

SAFETY DATA SHEET

White Commercial Roof Coating, S.B.

Issuing date: 2 Dec, 2022

Version 1

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND THE COMPANY UNDERSTANDING:

Product name: White Commercial Roof Coating, S.B.

**Recommended use of the chemical
and restrictions on use**

Product code 1701-F

Product Type Flammable
Synonyms none

Recommended use Roof Coating

Uses advised against coating some plastics, rubbers, vinyls

Suppliers details Hercules Products, Inc.
6596 New Peachtree Rd.
Doraville, GA 30340
770-455-6531

Emergency telephone number 770-595-3601

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

GHS Label elements, including
Precautionary statements

DANGER

Hazard Statements

Causes skin irritation.

Causes serious eye irritation.

Suspected of causing cancer.

Suspected of damaging fertility or the unborn child.

May cause respiratory irritation. May cause drowsiness or dizziness.

May cause damage to organs (Central Nervous System, Eyes, Kidneys, Liver, Respiratory System, and Skin) 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: White

Physical state: Liquid

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, protective clothing, eye protection, face protection.

Wash face, hands and any exposed skin thoroughly after handling.

Do not breathe dust, fumes, gas, mist, vapors, spray.

Use only outdoors or in a well ventilated area.

Keep away from heat, sparks, open flames, hot surfaces - No smoking.

Precautionary Statements - Response

If exposed or concerned: Call a poison center or doctor.

Specific treatment (see first aid on this label).

IF IN EYES: Wash with plenty of soap and 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 it 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, doctor, physician.
Do not induce vomiting.

Precautionary Statements - Storage

Store locked up.
Store in a well ventilated place. Keep container tightly closed.
Protect from sunlight. Do not expose to temperatures exceeding 50 deg. C /122 deg. F.

Precautionary Statements - Disposal

Dispose of contents, container to an approved waste disposal plant.

Hazards not otherwise classified (HNOC)

None

Other information

0% of the mixture consists of ingredients of unknown toxicity.

3. COMPOSITION / INFORMATION OF INGREDIENTS:

Chemical Name	CAS No.
N-Heptane	142-82-5
Acetone	67-64-1
Toluene	108-88-3
142 Flash Solvent	64742-47-8
Calcium carbonate	471-34-1
Titanium Dioxide	13463-67-7
Polymers - SEBS	

*The exact percentage 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, skin, and clothing. Avoid breathing vapors, mist or gas.
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Eye contact	Immediately flush with plenty of water for at least 15 minutes. After initial flushing, remove any contact lenses and continue flushing. If eye irritation persists, consult a doctor.
Skin contact	Wash off with soap and plenty of water. Remove and wash contaminated clothing before re-use. If skin irritation persists, call a physician.
Inhalation	Move to fresh air. If not breathing, give artificial respiration. If breathing has stopped, contact emergency medical services immediately.
Ingestion	Call a physician or Poison Control Center immediately. Do Not induce vomiting. Never give anything by mouth to an unconscious person. Risk of product entering the lungs on vomiting after ingestion.

Protection of First-aiders Remove all sources of ignition.

Most important symptoms / effects, acute and delayed

Main Symptoms Causes skin and 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 through prolonged or repeated exposure. May be fatal if swallowed and enters airways.

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. Foam. 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. Keep away sources of ignition - No smoking.

Specific hazards arising from the chemical

Extremely flammable / Flammable. Keep product and empty container away from heat and sources of ignition. In the event of fire cool tanks with water spray.

Hazardous combustion Products	Acrid smoke / fumes. Carbon oxides, Hydrocarbons, Fumes. Sulfur oxides.
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Explosion Data:

Sensitivity to Mechanical Impact	none
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Sensitivity to Static Discharge	Yes
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Protective Equipment and Precautions for Firefighters

In the event of fire / or explosion do not breathe fumes. 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 ventilation to keep the exposure levels below the OELS. Follow safe handling advice and personal protective equipment recommendations.
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Environmental precautions

Environmental precautions	Vapors can accumulate in low areas. Report spills as required by local and federal regulations. Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system. Should not be released into the environment.
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Methods and materials for containment and cleaning up

Methods for Containment	Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains.
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Methods for cleaning up	Soak up with inert absorbent material. Contain liquid and collect with a non-combustible material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. After cleaning, flush away traces with water. Prevent product from entering drains. Take precautionary measures against static discharges.
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7. HANDLING AND STORAGE:

Precautions for safe handling

Advice on safe handling Avoid breathing vapors or mists. Avoid contact with skin, eyes and clothing. Keep away from open flames, hot surfaces and sources of ignition. Contents under pressure. Do not puncture or incinerate cans. Handle in accordance with good industrial hygiene and safety practice. Take precautionary measures against static discharges.

Conditions for safe storage, including any incompatibilities

**Technical measures /
Storage conditions** Keep container tightly closed and dry and well ventilated place. Keep away from open flames, hot surfaces, and sources of ignition. Keep in properly labeled containers. Keep out of the reach of children. Store locked up.

Incompatible products Strong acids, alkalis, oxidizing agents.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Control Parameters

Exposure Guidelines

Use local exhaust where vaporization may occur. Normally general ventilation is adequate. Wear safety glasses, impervious gloves and long sleeve clothing.

Chemical Name	CAS #	ACIG TLV-TWA	ACIG TLV-STEL	OSHA PEL-TWA	OSHA PEL CEILING
N-Heptane	142-82-5	400 ppm	500 ppm	500 ppm	NE
Acetone	67-64-1	250 ppm	500 ppm	1000 ppm	NE
Titanium Dioxide	13463-67-7	.2 mg/m3	NE	15 mg/m3	NE
Toluene	108-88-3	20 ppm		200 ppm	IDLH 500 ppm TWA 100 ppm STEL 150 ppm

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical properties

Physical state	Liquid		
Appearance	Opaque	Odor	Solvent
Color	White	Odor Threshold	

<u>Property</u>	<u>Values</u>	<u>Remarks – Methods</u>
pH		
Melting/freezing point		
Boiling point/boiling range		
Flash Point	-96.4 deg.C/-141 deg. F.	
Evaporation rate		
Flammability (solid, gas)		
Flammability limits in air		
Upper flammability limit		
Lower flammability limit		
Vapor pressure		
Vapor density		
Specific gravity		
Water solubility	Insoluble in water	
Partition coefficient: n-octanol/water		
Autoignition temperature		
Decomposition temperature		
Viscosity		
Explosive properties		

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under normal recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Incompatible Materials

Strong acids, alkalis, oxidizing agents

Hazardous Decomposition Products

Carbon oxides, Hydrocarbons, Fumes.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	May cause respiratory irritation. May cause drowsiness or dizziness.
Eye contact	Causes serious eye irritation.
Skin contact	Causes skin irritation.
Ingestion	May be fatal if swallowed and enters airways.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
N-Heptane		=3000 mg/kg (rabbit)	=103 g.m3 (rat) 4 h
Acetone	=5800 mg.kg (rat)	15700 mg/kg (rabbit)	=50100 mg/m3 (rat) 8 h
Toluene	=2600 mg/m3 (rat)	=12000 mg/kg (rabbit)	=12.5 mg/l (rat) 4 h

Information on Toxicological effects

Symptoms	Causes skin and serious eye irritation. Suspected of causing cancer. Suspected of damaging fertility or the unborn child. May cause drowsiness or dizziness. May cause respiratory irritation. May cause damage to organs (listed below) through prolonged or repeated exposure. May be fatal if swallowed and enters airways.
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Delayed and immediate effects as well as chronic effects from short and long- term exposure

Skin corrosion / irritation	Irritating to skin.
Eye damage / irritation	Irritating to eyes.
Sensitization	Not known sensitizer.
Germ cell mutagenicity	Not a germ mutagen.
Carcinogenicity	
Reproductive toxicity	Product is or contains a chemical which is known or suspected reproductive hazard.
Specific target organ systemic toxicity (single exposure)	May cause respiratory irritation. May cause drowsiness or dizziness.
Specific target organ systemic toxicity (repeated exposure)	May cause damage to Target Organs listed below through prolonged or repeated exposure.

Chronic toxicity	May cause adverse liver effects. 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.
Target Organ effects	Eyes, skin, liver, Respiratory System, Central Nervous System.
Neurological effects	Intentional misuse by deliberately concentrating and inhaling May be harmful or fatal.
Aspiration hazard	May be fatal if swallowed and enters airways.

Numerical measures of toxicity – Product Information

Unknown Acute Toxicity 0% of the mixture consists of ingredients of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	24161 mg/kg
ATEmix (dermal)	14904 mg/kg
ATEmix (inhalation-gas)	87069 mg/l
ATEmix (inhalation-dust/mist)	68.2 mg/l
ATEmix (inhalation-vapor)	637 mg/l

12. ECOLOGICAL INFORMATION

Eco-toxicity

Toxic to aquatic life with long lasting effects.

This product is not biodegradable. Can contaminate soil.

13. DISPOSAL CONSIDERATIONS

Waste treatment

Waste Disposal Methods	This material is a hazardous waste according to federal regulations (40 CFR 261). Dispose of in accordance with federal, state and local regulations. Dispose of in accordance with local regulations.
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Pressurized container: Do not pierce or burn even after use. Do not re-use empty containers.

14. TRANSPORTATION INFORMATION

DOT Ground	UN 1263, Paint, 3
IATA	UN 1263, Paint, 3
IMDG	UN 1263, Paint, 3

15. REGULATORY INFORMATION

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does contain 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 %	SRA 313 Threshold Values %
Toluene	108-88-3	10-20	1.0

SARA 311/313 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Star Hazard	Yes
Fire Hazard	Yes
Sudden Release Pressure Hazard	Yes
Reactive Hazard	No

Clean Water Act

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

Toluene
108-88-3

CERCLA

This material, as supplied, does contain substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) 40 CFR 302).

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals.

Toluene 108-88-3

N-Heptane 142-82-5

Acetone 67-64-1

142 Flash Solvent 64742-47-8



This product can expose you to chemicals including those listed below, which are known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to WWW.P65Warnings.ca.gov.

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 SDS contains all the information required by the CPR.

16. OTHER INFORMATION

NFPA	Health Hazard	2	Flammability	3	Instability	0	Physical and chemical Hazards –
HMIS	Health Hazard	2	Flammability	3	Physical Hazard	1	Personal Protection B

Prepared By Hercules Products, Inc.
6596 New Peachtree Rd.
Doraville, GA 30340

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 designated 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

