



Material Safety Data Sheet

Flamecheck FIF Clear Coat-X Fire Retardant

1. Chemical Product and Company Identification

Product name:	Flamecheck FIF Clear Coat-X
CAS No:	Not applicable to the mixture
Intended use:	Fire retardant water-based polyurethane
Manufacturer:	Flamecheck International LLC
Address:	4353 S Santa Rita Ave, Tucson AZ 85714
Phone:	520-528-1527

2. **Hazards Identification:** General In all cases of doubt or when symptoms persist seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in the recovery position and seek medical attention.

3. Composition / Information on Ingredients Chemical Description

Product Description				
Name	W/W%	CAS	PEL	TLV
1-Methyl-2-Pyrrolidone	<3	872-50-4	400mg/m ³	Not Established
Borates	<3	10043-35-3	10mg/m ³	Not Established
Phosphoric Acid	<3	7664-38-2	Not Established	Not Established
Ethylene Glycol	<3	107-21-1	50 ppm 15 Mins	Not Established

No toxic chemicals subject to the reporting requirements of section 313 of SARA Title III and the 40 CFR 372 are present. Avoid skin absorption by wearing protective gear (overalls, goggles, face mask, gloves). Do not Inhale.

4. First Aid Measures:

Eyes: Contact lenses should be removed. Flush with a copious volume of water for 15 minutes, holding eyelids apart.
Skin: Wash off with plenty of water. Seek medical attention if any symptoms persist.
Inhalation: Remove to fresh air. Keep calm and warm. If breathing has stopped give artificial respiration and seek medical attention.
Ingestion: Wash mouth out with water and give milk or water to drink (unless unconscious). Seek immediate medical attention.

5. **Fire Fighting Measures:** Extinguishing Media: Product is not combustible. Use media appropriate to material on fire. Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing. In a large fire, water may boil off leaving a residue, which, if exposed to high temperatures, may decompose with possible resultant production of Oxides of Phosphorous, Carbon Dioxide, and possibly Carbon Monoxide. Heated containers may burst. Keep containers cool by water spray.

6. **Accidental release measures (spillage):** Spill Cleanup Procedures: Always wear personal protective equipment (see Section 8). For small spills either absorb with absorbent material and transfer to a sealed container for approved disposal. Stop the spill at the source and prevent from entering drains, sewers, streams and other bodies of water. For large spills dam off spillage and pump/transfer to containers. Any residue should be treated as per small spillage. Observe all national/local regulations when disposing of any chemical product.

7. **Storage and Handling (normal use):** Store in sealed containers in a cool dry place. Apply adequate factory hygiene principles when using this product. Wear appropriate personal protective equipment. Avoid eye and skin contact. Storage Precautions: Store in original sealed containers in a cool dry area. Store in accordance with local regulations. Storage Temperature: 5°C to +30°C. Do not freeze. Shelf Life: 5 years

8. **Exposure Controls / Personal Protection:** Comments: Working procedures should be designed to minimize worker exposure to the product. Wear appropriate personal protective equipment. Avoid contact with skin and eyes. Take measures to minimize inhalation when spraying. Use in well ventilated area. Protective Gloves: Wear impervious gloves.



Eye protection: Wear Safety goggles/face visor
 Other Protection: If splashes likely, wear protective boots and clothing. If to be sprayed, recommend the use of adequate face mask with respiratory protection.

9. **Physical and Chemical Properties:**

Appearance	White liquid	Specific Gravity (water=1)	1.25
Odor	Latex odor	Boiling Point	310°F
Solubility in water	Miscible	Vapor Density (Air=1)	>1
Physical State	Liquid	VOC	275 g/l
pH	8.5-9.5	Freezing Point	15°F

10. **Stability and Reactivity:** Stability: Stable under normal conditions. If product freezes the product is ruined and must be disposed of. Materials to avoid: Strong acids and bases and oxidizing agents as the product is mildly acidic will corrode some metals on prolonged contact.

11. **Toxicology Information:** All long-term toxicological properties of this product have yet to be established, therefore as a precaution: Avoid contact with skin or eyes. Spray or fumes may be harmful if inhaled. Therefore, wear overalls, goggles, mask and impervious gloves. Permissible exposure level: 100 ppm; Threshold limit: 50ppm skin. If any part of your body gets in contact with the paint, wash it off with soap and water. Carcinogenicity: NTP? None; IARC Monographs: None; OSHA Regulated: No

12. **Ecological Information:** Unavailable

13. **Disposal Considerations:** Disposal Methods: Via an approved Waste Disposal Contractor to an approved Waste Disposal Site. Observe all national/local regulations.

14. **Transport Information (Regulations)**

Department of Transportation (DOT).
 DOT Proper shipping name: N/A
 DOT Hazard Class: Non-flammable Liquid (paint)
 DOT Label: Health 3; Flammability 1; Reactivity 0
 DOT ID#: N/A

15. **Regulatory Information (Supply and Labeling):**

Supply Class	None
Hazard Pictogram	None
Risk Phases	None
Safety Phases	S2 – Keep out of the reach of children S24-25 – Avoid contact with eyes and skin S26 – In case of eye contact, flush with water seek medical attention. S37 – Use suitable gloves and protective clothing

16. The information contained in this safety data sheet does not constitute the user's own assessment of the workplace risks as required by other health and safety legislation. This 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. Such information is to the best of the company's knowledge and belief accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made as to its accuracy, reliability of completeness. It is the responsibility of the user to satisfy themselves as to the suitability of such information for their own use.