

Safety Data Sheet

Product identifier used on the label: **MAG 1 RUBBERIZED UNDERCOATING**

Stock Number: MG740432

Revision Date: 06-06-2017

Replaces:

1. Identification

Product identifier used on the label:

MAG 1 RUBBERIZED UNDERCOATING

Stock Number:

MG740432

Other means of identification:

Synonyms:

No data available

Recommended use of the chemical and restrictions on use:

Recommended use:

Lubricants and performance fluids for the automotive industry

Restrictions on use:

Uses other than those described above

Name, address, and telephone number
of the chemical manufacturer,
importer, or other responsible party:

Warren Distribution, Inc.

727 S. 13th Street

Omaha, NE 68102

Phone number:

+01 (800) 825-1235

+01 (402) 341-9397

E-mail address:

sds@wd-wpp.com

Emergency phone number:

CHEMTREC: +1 (800) 424-9300 International: +01 (703) 527-3887

2. Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200:

GHS Hazard
Symbols:



GHS Classification:

Germ Cell Mutagenicity Category 1B

Carcinogenicity Category 1B

Reproductive Toxicity Category 2

Specific Target Organ Systemic Toxicity (STOT) - Repeated Exposure
Category 2

Acute Toxicity - Inhalation Vapor Category 3

Hazardous to the aquatic environment - Acute Category 3

Hazardous to the aquatic environment - Chronic Category 3

Signal Word:

Danger

Hazard Statements:

Toxic if inhaled; May cause genetic defects.; May cause cancer.;

Suspected of damaging fertility or the unborn child.; May cause damage

Safety Data Sheet

Product identifier used on the label: MAG 1 RUBBERIZED UNDERCOATING

Stock Number: MG740432

Revision Date: 06-06-2017

Replaces:

to organs through prolonged or repeated exposure; Harmful to aquatic life; Harmful to aquatic life with long lasting effects

Precautionary Statements:

Prevention:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response:

If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor. Specific treatment (see Sections 4 - 8 of Safety Data Sheet).

Storage:

Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Disposal:

Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards not otherwise classified:

No data available

% unknown toxicity (Oral):

30 % of the mixture consists of ingredient(s) of unknown toxicity.

% unknown toxicity (Dermal):

55 % of the mixture consists of ingredient(s) of unknown toxicity.

% unknown toxicity (Inhalation Gas):

80 % of the mixture consists of ingredient(s) of unknown toxicity.

% unknown toxicity (Inhalation Dust):

80 % of the mixture consists of ingredient(s) of unknown toxicity.

3. Composition/information on ingredients

Chemical Name	Common name and synonyms	CAS #	%
Liquified petroleum gas	No data available	68476-85-7	10 - 30
Solvent naphtha (petroleum) medium aliphatic	No data available	64742-88-7	10 - 30
n-Hexane	No data available	110-54-3	1 - 5

One or more hazardous ingredient(s) is claimed as a trade secret under the OSHA Hazard Communication Standard. The hazards of this (these) ingredient(s) are given on this SDS.

4. First-aid measures

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

Inhalation:

If inhaled: Remove person to fresh air and keep comfortable for

Safety Data Sheet

Product identifier used on the label: MAG 1 RUBBERIZED UNDERCOATING

Stock Number: MG740432

Revision Date: 06-06-2017

Replaces:

	breathing.
Eye Contact:	Immediately flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention and monitor the eye daily as advised by your physician.
Skin Contact:	Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.
Ingestion:	Do not induce vomiting and seek medical attention immediately. Provide medical care provider with this SDS.
Most important symptoms/effects, acute and delayed:	Toxic if inhaled May cause damage to organs through prolonged or repeated exposure
Indication of immediate medical attention and special treatment needed, if necessary:	Call a poison center/doctor/... Specific treatment (see Sections 4 - 8 of Safety Data Sheet).

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media:	Use alcohol resistant foam, carbon dioxide, or dry chemical extinguishing agents. Water spray or fog may also be effective for extinguishing if swept across the base of the fire. Water can also be used to absorb heat and keep exposed material from being damaged by fire.
Unsuitable extinguishing media:	No data available
Specific hazards arising from the chemical:	No data available
Hazardous combustion products:	Carbon dioxide, Carbon monoxide
Special protective equipment and precautions for fire-fighters:	No data available

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:	Avoid release to the environment.
Methods and materials for containment and cleaning up:	Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section 8 at a

Safety Data Sheet

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Stock Number: MG740432

Revision Date: 06-06-2017

Replaces:

minimum. Dike with suitable absorbent material like granulated clay. Dispose of according to Federal, State, Local, or Provincial regulations. Used fluid should be disposed of at a recycling center. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area. Allow molten resin to solidify before disposal.

7. Handling and storage

Precautions for safe handling: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Conditions for safe storage, including any incompatibilities:

Safe storage conditions: Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Materials to Avoid/Chemical Incompatibility: Acidic conditions, Strong oxidizing agents, Amines

8. Exposure controls/personal protection

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available:

Chemical component	OSHA PEL	ACGIH TLV	ACGIH STEL	IDLH
Liquified petroleum gas	1000 ppm TWA; 1800 mg/m ³ TWA	1000 ppm TWA (listed under Aliphatic hydrocarbon gases: Alkane C1-4)	No STEL	2000 ppm IDLH
n-Hexane	500 ppm TWA; 1800 mg/m ³ TWA	50 ppm TWA	No STEL	1100 ppm IDLH (10% LEL)

Appropriate engineering controls: Use only outdoors or in a well-ventilated area. Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort.

Individual protection measures, such as personal protective equipment:

Respiratory Protection: Do not breathe dust/fume/gas/mist/vapors/spray.

Respirator Type(s): None required where adequate ventilation is provided. If airborne concentrations are above the applicable exposure limits, use NIOSH/MSHA approved respiratory protection.

Safety Data Sheet

Product identifier used on the label: MAG 1 RUBBERIZED UNDERCOATING

Stock Number: MG740432

Revision Date: 06-06-2017

Replaces:

Eye protection:	Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available.
Skin protection:	Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.
Gloves:	Wear appropriate protective gloves to prevent skin exposure.
General hygiene conditions:	Wear protective gloves/protective clothing/eye protection/face protection.

9. Physical and chemical properties

Appearance (physical state, color etc.):

Physical state:	Gas
Color:	Colorless
Odor:	None
Odor Threshold:	Not determined
pH:	No data available
Melting point/freezing point:	
Melting Point:	No data available
Freezing point:	No data available
Initial boiling point and boiling range (°C):	93
Flash Point (°C):	Not determined
Evaporation Rate:	No data available
Flammability (solid, gas):	No data available
Upper/lower flammability or explosive limits:	
Upper flammability or explosive limits:	Not established
Lower flammability or explosive limits:	Not established
Vapor pressure:	No data available

Safety Data Sheet

Product identifier used on the label: MAG 1 RUBBERIZED UNDERCOATING

Stock Number: MG740432

Revision Date: 06-06-2017

Replaces:

Vapor density:	No data available
Relative density:	0.7
Solubility(ies):	Minimal; 1-9%
Partition coefficient: n-octanol/water:	6 2.8
Auto-ignition temperature:	No data available
Decomposition Temperature:	Not determined
Viscosity:	No data available
Volatile organic compound (VOC) content and percentage of volatiles:	0.000000

10. Stability and reactivity

Reactivity:	
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	None expected under standard conditions of storage.
Conditions to avoid (e.g., static discharge, shock, or vibration):	Sparks, open flame, other ignition sources, and elevated temperatures.
Incompatible materials:	Acidic conditions, Strong oxidizing agents, Amines
Hazardous decomposition products:	Carbon dioxide, Carbon monoxide

11. Toxicological information

Description of the various toxicological (health) effects and the available data used to identify those effects:

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):	Inhalation
Symptoms related to the physical, chemical and toxicological characteristics:	Toxic if inhaled May cause damage to organs through prolonged or repeated exposure

Delayed and immediate effects and also chronic effects from short- and long-term exposure:

Ingestion Toxicity:	Although this product has a low order of acute oral toxicity, aspiration of minute amounts into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.
Skin Contact:	This material is likely to be moderately irritating to skin based on animal data.Can cause moderate skin irritation, defatting, and dermatitis. Not

Safety Data Sheet

Product identifier used on the label: MAG 1 RUBBERIZED UNDERCOATING

Stock Number: MG740432

Revision Date: 06-06-2017

Replaces:

	likely to cause permanent damage.
Absorption:	Likely to be practically non-toxic based on animal data.
Inhalation Toxicity:	Toxic if inhaled
Eye Contact:	This material is likely to be non-irritating to eyes based on animal data.
Sensitization:	No data available
Mutagenicity:	No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.
Carcinogenicity:	Contains a substance that is a probable cancer hazard based on animal studies using doses likely to be encountered in the workplace.
STOT-single exposure:	Based on available data, the classification criteria are not met.
STOT-repeated exposure:	Classification has been based on toxicological information of the components in Section 3.
Aspiration hazard:	Based on available data, the classification criteria are not met.
Other information:	No data available

Numerical measures of toxicity (such as acute toxicity estimates):

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
n-Hexane	OLD50 Rat 28710 mg/kg	Dermal LD50 Rabbit 3000 mg/kg	Inhalation LC50 (4h) Rat 48000 ppm
Solvent naphtha (petroleum) medium aliphatic	OLD50 Rat > 5000 mg/kg	Dermal LD50 Rabbit 3000 mg/kg	Inhalation LC50 (4h) Rat > 5.28 mg/L
Liquified petroleum gas	OLD50 Rat > 4300 mg/kg		Inhalation LC50 (4h) Rat 658 mg/L

Is the hazardous chemical is listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA:

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
Asphalt	Y	Y	N

12. Ecological information

Ecotoxicity (aquatic and terrestrial, where available): No data available

Safety Data Sheet

Product identifier used on the label: MAG 1 RUBBERIZED UNDERCOATING

Stock Number: MG740432

Revision Date: 06-06-2017

Replaces:

Ecological Toxicity Data:

Chemical Name	CAS #	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
n-Hexane	110-54-3	> 1000 mg/L	No data available	Aquatic LC50 (96h) 2.1 - 2.98 mg/L
Solvent naphtha (petroleum) medium aliphatic	64742-88-7	> 100 mg/L	450 mg/L	Aquatic LC50 (96h) 800 mg/L

Persistence and degradability: No data available

Bioaccumulative potential: Bioconcentration is expected to occur.

Mobility in soil: This material is expected to have essentially no mobility in soil. It absorbs strongly to most soil types.

Other adverse effects (such as hazardous to the ozone layer): No data available

13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging: Dispose of contents and container in accordance with local/regional/national/international regulations.

Waste codes / waste designations: D001

Contaminated packaging: Empty containers may contain residues. Dispose of in the same way as waste product.

14. Transport information

Carriage of dangerous goods by road (DOT), rail or inland waterways:

Exception: UN1950, AEROSOLS, 2.1, LIMITED QUANTITY

DOT Basic Description: No data available

International carriage of dangerous goods by sea (IMDG/IMO):

UN number: UN1950

UN Proper shipping name: AEROSOLS

Transport hazard class(es): 2.1

Safety Data Sheet

Product identifier used on the label: MAG 1 RUBBERIZED UNDERCOATING

Stock Number: MG740432

Revision Date: 06-06-2017

Replaces:

Packing group, if applicable: Not applicable

Exception: LTD QTY

EMS#: F-D,S-U

International carriage of dangerous goods by air (IATA):

UN number: UN1950

UN Proper shipping name: AEROSOLS

Transport hazard class(es): 2.1

Packing group, if applicable: Not applicable

Environmental hazards (e.g., Marine pollutant (Yes/No)): Yes

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): No data available

Special precautions which a user needs to be aware of or needs to comply with in connection with transport or conveyance either within or outside their premises: No data available

15. Regulatory information

Safety, health and environmental regulations specific for the product in question:

TSCA Status: All components of this material are on the US TSCA Inventory or are exempt.

Regulated Components:

Chemical Name	CAS #	CERCLA	Sara EHS	Sara 313	U.S. HAP
Liquified petroleum gas	68476-85-7	N	N	N	N
Asphalt	8052-42-4	N	N	N	N
Solvent naphtha (petroleum) medium aliphatic	64742-88-7	N	N	N	N
n-Hexane	110-54-3	Y	N	Y	Y

Safety Data Sheet

Product identifier used on the label: MAG 1 RUBBERIZED UNDERCOATING

Stock Number: MG740432

Revision Date: 06-06-2017

Replaces:

Chemical Name	CAS #	California Prop 65 - Cancer	California Prop 65 - Dev. Toxicity	California Prop 65 - Reprod fem	California Prop 65 - Reprod male
Liquified petroleum gas	68476-85-7	N	N	N	N
Asphalt	8052-42-4	N	N	N	N
Solvent naphtha (petroleum) medium aliphatic	64742-88-7	N	N	N	N
n-Hexane	110-54-3	N	N	N	N

Chemical Name	CAS #	Massachusetts RTK List	New Jersey RTK List	Pennsylvania RTK List	Rhode Island RTK List	Minnesota Hazardous Substance List
Liquified petroleum gas	68476-85-7	Y	Y	Y	N	Y
Asphalt	8052-42-4	Y	Y	Y	N	Y
Solvent naphtha (petroleum) medium aliphatic	64742-88-7	N	Y	N	N	N
n-Hexane	110-54-3	Y	Y	Y	N	Y

16. Other information, including date of preparation or last revision.

SDS Prepared by:

HAZEMS

Revision Date:

06-06-2017

Revision Number:

16

Reason for revision:

Activated by Document Formulation Generation

References:

No data available

Other Info:

No data available

Disclaimer:

This safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in the data sheet which we have received from outside sources and we believe the information to be correct, but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's

Safety Data Sheet

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Stock Number: MG740432

Revision Date: 06-06-2017

Replaces:

obligation to evaluate and use this product in a safe manner and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.