

SAFETY DATA SHEET.

Issuing date 20-Jan-2015

Number

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Version 1.03

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

<u>Product identifier</u> Product name	80-931 ULTRA RUBBERIZED UNDERCOAT
Recommended use of the chemical and restrictions on use	
Product code	F00481
<u>Product Type</u> Synonyms	Extremely flammable aerosol None
Supplier's details	
Recommended Use Uses advised against	Rubberized Undercoat. No information available
Manufactured For: Kimball Midwest 4800 Roberts Rd. Columbus, OH 43228	
Emergency telephone number Chemical Emergency Phone Number	Chemtrec 1-800-424-9300
Company Emergency Phone	800-233-1294

2. HAZARDS IDENTIFICATION

Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Carcinogenicity	Category 2
Reproductive Toxicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2
Aspiration toxicity	Category 1
Flammable aerosols	Category 1
Gases under pressure	Compressed Gas

GHS Label elements, including precautionary statements

DANGER

Emergency Overview

Hazard Statements

Causes skin irritation Causes serious eye irritation Suspected of causing cancer Suspected of damaging fertility or the unborn child May cause drowsiness or dizziness May cause damage to organs (central nervous system, lungs, and respiratory system) through prolonged or repeated exposure. May be fatal if swallowed and enters airways Extremely flammable aerosol Contains gas under pressure; may explode if heated



Appearance opaque

Physical state Aerosol

Odor Solvent

Precautionary Statements - Prevention

Obtain special instructions before use Do not handle until all safety precautions have been read and understood Wear protective gloves/eye protection/face protection. Wash hands thoroughly after handling Do not breathe dust/fume/gas/mist/vapors/spray Use only outdoors or in a well-ventilated area Keep away from heat/sparks/open flames/hot surfaces. — No smoking Do not spray on an open flame or other ignition source Pressurized container: Do not pierce or burn, even after use

Precautionary Statements - Response

If exposed or concerned: Get medical advice/attention

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation occurs: Get medical advice/attention

Take off contaminated clothing and wash before reuse

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Do NOT induce vomiting

Precautionary Statements - Storage

Store locked up

Protect from sunlight. Store in a well-ventilated place Do not expose to temperatures exceeding 122°F (50°C) Keep container tightly closed.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

None

Other information

· Toxic to aquatic life with long lasting effects

0.18376% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %*
CALCIUM CARBONATE	1317-65-3	30-40
PROPANE/ISOBUTANE/N-BUTANE	68476-86-8	10-20
PETROLEUM DISTILLATES	64742-89-8	1-10
TOLUENE	108-88-3	1-10
METHYL ACETATE	79-20-9	1-10
SOLVENT NAPHTHA	64742-94-5	0.21203
XYLENE	1330-20-7	0.20496
CARBON BLACK	1333-86-4	0.1-1.0

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures for different exposure routes			
General advice	Avoid contact with eyes, and clothing.Avoid breathing, vapors, mist, or gas.		
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.		
Skin contact	Wash off immediately with plenty of water. Get medical attention immediately if symptoms occur.		
Inhalation	Move to fresh air. If not breathing, give artificial respiration. If breathing has stopped, contact emergency medical services immediately.		
Ingestion	Do NOT induce vomiting. Call a physician immediately. Never give anything by mouth to an unconscious person. Risk of product entering the lungs on vomiting after ingestion.		
Most important symptoms/effects	acute and delayed		

Most important symptoms/effects, acute and delayed

Main Symptoms May cause skin irritation. Causes skin irritation. May cause respiratory irritation. Harmful if swallowed. Inhalation causing Central Nervous System effects. ingestion causing lung damage.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

water fog. Dry chemical. Carbon dioxide (CO2). Cool containers / tanks with water spray.

Unsuitable Extinguishing Media Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical

Flammable or extremely flammable aerosol. Container may burst in fire.

Explosion Data Sensitivity to Mechanical Impact none. Sensitivity to Static Discharge Yes.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use shielding to protect fire-fighters from bursting containers.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	Use with adequate ventiliation to keep the exposure levels below the OELS.		
Environmental precautions			
Environmental precautions	Report spills as required by local and federal regulations. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.		
Methods and materials for containment and cleaning up			
Methods for Containment	Prevent further leakage or spillage if safe to do so.		
Methods for cleaning up	Contain liquid and collect with an inter, non-combustible material.		
	7. HANDLING AND STORAGE		

Precautions for safe handling

Advice on safe handling Avoid contact with eyes. Avoid breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans. Do not stick pin or any other sharp object into opening on top of can. Avoid skin contact. Use with adequate ventiliation. Keep container away from heat, flames, and all other sources of ignition. Keep can away from all sources of electricity such as electric motors and batteries. Do not spray on hot surfaces.

Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions	Keep containers tightly closed in a dry, cool and well-ventilated place.
Incompatible products	Store away from strong oxidizers and acids.
Aerosol Level	2

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
CALCIUM CARBONATE 1317-65-3	-	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 15 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction	TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust
PROPANE/ISOBUTANE/N-BUTANE 68476-86-8	74-98-6: TWA: 1000 ppm 106-97-8: STEL: 1000 ppm 75-28-5: STEL: 1000 ppm	74-98-6:TWA: 1000 ppm TWA: 1800 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m ³ 106-97-8: (vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m ³	74-98-6:IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m ³ 106-97-8:TWA: 800 ppm TWA: 1900 mg/m ³ 75-28-5:TWA: 800 ppm TWA: 1900 mg/m ³
TOLUENE 108-88-3	TWA: 20 ppm	TWA: 200 ppm (vacated) TWA: 100 ppm (vacated) TWA: 375 mg/m ³ (vacated) STEL: 150 ppm (vacated) STEL: 560 mg/m ³ Ceiling: 300 ppm	IDLH: 500 ppm TWA: 100 ppm TWA: 375 mg/m ³ STEL: 150 ppm STEL: 560 mg/m ³
METHYL ACETATE 79-20-9	STEL: 250 ppm TWA: 200 ppm	TWA: 200 ppm TWA: 610 mg/m ³ (vacated) TWA: 200 ppm (vacated) TWA: 610 mg/m ³ (vacated) STEL: 250 ppm (vacated) STEL: 760 mg/m ³	IDLH: 3100 ppm TWA: 200 ppm TWA: 610 mg/m ³ STEL: 250 ppm STEL: 760 mg/m ³
XYLENE 1330-20-7	STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 435 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m ³ (vacated) STEL: 150 ppm (vacated) STEL: 655 mg/m ³	-
CARBON BLACK 1333-86-4	TWA: 3 mg/m ³ inhalable fraction	TWA: 3.5 mg/m³ (vacated) TWA: 3.5 mg/m³	IDLH: 1750 mg/m ³ TWA: 3.5 mg/m ³ TWA: 0.1 mg/m ³ Carbon black in presence of Polycyclic aromatic hydrocarbons PAH

ACGIH: (American Conference of Governmental Industrial Hygienists) OSHA: (Occupational Safety & Health Administration) NIOSH IDLH: Immediately Dangerous to Life or Health

Other Exposure GuidelinesVacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962
(11th Cir., 1992).

Exposure controls

Engineering Measures Ventilation systems. Use adequate ventilation to keep the exposure levels below the OELs.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Safety glasses with side-shields.

Skin and body protection Chemical resistant apron. Protective gloves.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical properties

Physical state	Aerosol			
Appearance	opaque	Odor	Solvent	
Color	black Odor Threshold No		No information available	
Property	Values	Remarks • Methods		
рН	No information available			
Melting/freezing point	No information available			
Boiling point/boiling range	No information available			
Flash Point	-104.4 °C / -156 °F	Based on propellant		
Evaporation rate	No information available			
Flammability (solid, gas)	No information available			
Flammability Limits in Air				
upper flammability limit	No information available			
lower flammability limit	No information available			
Vapor pressure	No information available			
Vapor density	No information available			
Specific Gravity	1.174			
Water solubility	Practically insoluble			
Partition coefficient: n-octanol/wat	erNo information available			
Autoignition temperature	No information available			
Decomposition temperature	No information available			
Viscosity	No information available			
Explosive properties	No information available			
Other information				
VOC Content(%)	39.92			
10. STABILITY AND REACTIVITY				

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to Avoid

Extremes of temperature and direct sunlight.

Incompatible Materials

Store away from strong oxidizers and acids.

Hazardous Decomposition Products

Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Product does not present an acute toxicity hazard based on known information

Inhalation	Exposure to high vapour concentrations may cause nervous systems effects such as headache, nausea, and dizziness.
Eye contact	May cause slight irritation.
Skin contact	Irritating to skin. Prolonged skin contact may defat the skin and produce dermatitis.
Ingestion	Not acutely toxic. Aspiration into the lungs during swallowing may cause serious lung damage which may be fatal.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
PETROLEUM DISTILLATES 64742-89-8	-	= 3000 mg/kg (Rabbit)	-
TOLUENE 108-88-3	= 2600 mg/kg(Rat)	= 12000 mg/kg (Rabbit)	= 12.5 mg/L (Rat)4 h
METHYL ACETATE 79-20-9	> 5000 mg/kg (Rat)	> 5 g/kg (Rabbit)	= 16000 ppm (Rat)4 h
SOLVENT NAPHTHA 64742-94-5	> 5000 mg/kg (Rat)	> 2 mL/kg (Rabbit)	> 590 mg/m³(Rat)4 h
XYLENE 1330-20-7	= 3500 mg/kg(Rat)	> 4350 mg/kg (Rabbit)	= 29.08 mg/L (Rat)4 h

Information on toxicological effects

Symptoms

Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting . Irritating to skin. Prolonged or repeated exposure may cause dermatitis. Contact with eyes may cause irritation. Not acutely toxic. Aspiration into the lungs during swallowing may cause serious lung damage which may be fatal.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Eye damage/irritation Sensitization Germ Cell Mutagenicity Carcinogenicity Irritating to skin. Irritating to eyes. No information available. No information available. The table below indicates whether each agency has evaluated a listed ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
TOLUENE	-	Group 3	-	-
108-88-3				
XYLENE	-	Group 3	-	-
1330-20-7				
CARBON BLACK	A3	Group 2B	-	Х
1333-86-4				

ACGIH: (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

A2 - Suspected Human Carcinogen

IARC: (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

Group 1 - Carcinogenic to Humans

OSHA: (Occupational Safety & Health Administration)

X - Present

Reproductive toxicitySSpecific target organ systemicMtoxicity (single exposure)Specific target organ systemicCtoxicity (repeated exposure)C

Chronic toxicity

Suspected of damaging fertility or the unborn child. May cause drowsiness and dizziness.

Causes damage to organs through prolonged or repeated exposure.

Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Chronic hydrocarbon abuse has been associated with irregular heart rhythms and potential cardiac arrest. Prolonged skin contact may defat the skin and produce dermatitis. May cause adverse liver effects.

Target Organ Effects

Central nervous system, Eyes, Kidney, Liver, Respiratory system, Skin.

Aspiration hazard

May be fatal if swallowed and enters airways.

Numerical measures of toxicity - Product Information

Unknown Acute Toxicity0.18376% of the mixture consists of ingredient(s) of unknown toxicityThe following values are calculatedbased on chapter 3.1 of the GHS document .ATEmix (oral)15501 mg/kgATEmix (dermal)13109 mg/kgATEmix (inhalation-dust/mist)120.6 mg/lATEmix (inhalation-vapor)286201 mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
PROPANE/ISOBUTANE/N- BUTANE 68476-86-8	-	-	-	-
PETROLEUM DISTILLATES 64742-89-8	4700 mg/L EC50 Pseudokirchneriella subcapitata 72h	-	-	-
TOLUENE 108-88-3	433 mg/L EC50 Pseudokirchneriella subcapitata 96h 12.5 mg/L EC50 Pseudokirchneriella subcapitata 72h static	11.0 - 15.0 mg/L LC50 Lepomis macrochirus 96h static 14.1 - 17.16 mg/L LC50 Oncorhynchus mykiss 96h static 15.22 - 19.05 mg/L LC50 Pimephales promelas 96h flow-through 5.89 - 7.81 mg/L LC50 Oncorhynchus mykiss 96h flow-through 50.87 - 70.34 mg/L LC50 Poecilia reticulata 96h static 12.6 mg/L LC50 Pimephales promelas 96h static 28.2 mg/L LC50 Poecilia reticulata 96h semi-static 5.8 mg/L LC50 Oncorhynchus mykiss 96h semi-static 54 mg/L LC50 Oryzias latipes 96h static	-	5.46 - 9.83 mg/L EC50 Daphnia magna 48h Static 11.5 mg/L EC50 Daphnia magna 48h
METHYL ACETATE 79-20-9	120 mg/L EC50 Desmodesmus subspicatus 72h	250 - 350 mg/L LC50 Brachydanio rerio 96h static 295 - 348 mg/L LC50 Pimephales promelas 96h flow-through	-	1026.7 mg/L EC50 Daphnia magna 48h
SOLVENT NAPHTHA 64742-94-5	-	1740 mg/L LC50 Lepomis macrochirus 96h static 19 mg/L LC50 Pimephales promelas 96h static 2.34 mg/L LC50 Oncorhynchus mykiss 96h 41 mg/L LC50 Pimephales promelas 96h 45 mg/L LC50 Pimephales promelas 96h flow-through	-	0.95 mg/L EC50 Daphnia magna 48h

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XYLENE	- 13.1 - 16.5 mg/L LC50	-	0.6 mg/L LC50 Gammarus
1330-20-7	Lepomis macrochirus 96h		lacustris 48h 3.82 mg/L
	flow-through 13.5 - 17.3		EC50 water flea 48h
	mg/L LC50 Oncorhynchus		
	mykiss 96h 2.661 - 4.093		
	mg/L LC50 Oncorhynchus		
	mykiss 96h static 23.53 -		
	29.97 mg/L LC50		
	Pimephales promelas 96h		
	static 30.26 - 40.75 mg/L		
	LC50 Poecilia reticulata 96h		
	static 7.711 - 9.591 mg/L		
	LC50 Lepomis macrochirus		
	96h static 13.4 mg/L LC50		
	Pimephales promelas 96h		
	flow-through 19 mg/L LC50		
	Lepomis macrochirus 96h		
	780 mg/L LC50 Cyprinus		
	carpio 96h semi-static 780		
	mg/L LC50 Cyprinus carpio		
	96h		

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Chemical Name	log Pow	
PROPANE/ISOBUTANE/N-BUTANE 68476-86-8	2.8	
TOLUENE 108-88-3	2.65	
METHYL ACETATE 79-20-9	0.18	
SOLVENT NAPHTHA 64742-94-5	6.1	
XYLENE 1330-20-7	3.15	

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods	Dispose of in accordance with federal, state, and local regulations.

Contaminated packaging Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT Ground

CONSUMER COMMODITY ORM-D or LIMITED QUANTITY

ΙΑΤΑ

UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD. QTY.

UN1950, AEROSOLS, 2.1, LTD. QTY.

15. REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
CALCIUM CARBONATE	х	X	Х	Х	Х	Х	X	Х
PROPANE/ISOBUTA NE/N-BUTANE	х	X	Х	Not listed	Х	Х	X	Х
PETROLEUM DISTILLATES	Х	X	Х	Not listed	Х	Х	X	Х
TOLUENE	Х	Х	Х	Х	Х	Х	Х	Х
METHYL ACETATE	Х	Х	Х	Х	Х	Х	Х	Х
SOLVENT NAPHTHA	Х	Х	Х	Х	Х	Х	Х	Х
XYLENE	Х	Х	Х	Х	Х	Х	Х	Х
CARBON BLACK	Х	Х	X	Х	Х	Х	Х	Х

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

CHINA - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %*	SARA 313 - Threshold Values %
TOLUENE - 108-88-3	108-88-3	1-10	1.0
XYLENE - 1330-20-7	1330-20-7	0.20496	1.0
SARA 311/312 Hazard Categories			
Acute Health Hazard	Yes		
Chronic Health Hazard	Yes		
Fire Hazard	Yes		
Sudden Release of Pressure Hazard	Yes		

no

Clean Water Act

Reactive Hazard

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
TOLUENE	1000 lb	Х	Х	Х
108-88-3				
XYLENE	100 lb			Х
1330-20-7				

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
TOLUENE 108-88-3	1000 lb 1 lb		RQ 1000 lb final RQ RQ 454 kg final RQ RQ 1 lb final RQ RQ 0.454 kg final RQ
XYLENE 1330-20-7	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ

U.S. State Regulations

<u>California Proposition 65</u> This product contains the following Proposition 65 chemicals:

Chemical Name	California Prop. 65
TOLUENE - 108-88-3	Developmental
	Female Reproductive
METHANOL - 67-56-1	Carcinogen
CARBON BLACK - 1333-86-4	Carcinogen

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
CALCIUM CARBONATE 1317-65-3	Х	Х	Х
PETROLEUM DISTILLATES 64742-89-8			Х
TOLUENE 108-88-3	Х	Х	Х
METHYL ACETATE 79-20-9	Х	Х	Х
XYLENE 1330-20-7	Х	X	Х
CARBON BLACK 1333-86-4	Х	X	Х

EPA Pesticide Registration Number Not applicable

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION					
NFPA	Health Hazard 2	Flammability 4	Instability 0	Physical and chemical hazards	
HMIS	Health Hazard 2	Flammability 4	Physical Hazard 1	Personal protection B	
Prepared By Issuing date Revision Date Revision Note (M)SDS sections updated	20-Jan-2 20-Jan-2				

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet