351+P338:** IF IN EYES: Rinse cautiously. Remove contact lenses if present.
- **P370+P378:** In case of fire: Use Dry Chemical, Foam, or CO2.
- **P403+P235:** Store in a well-ventilated place. Keep cool.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration (%)
n-Butyl Propionate	590-01-2	17.0 - 22.0 %
HDI Homopolymer	28182-81-2	13.0 - 17.0 %
Acetone	67-64-1	10.0 - 15.0 %
Carbon Black	1333-86-4	1.0 - 5.0 %
Polyurethane Prepolymer	Proprietary	Balance
HDI Monomer	822-06-0	< 0.1 %

### SECTION 4: FIRST-AID MEASURES

**Inhalation:** Remove to fresh air. Call POISON CENTER if unwell.

**Skin:** Rinse with water. Remove contaminated clothing. If rash occurs, get medical advice.

**Eyes:** Rinse cautiously for 15 mins. Remove contacts. Get medical attention if irritation persists.

**Ingestion:** Do NOT induce vomiting. Rinse mouth. Call POISON CENTER immediately.

### SECTION 5: FIRE-FIGHTING MEASURES

**Extinguishing Media:** Water spray, dry powder, foam, CO<sub>2</sub>. **Do not use** solid water stream.

**Hazards:** Highly flammable. Vapors heavier than air. Pressure build-up in heated containers.

**Combustion Products:** Carbon/Nitrogen Oxides, Hydrogen Cyanide, Isocyanates.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Precautions:** Eliminate ignition sources. Ventilate area. Wear PPE.

**Cleanup:** Absorb with sand/earth. Do NOT use sawdust. Collect in container; do not seal immediately.

### SECTION 7: HANDLING AND STORAGE

**Handling:** Ground/bond container. Use explosion-proof equipment. Do not breathe spray.

**Storage:** Keep cool (40-77°F / 5-25°C), well-ventilated, and locked up.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Controls:** Use explosion-proof ventilation. Maintain airflow.

**PPE:** Splash goggles, Nitrile/Butyl gloves, Tyvek suit, NIOSH Organic Vapor respirator.

Component	OSHA PEL	ACGIH TLV
Acetone	1000 ppm	250 ppm
Carbon Black	3.5 mg/m <sup>3</sup>	3 mg/m <sup>3</sup> (Inhalable)

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>State:</b> Liquid	<b>Color:</b> Black	<b>Odor:</b> Solvent-like
<b>Flash Point:</b> -4°F (-20°C)	<b>Boiling Point:</b> > 133°F (56°C)	<b>pH:</b> N/A
<b>Density:</b> ~1.05 g/cm <sup>3</sup>	<b>Solubility:</b> Insoluble	<b>VOC:</b> ~239 g/l

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Reacts with water, alcohols, amines, acids.

**Stability:** Stable under normal conditions.

**Avoid:** Heat, sparks, flames, moisture.

## SECTION 11: TOXICOLOGICAL INFORMATION

**Routes:** Inhalation, Skin, Eyes.

**Acute Toxicity:**

- Acetone: LD50 Oral Rat 5800 mg/kg
- n-Butyl Propionate: LD50 Oral Rat >5000 mg/kg

**Carcinogenicity:** Carbon Black is IARC Group 2B (Possibly carcinogenic via inhalation of dust).

## SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** Prevent from entering waterways. Large spills may be harmful to aquatic life.

**Persistence:** Solvents (Acetone/n-Butyl) are readily biodegradable. Cured urethane solids are inert/non-biodegradable.

**Bioaccumulation:** Low potential for bioaccumulation.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Disposal Instructions:** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow to drain into sewers/water supplies. Dispose of in accordance with local, state, and federal regulations (RCRA). Contaminated packaging should be emptied as much as possible.

## **SECTION 14: TRANSPORT INFORMATION**

### **Department of Transportation (DOT - US Ground)**

UN Number: UN1263  
Proper Shipping Name: PAINT  
Hazard Class: 3  
Packing Group: II  
Label: FLAMMABLE LIQUID  
Limited Quantity: Yes (If inner packaging < 5 Liters)

### **IMDG (Ocean Transport)**

UN Number: UN1263  
Proper Shipping Name: PAINT  
Hazard Class: 3  
Packing Group: II  
EmS Code: F-E, S-E

### **IATA (Air Transport)**

UN Number: UN1263  
Proper Shipping Name: PAINT  
Hazard Class: 3  
Packing Group: II

## SECTION 15: REGULATORY INFORMATION

### US Federal Regulations

**TSCA Section 12(b):** All components are listed on the TSCA Inventory.

**SARA 311/312 Categories:** Fire Hazard, Acute Health Hazard, Chronic Health Hazard.

**CERCLA:** Acetone (67-64-1) has a Reportable Quantity (RQ) of 5,000 lbs.

### US State Regulations

**California Proposition 65:** WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**State Right-To-Know:** Acetone and n-Butyl Propionate are listed in MA, NJ, and PA.

## SECTION 16: OTHER INFORMATION

### **NFPA Rating**

Health: 2  
Flammability: 3  
Instability: 1

### **HMIS Rating**

Health: 2\*  
Flammability: 3  
Physical: 1

**Issue Date:** December 10, 2025

**Version:** 3.0

### **Disclaimer**

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**\*\*\* END OF SAFETY DATA SHEET \*\*\***