

3M Canada Company
1840 Oxford Street East, Post Office Box 5757
London, Ontario N6A 4T1
Medical Emergency Telephone: (519) 451-2500, Ext. 2222
Transportation Emergency Telephone (CANUTEC): (613) 996-6666



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Material Safety Data Sheet
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Document id : 10-9631-2 **Issue date** : 2009/10/16
Version : 15.00 **Supersedes date** : 2006/08/24

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Prepared by: Corporate Regulatory Services, 3M Canada Company
Telephone: (800) 364-3577, Fax: (800) 603-7758, Web Site: www.3M.ca

1 Chemical Product and Company Identification

Tradename:
3M RUST FIGHTER-I INTERNAL PANEL COATING, P.N. 08892
Product ID:
XS-0414-1294-0 62-4966-4930-2
Intended Use of Product:
Rust protection coating for internal auto parts.
Division:
AUTOMOTIVE AFTERMARKET

2 Hazards Identification

Critical Hazards:
Extremely flammable liquid and vapour.
Aerosol container contains flammable material under pressure.
Aerosol container contains flammable gas under pressure.
Moderate Eye Irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.
Moderate Skin Irritation: Signs/symptoms can include localized redness, swelling, itching, and dryness.
May be absorbed following inhalation and cause target organ effects.
May be absorbed following ingestion and cause target organ effects.
Cancer Hazard: SOLVENT-REFINED HEAVY PARAFFINIC PETROLEUM DISTILLATES (CAS 64741-88-4) - IARC Group 1 (carcinogenic to humans)
See Sections 7 and 11 for further information.

3 Composition/Information on Ingredients

Ingredient Name	CAS Number	Percentage
MEDIUM ALIPHATIC SOLVENT NAPHTHA	64742-88-7	30 - 60
PROPANE	74-98-6	10 - 30
SOLVENT-REFINED HEAVY PARAFFINIC PETROLEUM DISTILLATES	64741-88-4	7 - 13
SOLVENT REFINED HEAVY NAPHTHENIC DISTILLATE (PETROLEUM)	64741-96-4	7 - 13
HYDROTREATED HEAVY PARAFFINIC DISTILLATE (PETROLEUM)	64742-54-7	7 - 13
HYDROTREATED HEAVY NAPHTHENIC PETROLEUM DISTILLATES	64742-52-5	7 - 13
CALCIUM CARBONATE	471-34-1	5 - 10
OIL-SOLUBLE PETROLEUM SULFONATE, CALCIUM SALT	61789-86-4	5 - 10
ISOBUTANE	75-28-5	5 - 10
HYDROTREATED LIGHT PETROLEUM DISTILLATES	64742-47-8	1 - 5
LIGHT AROMATIC SOLVENT NAPHTHA (PETROLEUM)	64742-95-6	1 - 5

NOTE:

Each percentage is expressed as the ratio of the weight of the ingredient to the weight of the controlled product.

4 First Aid Measures

Instructions for Eye Contact:

Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

Instructions for Skin Contact:

Remove contaminated clothing and shoes. Immediately flush skin with large amounts of water. Get medical attention. Wash contaminated clothing and clean shoes before reuse.

Instructions for Inhalation:

Remove person to fresh air. Get immediate medical attention.

Instructions for Ingestion:

Do not induce vomiting unless instructed to do so by medical personnel. Get medical attention.

Special Instructions:

Exposure may increase myocardial irritability. Do not administer sympathomimetic drugs unless absolutely necessary.

5 Fire Fighting Measures

Flash point: -45.56 C
Lower Explosive Limit (%): Not applicable
Upper Explosive Limit (%): Not applicable
Autoignition temperature: Not Available

Suitable Extinguishing Media:

Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).

Exposure Hazards during Fire:

Closed containers exposed to heat from fire may build pressure and explode. Vapours may travel long distances along the ground or floor to an ignition source and flash back.

Combustion Products from Fire:

Carbon Monoxide;
Carbon Dioxide;
Toxic vapours, gases or particulates;

Unusual Fire and Explosion Hazards

None known.

Fire Fighting Procedures:

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

NFPA: Health 2
NFPA: Fire 4
NFPA: Reactivity 0
NFPA: Unusual Reaction Hazard none

Special Instructions:

Aerosol container contains flammable material under pressure.

6 Accidental Release Measures

Personal Precautions:

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Call 3M-HELPS line (1-800-364-3577) for more information on handling and managing the spill.

Environmental Procedures

No data available.

Methods for cleaning up

No data available.

Spill Response:

Place leaking containers in a well-ventilated area, preferably in an exhaust hood, if available, or outdoors.

Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. Remove all ignition sources such as flames, smoking materials, and electrical spark sources. Use only non-sparking tools. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode. Contain spill. For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water. Cover spill area with a fire-extinguishing foam. An aqueous film forming foam (AFFF) is recommended. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a toxic, corrosivity or flammability hazard. Collect as much of the spilled material as possible using non-sparking tools. Clean up residue with an appropriate solvent selected by a qualified and authorized person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and MSDS. Collect the resulting residue containing solution. Place in a metal container approved for transportation by appropriate authorities. Seal the container. Dispose of collected material as soon as possible.

7 Handling and Storage

Storage Requirements:

Do not store containers on their sides.

Incompatible Materials:

Store away from heat;
Store out of direct sunlight.
Store away from acids;
Store away from oxidizing agents.
Sparks and/or Flames;

Ventilation:

No data available.

Fire Prevention:

Extremely flammable liquid and vapour. No smoking while handling this material. Aerosol container contains flammable gas under pressure. Do not spray near flames or sources of ignition.

Explosion Prevention:

Keep away from heat, sparks, open flame, pilot lights and other sources of ignition.

Static Prevention:

Avoid static discharge.

Use Instructions:

For industrial or professional use only. Do not pierce or burn
container, even after use. Avoid contact with oxidizing agents.

8 Exposure Controls/Personal Protection

Personal Protection

Eye Protection:

Avoid eye contact with vapours, mists, or spray.
The following should be worn alone or in combination, as
appropriate, to prevent eye contact:
Safety glasses with side shields
Indirect vented goggles;

Hand Protection:

Wear appropriate gloves when handling this material.
The following glove material(s) are recommended:
butyl rubber;
fluoroelastomer (Viton);
neoprene;
nitrile rubber;

Skin Protection:

Avoid skin contact.
Select and use gloves and/or protective clothing to prevent skin
contact based on the results of an exposure assessment. Consult
with your glove and/or protective clothing manufacturer for
selection of appropriate compatible materials.

Respiratory Protection:

Avoid breathing of vapours, mists or spray.
Select one of the following approved respirators based on airborne
concentration of contaminants and in accordance with regulations:
Half facepiece or fullface air-purifying respirator with organic
vapor cartridges and P95 particulate prefilters

Ingestion (Prevention):

Do not eat, drink or smoke when using this product. Wash exposed
areas thoroughly with soap and water.

Recommended Ventilation:

Do not use in a confined area or areas with little or no air
movement.
Use general dilution ventilation and/or local exhaust ventilation
to control airborne exposures to below Occupational Exposure Limits
and/or control mist, vapour, or spray. If ventilation is not
adequate, use respiratory protection equipment.
Use with functioning spray booth or local exhaust.

Ingredient Exposure Data

MEDIUM ALIPHATIC SOLVENT NAPHTHA (64742-88-7)

Specific Ingredient Data

No data available.

LD50 (rat, oral) No data available.

LC50 (rat, inhalation/4 hours) No data available.

Exposure Limits

CMRG: TWA 100 ppm

PROPANE (74-98-6)

Specific Ingredient Data

No data available.

LD50 (rat, oral) No data available.

LC50 (rat, inhalation/4 hours) No data available.

Exposure Limits

ACGIH: TWA 1000 ppm

SOLVENT-REFINED HEAVY PARAFFINIC PETROLEUM DISTILLATES (64741-88-4)

Specific Ingredient Data

No data available.

LD50 (rat, oral) No data available.

LC50 (rat, inhalation/4 hours) No data available.

Exposure Limits

CMRG: TWA 5 mg/m3

SOLVENT REFINED HEAVY NAPHTHENIC DISTILLATE (PETROLEUM) (64741-96-4)

Specific Ingredient Data

No data available.

LD50 (rat, oral) No data available.

LC50 (rat, inhalation/4 hours) No data available.

Exposure Limits

No data available.

HYDROTREATED HEAVY PARAFFINIC DISTILLATE (PETROLEUM) (64742-54-7)

Specific Ingredient Data

No data available.

LD50 (rat, oral) > 15 g/kg

LC50 (rat, inhalation/4 hours) No data available.

Exposure Limits

No data available.

HYDROTREATED HEAVY NAPHTHENIC PETROLEUM DISTILLATES (64742-52-5)

Specific Ingredient Data

No data available.

LD50 (rat, oral) > 5 g/kg

LD50 (dermal, rabbit) > 5 g/kg

LC50 (rat, inhalation/4 hours) No data available.

Exposure Limits

CMRG: TWA 5 mg/m3 CMRG: STEL 10 mg/m3

CALCIUM CARBONATE (471-34-1)

LD50 (rat, oral) 6450 mg/kg

LC50 (rat, inhalation/4 hours) No data available.

Exposure Limits

ACGIH: TWA 20 mg/m3

OIL-SOLUBLE PETROLEUM SULFONATE, CALCIUM SALT (61789-86-4)
LD50 (rat, oral) 720 g/kg > 20 g/kg
LC50 (rat, inhalation/4 hours) No data available.
Exposure Limits
No data available.

ISOBUTANE (75-28-5)
Specific Ingredient Data
No data available.
LD50 (rat, oral) No data available.
LC50 (rat, inhalation/4 hours) No data available.
Exposure Limits
ACGIH: TWA 1000 ppm

HYDROTREATED LIGHT PETROLEUM DISTILLATES (64742-47-8)
LD50 (rat, oral) > 5 g/kg
LC50 (rat, inhalation/4 hours) No data available.
Exposure Limits
CMRG: TWA 300 ppm

LIGHT AROMATIC SOLVENT NAPHTHA (PETROLEUM) (64742-95-6)
LD50 (rat, oral) 8400 mg/kg
LC50 (rat, inhalation/4 hours) No data available.
Exposure Limits
CMRG: TWA 245 mg/m3 CMRG: TWA 50 ppm

9 Physical and Chemical Properties

Physical form,Color,Odour:	Liquid in aerosol container; Tan colour; solvent odour;
Odour Threshold:	No data available.
pH:	Not Available
Boiling point/boiling range:	Not Available
Melting point/melting range:	Not Available
Vapour pressure:	Not Available
Water Solubility:	Slight (less than 10%)
Specific gravity:	0.77 Water=1
Vapour density:	4.7 Air=1
Volatile organic compounds:	4.64 lb/gal
Evaporation rate:	Not Available
Viscosity:	Not applicable
Percent Volatile:	71.68 % by weight

10 Stability and Reactivity

Conditions to Avoid:

Heat;
Store out of direct sunlight. Sparks and/or Flames;

Materials to Avoid:

Store away from acids;
Store away from oxidizing agents.

Hazardous Decomposition:

Carbon Monoxide;
Carbon Dioxide;
Toxic vapours, gases or particulates;

Stability and Reactivity:

Stable. Hazardous polymerization will not occur.

11 Toxicological Information

Effects from Eye Contact:

Moderate Eye Irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Effects from Skin Contact:

Moderate Skin Irritation: Signs/symptoms can include localized redness, swelling, itching, and dryness.

Effects from Inhalation:

May be absorbed following inhalation and cause target organ effects. Intentional concentration and inhalation may be harmful or fatal.

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Cardiac Sensitization: Signs/symptoms may include irregular heartbeat (arrhythmia), faintness, chest pain, and may be fatal.

Single exposure, above recommended guidelines, may cause:

Simple Asphyxiation: Signs/symptoms may include increased heart rate, rapid respirations, drowsiness, headache, incoordination, altered judgement, nausea, vomiting, lethargy, seizures, coma, and may be fatal.

Effects from Ingestion:

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

May be absorbed following ingestion and cause target organ effects.

Sensitization Information:

No data available.

Carcinogenicity:

Cancer Hazard: SOLVENT-REFINED HEAVY PARAFFINIC PETROLEUM DISTILLATES (CAS 64741-88-4) - IARC Group 1 (carcinogenic to humans)

Mutagenicity:

No data available.

Reproductive Effects:

No data available.

Component Based Information:

No data available.

Product Based Information:

No data available.

Other Effects & Information:

Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

12 Ecological Information

Environmental Data:

Ecotoxicity Data:

Not determined.

Ecofate Data:

Not determined.

Special statements for 2001/58/EC:

One or more components of this product have significant known or predicted environmental hazards, but a conservative assessment indicates a low environmental risk. Intended use and proper disposal are unlikely to cause the environmentally hazardous component(s) to enter the environment in quantities or by routes that could cause the adverse environmental impacts.

Other Effects and Information:

Take precautions to prevent direct release of this product to the environment. Product usages, or other lifecycle stages, are expected to release volatile organic compounds (VOCs) to the atmosphere. Regulations may restrict the release of VOCs because they contribute to the formation of ozone and smog. Regulatory definitions for VOC vary. Because of smog and other impacts, releases through evaporation or other means should be minimized to the extent possible.

13 Disposal Considerations

Product as Sold:

Incinerate in a permitted hazardous waste incinerator. As a disposal alternative, dispose of waste product in a permitted hazardous waste facility. Facility must be capable of handling aerosol cans. Dispose of empty product containers in a sanitary landfill.

Product Packaging:

No data available.

Special Instructions:

Since regulations vary, consult applicable regulations or authorities before disposal.

14 Transport Information

Transportation of Dangerous Goods

TDG Classification: Consumer Commodity

Proper Shipping Name: Consumer Commodity

Special Information:: Contact 3M for more information.

These transportation classifications are provided as a customer service. As the shipper YOU remain responsible for complying with all applicable laws and regulations, including proper transportation classification and packaging. 3M's transportation classifications are based on product formulation, packaging, 3M policies and 3M's understanding of applicable current regulations. 3M does not guarantee the accuracy of this classification information. This information applies only to transportation classification and not the packaging, labeling, or marking requirements. The original 3M package is certified for Canadian ground shipment only. If you are shipping by air or ocean, the package may not meet applicable regulatory requirements.

International Dangerous Goods Classification

15 Regulatory Information

WHMIS Classification: A, B5, D2A, D2B

NOTE:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

Product Certifications:

The product on this MSDS, or all its components, is included on the following countries' chemical inventories, as noted:

AICS - Australian Inventory of Chemical Substances

DSL - Domestic Substances List (Canada)

EINECS - European Inventory of Existing Commercial Chemical Substances

KECI - Korean Existing Chemicals Inventory

PICCS - Philippines Inventory of Commercial Chemical Substances

TSCA - Toxic Substances Control Act (USA)

16 Other Information

Reason for Reissue:

The following Sections and topics have been updated or revised:
Section 2 - Composition/Information on Ingredients;
Section 3 - Hazards Identification - Critical Hazards;
Section 4 - First Aid Measures;
Section 9 - Physical and Chemical Properties;
Section 11 - Toxicological Information;
Section 14 - Transportation Information
WHMIS Classification change

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