SAFETY DATA SHEET

H.B. Fuller® EV PROTECT 5006 A

Version 1.2 Revision Date 03/21/2023

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : H.B. Fuller® EV PROTECT 5006 A
Product code : 100000023359

Manufacturer or supplier's details

Company : H.B. Fuller Company

Address : 1200 Willow Lake Boulevard
Vadnais Heights, MN 55110
Telephone : 1-888-423-8553

Medical Emergency Phone Number (24 Hours): 1-888-853-1758

Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300

Recommended use of the chemical and restrictions on use

Recommended use : Adhesive

Restrictions on use : For industrial use only.

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance	liquid
Color	dark gray
Odor	Neutral

GHS Classification

Not a hazardous substance or mixture.

GHS label elements

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required

Potential Health Effects

Carcinogenicity:

IARC No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP No ingredient of this product present at levels greater than or

equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous ingredients

Chemical name	CAS-No.	Concentration [%]
triphenyl phosphate	115-86-6	10 - 20
glycerol	56-81-5	5 - 10
zinc distearate	557-05-1	1 - 5
Oxirane, methyl-, polymer with oxirane, mono[(diethylamino)alkyl] ether	68511-96-6	1 - 5

Actual concentration is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

General advice : Show this material safety data sheet to the doctor in attendance.

If inhaled : Remove person to fresh air. If signs/symptoms continue, get medical attention.

In case of skin contact : The product is not skin irritating.

In case of eye contact : Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.

If swallowed : If accidentally swallowed obtain immediate medical attention.
Rinse mouth with water.
If conscious, drink plenty of water.
Do NOT induce vomiting.
If symptoms persist, call a physician.

Notes to physician : No further relevant information available.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Water mist
Foam
Dry powder
Carbon dioxide (CO2)

Specific hazards during fire fighting	:	No further relevant information available.
Specific extinguishing methods	:	
Further information	:	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Special protective equipment for fire-fighters	:	No special protective measures against fire required.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Use personal protective equipment.
Environmental precautions	:	The product should not be allowed to enter drains, water courses or the soil. If the product contaminates rivers and lakes or drains inform respective authorities.
Methods and materials for containment and cleaning up	:	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Send for recovery or disposal in suitable containers.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling	:	Keep away from children. Avoid release to the environment.
Conditions for safe storage	:	Keep dark, cool and dry. Do not freeze.
Materials to avoid	:	

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
triphenyl phosphate	115-86-6	TWA	3 mg/m3	ACGIH
		TWA	3 mg/m3	OSHA Z-1
		TWA	3 mg/m3	OSHA P0
		PEL	3 mg/m3	CAL PEL
glycerol	56-81-5	TWA (mist, respirable	5 mg/m3	OSHA Z-1

		fraction)		
		TWA (mist, total dust)	15 mg/m3	OSHA Z-1
		TWA (Total)	10 mg/m3	OSHA P0
		TWA (Respirable fraction)	5 mg/m3	OSHA P0
		TWA	10 mg/m3	ACGIH
		TWA (Mist - total dust)	10 mg/m3	OSHA P0
		TWA (Mist - respirable fraction)	5 mg/m3	OSHA P0
zinc distearate	557-05-1	TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (respirable fraction)	5 mg/m3	OSHA Z-1
		TWA (Total)	10 mg/m3	OSHA P0
		TWA (Respirable fraction)	5 mg/m3	OSHA P0
		TWA	10 mg/m3	ACGIH
		TWA (Total dust)	10 mg/m3	OSHA P0
		TWA (respirable dust fraction)	5 mg/m3	OSHA P0
		PEL	10 mg/m3	CAL PEL
		TWA (Inhalable particulate matter)	10 mg/m3	ACGIH
		TWA (Respirable particulate matter)	3 mg/m3	ACGIH

Engineering measures : Please take care on national and local requirements.

Personal protective equipment

Respiratory protection : Not necessary if room is well-ventilated.

Hand protection
Material : Nitrile rubber
Remarks : The glove material has to be impermeable and resistant to the product/the substance/the preparation. The exact break through time can be obtained from the protective glove producer and this has to be observed.

Eye protection	:	Safety glasses
Skin and body protection	:	Protective clothing
Protective measures	:	Avoid contact with the eyes and skin. Wash hands before breaks and immediately after handling the product.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	liquid
Color	:	dark gray
Odor	:	Neutral
Odor Threshold	:	is not determined
pH	:	Not applicable
Melting point/freezing point	:	is not determined
Boiling point/boiling range	:	is not determined
Evaporation rate	:	is not determined
Flammability (solid, gas)	:	Not classified as a flammability hazard
Upper explosion limit	:	Upper flammability limit is not determined
Lower explosion limit	:	Lower flammability limit is not determined
Vapor pressure	:	is not determined
Relative vapor density	:	is not determined
Density	:	1.15 g/cm³
Solubility(ies)		
Water solubility	:	not miscible or difficult to mix
Partition coefficient: n-octanol/water	:	no data available
Autoignition temperature	:	not self-igniting
Thermal decomposition	:	Not applicable
Explosive properties	:	Not explosive

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No further relevant information available.
Chemical stability	:	No decomposition if used according to the specifications.
Possibility of hazardous	:	None known.

reactions
Conditions to avoid : No further relevant information available.

Incompatible materials : No further relevant information available.

Hazardous decomposition products : No hazardous decomposition products are known.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute oral toxicity :
Remarks: Based on available data, the classification criteria are not met.

Acute toxicity estimate : > 5,000 mg/kg
Method: Calculation method

Acute inhalation toxicity : Remarks: Based on available data, the classification criteria are not met.

Acute dermal toxicity :
Remarks: Based on available data, the classification criteria are not met.

Components:

triphenyl phosphate:
Acute oral toxicity : LD50 Oral Rat: 3,500 mg/kg

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

STOT-single exposure

No data available

STOT-repeated exposure

No data available

Aspiration toxicity

No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:
triphenyl phosphate :

Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): 0.28 - 0.5 mg/l Exposure time: 96 h Test Method: static test
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 0.86 - 1.2 mg/l Exposure time: 48 h Test Method: static test
Toxicity to algae	:	EC50 (Pseudokirchneriella subcapitata (microalgae)): 0.6 - 4 mg/l Exposure time: 96 h Test Type: static test

Persistence and degradability

No data available
Bioaccumulative potential

Mobility in soil

Product:

Mobility	:	Medium: Soil Remarks: Do not allow product to reach ground water, water bodies or sewage system.

Other adverse effects

No data available

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SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues	:	Do not dispose of with domestic refuse. Do not dispose of waste into sewer. Hand over to disposers of hazardous waste. Can be deposited with household garbage after solidification following consultation with the operator of the waste disposal facility and the pertinent authorities and under adherence to the necessary technical regulations. The generation of waste should be avoided or minimized wherever possible. Incinerate under controlled conditions in accordance with all local and national laws and regulations. Disposal must be made according to official regulations.
Contaminated packaging	:	Disposal must be made according to official regulations.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG
Not regulated as a dangerous good

IATA-DGR
Not regulated as a dangerous good

IMDG-Code
Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable for product as supplied.

Domestic regulation

49 CFR
Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

SARA 311/312 Hazards	:	No SARA Hazards
SARA 302	:	This material does not contain any components with a section 302 EHS TPQ.

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SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:

zinc distearate 557-05-1

Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

US State Regulations

California Prop 65 Please contact Supplier for more information.

The ingredients of this product are reported in the following inventories:

TSCA All substances listed as active on the TSCA inventory

KECI On the inventory, or in compliance with the inventory

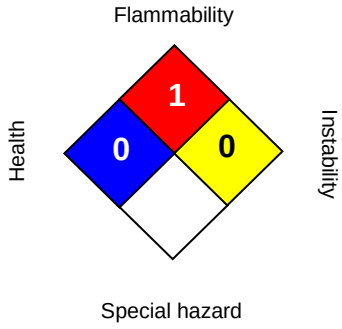
Inventories LegendTSCA (USA), DSL (Canada), REACH(Europe), AIIC (Australia), NZIoC (New Zealand), ENCS (Japan), KECI (Korea), PICCS (Philippines), IECSC (China), TWINV (Taiwan)

SECTION 16. OTHER INFORMATION

Prepared by: Global Regulatory Department
EU-MSDS@hbfuller.com

Further information

NFPA:



HMIS III:

HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

This material safety datasheet only contains information relating to safety and does not replace any product information or product specification.

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