

Master Rubberized Undercoating

MSDS Number: 4986-AP61131

Revision Date: 5/8/2015

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1 PRODUCT AND COMPANY IDENTIFICATION

Vendor

Master Chemical
4635 Willow Drive
Medina, MN 55340

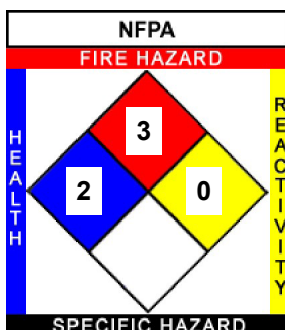
Phone: 612-478-2360

Product Name: Master Rubberized Undercoating
Revision Date: 5/8/2015
Version: New
MSDS Number: 4986-AP61131
Common Name: Aerosol Undercoating
Product Code: 4986
Product Use: Undercoating

2 HAZARDS IDENTIFICATION

Route of Entry: Eyes - Yes Skin - Yes Inhalation - Yes Ingestion - Unlikely
Target Organs: Skin, Eyes, Respiratory System, Nervous System.
Inhalation: Breathing of vapor or mist is possible. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. May be harmful if inhaled in excess. Vapours may cause drowsiness and dizziness.
Skin Contact: Can cause skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking of skin.
Eye Contact: May cause irritation. Symptoms include stinging, tearing, redness and swelling of eyes.
Ingestion: Not a normal route of exposure. Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injury.

NFPA: Health = 2, Fire = 3, Reactivity = 0
HMIS III: H2/F3/PH0



HMIS III	
HEALTH	2
FLAMMABILITY	3
PHYSICAL HAZARDS	0
PERSONAL PROTECTION B Safety Glasses, Gloves	

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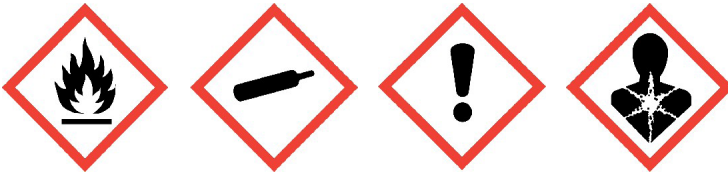
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GHS Signal Word:
DANGER

GHS Hazard Pictograms:



GHS Classifications:

Physical, Flammable Gases, 1
Health, Acute toxicity, 4 Oral
Health, Aspiration hazard, 2
Health, Skin corrosion/irritation, 2
Health, Specific target organ toxicity - Single exposure, 3
Health, Reproductive toxicity, 2
Health, Specific target organ toxicity - Repeated exposure, 2
Physical, Gases Under Pressure, Liquefied Gas

GHS Phrases:

H220 - Extremely flammable gas
H302 - Harmful if swallowed
H305 - May be harmful if swallowed and enters airways
H315 - Causes skin irritation
H335 - May cause respiratory irritation
H336 - May cause drowsiness or dizziness
H361 - Suspected of damaging fertility or the unborn child
H373 - May cause damage to organs through prolonged or repeated exposure
H280 - Contains gas under pressure; may explode if heated

GHS Precautionary Statements:

P102 - Keep out of reach of children.
P103 - Read label before use.
P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
P243 - Take precautionary measures against static discharge.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P263 - Avoid contact during pregnancy/while nursing.
P270 - Do not eat, drink or smoke when using this product.
P281 - Use personal protective equipment as required.
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302+352 - IF ON SKIN: Wash with soap and water.
P304+341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do.

Continue rinsing.

P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P410+412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

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3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Percentage	Chemical Name
108-88-3	10-20%	Toluene
64742-93-4	20-30%	Asphalt, oxidized
68476-86-8	20-30%	Petroleum gases, liquefied, sweetened
14807-96-6	5-15%	Talc (Mg ₃ H ₂ (SiO ₃) ₄)
9003-55-8	<1%	Benzene, ethenyl-, polymer with 1,3-butadiene

4 FIRST AID MEASURES

- Inhalation:** Move to fresh air and keep at rest. Call a physician if symptoms develop and persist.
- Skin Contact:** Wash with soap and water. If skin irritation persists, call a physician immediately. Remove contaminated clothing and wash before reuse.
- Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
- Ingestion:** Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low to avoid getting into the lungs. Call a poison control center if large amounts are ingested. Never give anything by mouth to an unconscious person.

5 FIRE FIGHTING MEASURES

- Flammability:** Extremely Flammable per Flame Projection Test
- Flash Point:** -4°F (-20°C) (concentrate) / -156°F (-104.4°C) (propellant)
- Flash Point Method:** Estimated
- Autoignition Temp:** Not established
- LEL:** Not established
- UEL:** Not established

Means of Extinction:

- Suitable Extinguishing Media: Powder, foam, carbon dioxide.
- Unsuitable Extinguishing Media: Not available.
- Products of Combustion: May include, and are not limited to: oxides of carbon.
- Explosion Data:
- Sensitivity to Mechanical Impact: Not available.
- Sensitivity to Static Discharge: Not available.
- Protection of Firefighters: Containers may explode when heated. Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

6 ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition. Ruptured cylinders may rocket.
- Environmental Precautions:** Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). This material is a water pollutant. Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent

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environmental contamination.

Methods for Containment: Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for Clean-Up: Vacuum or sweep material and place in a disposal container. Allow gas to dissipate harmlessly into the atmosphere.

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HANDLING AND STORAGE

Handling Precautions:

HARMFUL IF INHALED OR SWALLOWED. VAPOR HARMFUL. VAPORS MAY CAUSE FLASH FIRE. EYE, SKIN AND RESPIRATORY IRRITANT. Contents under pressure. Keep out of reach of children. Read label cautions carefully. Follow label directions to avoid injury. Use with adequate ventilation. Do not use in confined areas. Keep away from heat, sparks or open flames. Wash hands thoroughly after each use. Do not smoke while using. Avoid contact with skin and eyes. Avoid breathing vapor or mist. Do not puncture container.

Storage Requirements:

Keep out of reach of children. Do not store near heat, sparks, or open flames. Do not expose to temperatures above 120°F as container may vent, rupture or burst. Do not puncture or incinerate container.

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

Use ventilation adequate to keep exposures below recommended exposure limits.

Personal Protective Equip:

HMIS PP, B | Safety Glasses, Gloves

Eye Protection: Wear eye/face protection.

Hand Protection: Wear suitable gloves.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

INGREDIENTS	EXPOSURE LIMITS		OTHER
	OSHA-PEL	ACGIH-TLV	
Toluene	200 ppm	100 ppm	50 ppm (skin)
Asphalt, oxidized	15mg/m3	0.5mg/m3	5mg/m3
Petroleum gases, liquefied	Not established	1000 ppm	
Talc (Mg3H2(SiO3)4)	2mg/m3 TWA (dust)	2mg/m3 TWA (dust)	
Benzene, ethenyl-, polymer with 1,3-butadiene	15mg/m3	NE	

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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	black opaque liquid
Physical State:	Mixture packaged in pressurized aerosol spray can.
Odor:	solvent
Solubility:	Soluble in water
Spec Grav./Density:	0.99-1.03 (concentrate)
Viscosity:	1800 - 2400 cP
Heat Value:	25.9 kJ/g
Flammability:	Flammable
Flash Point:	-4°F (-20°C) (concentrate) / -156°F (-104.4°C) (propellant)
pH:	Not applicable
VOC:	41.07 %
Evap. Rate:	>1.00 (BuAc=1)
UFL/LFL:	Not established

10 STABILITY AND REACTIVITY

Stability:	Product is stable under normal conditions.
Conditions to Avoid:	Heat, sparks, open flames and temperatures above 120°F
Materials to Avoid:	Strong Oxidizing Agents.
Hazardous Decomposition:	CO, CO ₂ , and hydrocarbons.
Hazardous Polymerization:	Will not occur.

11 TOXICOLOGICAL INFORMATION

Not established

12 ECOLOGICAL INFORMATION

Not established

13 DISPOSAL CONSIDERATIONS

Do not allow into drains or water sources. Waste and empty containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Using information provided in this data sheet advice should be obtained from the Waste Regulation Authority, weather special waste regulations apply.

14 TRANSPORT INFORMATION

DOT Class: Flammable Gas (2.1) #2.1
UN #: UN 1950, Class: 2, Proper Shipping Name: Aerosols, flammable

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REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Toluene (108883 10-20%) CERCLA, CSWHS, EPCRAWPC, HAP, MASS, NJHS, OSHAWAC, PA, PRIPOL, PROP65, SARA313, TOXICPOL, TOXICRCRA, TSCA, TXAIR, TXHWL

*Asphalt, oxidized (64742934 10-20%) TSCA

*Petroleum gases, liquefied, sweetened (68476868 10-20%) TSCA

*Talc (Mg₃H₂(SiO₃)₄) (14807966 5-15%) MASS, OSHAWAC, PA, TSCA, TXAIR

*Calcium carbonate (1317653 5-15%) MASS, OSHAWAC, PA, TSCA, TXAIR

REGULATORY KEY DESCRIPTIONS

CERCLA = Superfund clean up substance
HAP = Hazardous Air Pollutants
MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances
OSHA = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
SARA313 = SARA 313 Title III Toxic Chemicals
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
TSCA = Toxic Substances Control Act
TXAIR = TX Air Contaminants with Health Effects Screening Level
TXHWL = TX Hazardous Waste List
CSWHS = Clean Water Act Hazardous substances
EPCRAWPC = EPCRA Water Priority Chemicals
PRIPOL = Clean Water Act Priority Pollutants
PROP65 = CA Prop 65
TOXICPOL = Clean Water Act Toxic Pollutants

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING: This product contains a chemical(s) known to the State of California to cause cancer, birth defects or other reproductive harm.

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OTHER INFORMATION

The information provided herein was believed to be accurate at the time of preparation and prepared from a compilation of sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of this product, and to determine the suitability of the product for its intended use.



SDS

Safety Data Sheet
Apollo Technologies, Inc.

Master Rubberized Undercoating

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Revision Date: 5/8/2015

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Author: LR

Publication Date: 5/8/15

Revision No.: New