SAFETY DATA SHEET

Clear Rubberized Coating Aerosol

Issuing date: 2 Dec, 2022 Version 1

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

<u>Product name:</u> Clear Rubberized Coating-Aerosol

Recommended use of the chemical

and restrictions on use

Product code 1699

<u>Product Type</u> Extremely Flammable Aerosol

Synonyms none

Recommended use sealant

Uses advised against coating some plastics, rubbers, vinyls

<u>Suppliers details</u> Hercules Products, Inc.

6596 New Peachtree Rd. Doraville, GA 30340

770-303-0878

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

Flammable Aerosols Gasses under pressure Category 1
Compressed Gas

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: Clear 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, 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.

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: 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
Propane	74-98-6
Acetone	67-64-1
142 Flash Solvent	64742-47-8
Toluene	108-88-3

^{*}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.

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 induct

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 an 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 Acrid smoke / fumes. Carbon oxides, Hydrocarbons, Fumes.

Products Sulfur oxides.

Explosion Data:

Sensitivity to Mechanical Impact none
Sensitivity to Static Discharge Yes

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 precautionsUse with adequate ventilation to keep the exposure levels below

the OELS. Follow safe handling advice and personal protective

equipment recommendations.

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.

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.

Methods for cleaning up

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.

7. HANDLING AND STORAGE:

Precautions for safe handling

Advice on safe handling Avoid breat

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 / Keep container tightly closed and dry and well ventilated place.

Storage conditions 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.

Aerosol Level 3

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.

8 Hr TWA STEL

Chemical Name CAS No. PEL TLV PEL TLV

Propane 74-98-6 1000 ppm

Toluene 108-88-3 200 ppm 20 ppm

N-Heptane 142-82-5 Acetone 67-64-1 142 Flash Solvent 64742-47-8

9. PHYSICAL AND CHENICAL PROPERTIES

Physical and chemical properties

Physical state Aerosol

Appearance Clear Odor Solvent

Color Clear Odor Threshold

<u>Property</u> <u>Values</u> <u>Remarks – Methods</u>

рΗ

Melting/freezing point Boiling point/boiling range

Flash Point -96.4 deg.C/-141 deg. F.

Evaporation rate

Flammability (solid, gas) extremely flammable (propane)

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 Toxiclogical 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.

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

Skin corrosion / irritationIrritating to skin.Eye damage / irritationIrritating to eyes.SensitizationNot known sensitizer.

Germ cell mutagenicity

Carcinogenicity

Not a germ mutagen.

Reproductive toxicity Product is or contains a chemical which is known or

suspected reproductive hazard.

Specific target organ systemic

May cause respiratory irritation. May cause drowsiness or

toxicity (single exposure)

dizziness.

Specific target organ systemic

May cause damage to Target Organs listed below through

toxicity (repeated exposure)

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 Neurological effects

Eyes, skin, liver, Respiratory System, Central Nervous System. 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.

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 1950, Aerosol, Flammable, 2.1, Ltd Qty

IATA UN 1950 Aerosol, Flammable, 2.1, Ltd Qty

IMDG UN 1950, Aerosol, Flammable, 2.1, Ltd Qty

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 Haz	ard Categories		
Acute Health Hazard		zard Yes	
Chronic Health S	tar 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).

Chemical Name

Toluene

108-88-3

CERCLA

This material, as supplied, does not 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 Propane 74-98-6

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 NumberNot 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 4 Instability 0 Physical and chemical

Hazards –

HMIS Health Hazard 2 Flammability 4 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