

**DYNAMOLD, Inc.**  
**Material Safety Data Sheet**

**MR-502 MAGNETIC RUBBER INSPECTION MATERIAL**

Quick Identifier, Common Name: (Used on Label and List)  
May be used to comply with OSHA's Hazard Communication Standard,  
29CFR 1910, 1200. Standard must be consulted for specific requirements.

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**SECTION 1 - IDENTITY**

**NAME:** Dynamold, Inc.  
**ADDRESS:** 2905 Shamrock Ave. - Fort Worth, Texas 76107  
**CHEM TEL:** **1 (800) 255-3924**  
**FOR ADDITIONAL INFORMATION CONTACT:** P. Michael Peck  
**REVISION DATE:** Rev. 01/01/09  
**COMMON NAME (USED ON LABEL):** **MR-502**  
**CHEMICAL FAMILY:** Mixture  
**CHEMICAL NAME:** Mixture  
**TRADE NAME & SYNONYMS:** **MR-502**  
**FORMULA:** Mixture of Silicones and petroleum Hydrocarbon Distillate.  
Components of this product are included in the US TSCA Inventory.

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**SECTION 2 - HAZARDOUS INGREDIENTS**

HAZARDOUS COMPONENT	CAS #	% (VOL)	TLV	PEL
<b>Base:</b>				
Poly (Dimethylpolysiloxane) hydroxy terminated	70131-67-8	60-65%		Chemical classification in TSCA Inv.
Calcium carbonate	1317-65-3			
Petroleum hydrocarbon distillate	64741-44-2	33-38%		
Iron oxide Fe <sup>3</sup> O <sub>4</sub>	1317-61-9	1-5%		
<b>Catalyst:</b>				
Dibutyltin dilaurate	77-58-7	.05-2%		

**PEL:** Permissible Exposure Limit established by the Occupational Safety and Health Administration ( OSHA )

**TLV:** Threshold Limit Value established by the American Conference of Governmental Industrial Hygienists

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**SECTION 3 - PHYSICAL DATA**

**BOILING POINT:** approximately >300° deg. F  
**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** approximately 1.0  
**VAPOR PRESSURE (mm Hg):** approximately 1 @ 20° deg. C  
**PERCENT VOLATILE BY VOLUME (%):** NEG at 1 atm. & 75° deg. F  
**VAPOR DENSITY (AIR=1):** Neg.  
**EVAPORATION RATE (Ethyl Ether=1):** <1  
**SOLUBILITY IN WATER:** Insoluble  
**REACTIVITY IN WATER:** Will not evolve flammable or toxic gases  
**APPEARANCE AND ODOR:** Gray, slight odor.

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**SECTION 4 - FIRE AND EXPLOSION DATA**

**FLASH POINT:** approximately 265° deg. F (COC)  
**FLAMMABLE LIMITS IN AIR (% by VOLUME):** LOWER UPPER:  
**EXTINGUISHING MEDIA:** Dry chemical, CO<sub>2</sub> water spray.  
**AUTO IGNITION TEMPERATURE:**

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None, avoid extreme heat or fire.

**SPECIAL FIRE FIGHTING PROCEDURES:** Do not enter fire area without proper protection. Fight fire from safe distance / protected location.  
Heat may build pressure and rupture closed containers, spreading fire, increasing risk of burns and injuries.  
enters Use water spray / fog for cooling.. Dry chemical CO<sub>2</sub> is permissible. Notify authorities if liquid sewer / public waters.

CONTINUED ON REVERSE SIDE

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## SECTION 5 - HEALTH INFORMATION

**PRIMARY ROUTES OF EXPOSURE:** Eye or skin contact. ( Skin contact is not known to cause irritation, eye contact may cause transient eye irritation. )

**INHALATION:** If inhaled, remove to fresh air and consult physician.

**EYES:** In case of contact, flush with water for 15 minutes and consult physician..

**SKIN:** Flush with water, obtain medical attention if irritation occurs.

**INGESTION:** If swallowed, do not induce vomiting, consult Physician.

**CHEMICAL / COMPONENT LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN:** None

**EMERGENCY & FIRST AID PROCEDURES:** Inhalation: If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Obtain emergency medical attention. Prompt attention is essential. Eye contact: Immediately rinse with clean water for 15 - 20 minutes. Retract eyelids often. If irritation occurs obtain emergency medical attention. Skin contact: Remove contaminated clothing as needed. Wash skin thoroughly with mild soap and water. If sticky, use waterless cleaner first. Ingestion: If large quantity swallowed, give luke warm water (pint) if victim is completely conscious / alert. Do not induce vomiting due to risk of lung damage. Obtain emergency medical attention.

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## SECTION 6 - REACTIVITY DATA

**STABILITY:** Stable

**CONDITIONS TO AVOID:** Excess heating over long periods will degrade material

**INCOMPATIBILITY (Materials to avoid):** Keytones

**HAZARDOUS DECOMPOSITION PRODUCTS:** Silicone dioxide, carbon dioxide and traces of incompletely burned carbon products

**HAZARDOUS POLYMERIZATION:** Will not occur

**CONDITIONS TO AVOID:** None determined

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## SECTION 7 - SPILL OR LEAK PROCEDURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS LEAKED OR SPILLED:** Utilize personal protective equipment. Limit access to qualified personal. Soak up spill with inert solids and place in a labeled, sealed container. Prevent flow to sewers. Notify fire / environmental authorities. Cover slippery surfaces with granular solid. Contain spills to prevent escape into the environment.

**WASTE DISPOSAL METHOD:** Follow recommended curing procedures. Dispose of collection or containment materials in a suitable container in accordance with local, state and federal law.

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## SECTION 8 - PERSONAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION:** None needed

**VENTILATION:** General

**PROTECTIVE GLOVES:** None should be needed

**EYE PROTECTION:** Chemical splash goggles (ANSI Z87.1 1979)

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** None should be needed

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## SECTION 9 - SPECIAL PRECAUTIONS

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Store in cool dry area. Store only in closed, containers away from ignition sources. practice caution, avoid skin and eye contact.

**OTHER PRECAUTIONS:** Wash thoroughly after handling. Keep containers closed when not in use.

**DYNAMOLD, Inc.**  
**Material Safety Data Sheet**

**MR-502 K MAGNETIC RUBBER INSPECTION MATERIAL**

Quick Identifier, Common Name: (MR-502K, MAGNETIC RUBBER INSPECTION MATERIAL)

May be used to comply with OSHA's Hazard Communication Standard,  
29CFR 1910, 1200. Standard must be consulted for specific requirements.

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**SECTION 1 - IDENTITY**

**NAME:** Dynamold, Inc.  
**ADDRESS:** 2905 Shamrock Ave. - Fort Worth, Texas 76107  
**CHEM TEL:** 1 (800) 255-3924  
**FOR ADDITIONAL INFORMATION CONTACT:** P. Michael Peck  
**REVISION DATE:** Rev. 01/1/09  
**COMMON NAME (USED ON LABEL):** MR-502K  
**CHEMICAL FAMILY:** Mixture  
**CHEMICAL NAME:** Mixture  
**TRADE NAME & SYNONYMS:** MR-502K  
**FORMULA:** Mixture of Silicones and petroleum Hydrocarbon Distillate.  
Components of this product are included in the US TSCA Inventory

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**SECTION 2 - HAZARDOUS INGREDIENTS**

HAZARDOUS COMPONENT	CAS #	%(VOL)	TLV	PEL
<b>Base:</b>				
Silicone fluid with fillers		<38%		Chemical classification in TSCA Inv.
Dimethylpolysiloxane		<39%		Chemical classification in TSCA Inv.
Petroleum hydrocarbon distillate	64741-44-2	<21%		
Iron oxide Fe <sup>3</sup> O <sup>4</sup>	1317-61-9	<1%		
<b>Catalyst:</b>				
Dibutyltin dilaurate	77-58-7	<.05%		
Tin Carboxylate	301-10-0	<.05%	0.1mg/m <sup>3</sup>	0.1 mg/m <sup>3</sup>

**PEL:** Permissible Exposure Limit established by the Occupational Safety and Health Administration ( OSHA )

**TLV:** Threshold Limit Value established by the American Conference of Governmental Industrial Hygienists

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**SECTION 3 - PHYSICAL DATA**

**BOILING POINT:** approximately >300° deg. F  
**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** approximately 1.0  
**VAPOR PRESSURE (mm Hg):** approximately 1 @ 20° deg. C  
**PERCENT VOLATILE BY VOLUME (%):** NEG at 1 atm. & 75° deg. F  
**VAPOR DENSITY (AIR=1):** Neg.  
**EVAPORATION RATE (Ethyl Ether=1):** <1  
**SOLUBILITY IN WATER:** Insoluble  
**REACTIVITY IN WATER:** Will not evolve flammable or toxic gases  
**APPEARANCE AND ODOR:** Gray, slight odor.

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**SECTION 4 - FIRE AND EXPLOSION DATA**

**FLASH POINT:** approximately 265° deg. F (COC)  
**FLAMMABLE LIMITS IN AIR (% by VOLUME):** LOWER UPPER:  
**EXTINGUISHING MEDIA:** Dry chemical, CO<sub>2</sub> water spray.  
**AUTO IGNITION TEMPERATURE:**

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None, avoid extreme heat or fire.

**SPECIAL FIRE FIGHTING PROCEDURES:** Do not enter fire area without proper protection. Fight fire from safe distance / protected location.  
Heat may build pressure and rupture closed containers, spreading fire, increasing risk of burns and injuries.  
enters Use water spray / fog for cooling.. Dry chemical CO<sub>2</sub> is permissible. Notify authorities if liquid sewer / public waters.

CONTINUED ON REVERSE SIDE

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## SECTION 5 - HEALTH INFORMATION

**PRIMARY ROUTES OF EXPOSURE:** Eye or skin contact. ( Skin contact is not known to cause irritation, eye contact may cause transient eye irritation. )  
**INHALATION:** If inhaled, remove to fresh air and consult physician.  
**EYES:** In case of contact, flush with water for 15 minutes and consult physician..  
**SKIN:** Flush with water, obtain medical attention if irritation occurs.  
**INGESTION:** If swallowed, do not induce vomiting, consult Physician.

**CHEMICAL / COMPONENT LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN:** None

**EMERGENCY & FIRST AID PROCEDURES:** Inhalation: If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Obtain emergency medical attention. Prompt attention is essential. Eye contact: Immediately rinse with clean water for 15 - 20 minutes. Retract eyelids often. If irritation occurs obtain emergency medical attention. Skin contact: Remove contaminated clothing as needed. Wash skin thoroughly with mild soap and water. If sticky, use waterless cleaner first. Ingestion: If large quantity swallowed, give luke warm water (pint) if victim is completely conscious / alert. Do not induce vomiting due to risk of lung damage. Obtain emergency medical attention.

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## SECTION 6 - REACTIVITY DATA

**STABILITY:** Stable  
**CONDITIONS TO AVOID:** Excess heating over long periods will degrade material  
**INCOMPATIBILITY (Materials to avoid):** Keytones  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Silicone dioxide, carbon dioxide and traces of incompletely burned carbon products  
**HAZARDOUS POLYMERIZATION:** Will not occur  
**CONDITIONS TO AVOID:** None determined

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## SECTION 7 - SPILL OR LEAK PROCEDURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS LEAKED OR SPILLED:** Utilize personal protective equipment. Limit access to qualified personal. Soak up spill with inert solids and place in a labeled, sealed container. Prevent flow to sewers. Notify fire / environmental authorities. Cover slippery surfaces with granular solid. Contain spills to prevent escape into the environment.  
**WASTE DISPOSAL METHOD:** Follow recommended curing procedures. Dispose of collection or containment materials in a suitable container in accordance with local, state and federal law.

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## SECTION 8 - PERSONAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION:** None needed  
**VENTILATION:** General  
**PROTECTIVE GLOVES:** None should be needed  
**EYE PROTECTION:** Chemical splash goggles (ANSI Z87.1 1979)  
**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** None should be needed

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## SECTION 9 - SPECIAL PRECAUTIONS

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Store in cool dry area. Store only in closed, containers away from ignition sources. practice caution, avoid skin and eye contact.  
**OTHER PRECAUTIONS:** Wash thoroughly after handling. Keep containers closed when not in use.

**DYNAMOLD, Inc.**  
**Material Safety Data Sheet**

**MR-502Y MAGNETIC RUBBER INSPECTION MATERIAL**

Quick Identifier, Common Name: (Used on Label and List)

May be used to comply with OSHA's Hazard Communication Standard,  
29CFR 1910, 1200. Standard must be consulted for specific requirements.

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**SECTION 1 - IDENTITY**

**NAME:** Dynamold, Inc.  
**ADDRESS:** 2905 Shamrock Ave. - Fort Worth, Texas 76107  
**CHEM TEL:** **1 (800) 255-3924**  
**FOR ADDITIONAL INFORMATION CONTACT:** P. Michael Peck  
**REVISION DATE:** Rev. 01/1/09  
**COMMON NAME (USED ON LABEL):** **MR-502Y**  
**CHEMICAL FAMILY:** Mixture  
**CHEMICAL NAME:** Mixture  
**TRADE NAME & SYNONYMS:** **MR-502Y**  
**FORMULA:** Mixture of Silicones and petroleum Hydrocarbon Distillate.  
Components of this product are included in the US TSCA Inventory

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**SECTION 2 - HAZARDOUS INGREDIENTS**

HAZARDOUS COMPONENT	CAS #	% (VOL)	TLV	PEL
<b>Base:</b>				
Silicone fluid with fillers		<38%		Chemical classification in TSCA Inv.
Dimethylpolysiloxane		<39%		Chemical classification in TSCA Inv.
Arylamide C.I. Pigment Yellow 74 C.I. No. 11741	6358-31-2	<5%		
Petroleum hydrocarbon distillate	64741-44-2	<21%		
Iron oxide Fe <sup>3</sup> O <sup>4</sup>	1317-61-9	<1%		
<b>Catalyst:</b>				
Dibutyltin dilaurate	77-58-7	<.05%		
Tin Carboxylate	301-10-0	<.05%	0.1mg/m <sup>3</sup>	0.1 mg/m <sup>3</sup>

**PEL:** Permissible Exposure Limit established by the Occupational Safety and Health Administration ( OSHA )

**TLV:** Threshold Limit Value established by the American Conference of Governmental Industrial Hygienists

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**SECTION 3 - PHYSICAL DATA**

**BOILING POINT:** approximately >300° deg. F  
**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** approximately 1.0  
**VAPOR PRESSURE (mm Hg):** approximately 1 @ 20° deg. C  
**PERCENT VOLATILE BY VOLUME (%):** NEG at 1 atm. & 75° deg. F  
**VAPOR DENSITY (AIR=1):** Neg.  
**EVAPORATION RATE (Ethyl Ether=1):** <1  
**SOLUBILITY IN WATER:** Insoluble  
**REACTIVITY IN WATER:** Will not evolve flammable or toxic gases  
**APPEARANCE AND ODOR:** Yellow, slight odor.

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**SECTION 4 - FIRE AND EXPLOSION DATA**

**FLASH POINT:** approximately 265° deg. F (COC)  
**FLAMMABLE LIMITS IN AIR (% by VOLUME):** LOWER UPPER:  
**EXTINGUISHING MEDIA:** Dry chemical, CO<sub>2</sub> water spray.  
**AUTO IGNITION TEMPERATURE:**

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None, avoid extreme heat or fire.

**SPECIAL FIRE FIGHTING PROCEDURES:** Do not enter fire area without proper protection. Fight fire from safe distance / protected location.  
Heat may build pressure and rupture closed containers, spreading fire, increasing risk of burns and injuries.  
enters Use water spray / fog for cooling.. Dry chemical CO<sub>2</sub> is permissible. Notify authorities if liquid sewer / public waters.

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**SECTION 5 - HEALTH INFORMATION**

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**EYES:** In case of contact, flush with water for 15 minutes and consult physician..

**SKIN:** Flush with water, obtain medical attention if irritation occurs.

**INGESTION:** If swallowed, do not induce vomiting, consult Physician.

**CHEMICAL / COMPONENT LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN:** None

**EMERGENCY & FIRST AID PROCEDURES:** Inhalation: If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Obtain emergency medical attention. Prompt attention is essential. Eye contact: Immediately rinse with clean water for 15 - 20 minutes. Retract eyelids often. If irritation occurs obtain emergency medical attention. Skin contact: Remove contaminated clothing as needed. Wash skin thoroughly with mild soap and water. If sticky, use waterless cleaner first. Ingestion: If large quantity swallowed, give luke warm water (pint) if victim is completely conscious / alert. Do not induce vomiting due to risk of lung damage. Obtain emergency medical attention.

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**SECTION 6 - REACTIVITY DATA**

**STABILITY:** Stable

**CONDITIONS TO AVOID:** Excess heating over long periods will degrade material

**INCOMPATIBILITY (Materials to avoid):** Keytones

**HAZARDOUS DECOMPOSITION PRODUCTS:** Silicone dioxide, carbon dioxide and traces of incompletely burned carbon products

**HAZARDOUS POLYMERIZATION:** Will not occur

**CONDITIONS TO AVOID:** None determined

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**SECTION 7 - SPILL OR LEAK PROCEDURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS LEAKED OR SPILLED:** Utilize personal protective equipment. Limit access to qualified personal. Soak up spill with inert solids and place in a labeled, sealed container. Prevent flow to sewers. Notify fire / environmental authorities. slippery surfaces with granular solid. Contain spills to prevent into the environment.

Cover  
escape

**WASTE DISPOSAL METHOD:** Follow recommended curing procedures. Dispose of collection or containment materials in a suitable container in accordance with local, state and federal law.

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**SECTION 8 - PERSONAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION:** None needed

**VENTILATION:** General

**PROTECTIVE GLOVES:** None should be needed

**EYE PROTECTION:** Chemical splash goggles (ANSI Z87.1 1979)

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** None should be needed

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**SECTION 9 - SPECIAL PRECAUTIONS**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Store in cool dry area. Store only in closed, containers away from ignition sources. practice caution, avoid skin and eye contact.

**OTHER PRECAUTIONS:** Wash thoroughly after handling. Keep containers closed when not in use.