

SAFETY DATA SHEET

WATER BASED RADIATOR ENAMEL TD 07-600

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: WATER BASED RADIATOR ENAMEL TD 07-600

PART No.: 11324

SYNONYMS, TRADE NAMES: HAM WBRE Water Based Radiator Enamel, Gloss, Satin and Tintable Finishes

SUPPLIER: Hammerite Products Ltd,
Prudhoe, Northumberland,
NE42 6LP

TEL: 01661-830000

FAX: 01661-835760

2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	EINECS No.	CAS No.	CONTENTS	SYMBOL	RISK (R No.)
AMMONIUM HYDROXIDE	215-647-6	1336-21-6	0-1 %	C, N	34, 50
DIPROPYLENE GLYCOL MONOMETHYL ETHER	252-104-2	34590-94-8	1-5 %	NC	Not classified.

The full text for all R-phrases are shown in section 16.

3 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

4 FIRST AID MEASURES

GENERAL: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

INHALATION: There are no hazards associated with this product by inhalation.

INGESTION: If swallowed, seek medical advice immediately and show this container or label

SKIN: Remove contaminated clothing. Wash the skin immediately with soap and water. Do not use solvent or thinners.

EYES: Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: This material is not flammable.

SPECIAL FIRE FIGHTING PROCEDURES: Keep run-off water out of sewers and water sources. Dike for water control. Cool containers exposed to fire with water spray. Use full protective equipment including self-contained breathing apparatus. Over exposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent.

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UNUSUAL FIRE & EXPLOSION HAZARDS:

Fire will produce dense black smoke containing hazardous products of combustion.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS DURING SPILL:

Avoid contact with skin, eyes and clothing.

PRECAUTIONS TO PROTECT ENVIRONMENT:

If the product enters drains or sewers the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the Environment Agency. Spillages should be contained and covered with sand or other absorbent material to prevent the flow of liquid into drains, sewers, basements etc.

SPILL CLEANUP METHODS:

Absorb in vermiculite, dry sand or earth and place into containers. Confine spill. Do not allow product to enter drains. Clean area with detergent. Avoid using solvents.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS:

Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS:

Store in a cool, dry ventilated place. Keep away from children.

STORAGE CRITERIA:

Store between temperatures of +5c and +35c. Protect from frost. Avoid direct sunlight. Keep containers tightly closed.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME	CAS No	STD	LT EXP (8 hrs)	ST EXP (15 min)
AMMONIUM HYDROXIDE	1336-21-6	OES	25 ppm	35 ppm
DIPROPYLENE GLYCOL MONOMETHYL ETHER	34590-94-8	OES	50 ppm(Sk)	

PROTECTIVE EQUIPMENT:



PROTECTIVE GLOVES:

This product is not a health hazard, however as good hygiene practice we recommend protective gloves are worn for prolonged or repeated skin contact.

EYE PROTECTION:

Wear eye protection if splashes are likely to occur.

HYGIENIC WORK ROUTINES:

Wash promptly with soap & water if skin becomes contaminated.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Thixotropic liquid.	COLOUR:	White.
ODOUR/TASTE:	Mild (or faint). Amine.	SPECIFIC GRAVITY (Water=1):	1.3 @ 20 °C
FLASH POINT (°C):	N/A		

10 STABILITY AND REACTIVITY

STABILITY:

Normally stable.

MATERIALS TO AVOID:

The addition of chemicals may cause coagulation.

HAZARDOUS DECOMPOSITION PRODUCTS:

Toxic gases/vapours/fumes of: Carbon dioxide (CO₂). Carbon monoxide (CO). and oxides of nitrogen may be produced.

11 TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

There is no data available on the preparation itself. Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin. Splashes in the eyes may cause irritation and discomfort.

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12 ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS: There is no data on the preparation itself. The product should not be allowed to enter drains or watercourses or be deposited where it can affect ground or surface water. The Air Pollution Control requirements of regulations made under the Environmental Protection Act may apply to the use of this product.

WATER HAZARD CLASSIFICATION: No data available. However see disposal considerations.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Do not allow the product to enter drains or water courses, or be deposited where it can affect ground or surface waters. Dispose of in accordance with local regulations.

14 TRANSPORT INFORMATION

GENERAL: The product is not classified as dangerous for carriage.

ROAD:

RAIL:

SEA:

MARINE POLLUTANT: No.

AIR:

15 REGULATORY INFORMATION

RISK PHRASES: Not classified.

SAFETY PHRASES:

S-2	Keep out of reach of children.
S-24/25	Avoid contact with skin and eyes.
S-26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S-28B	After contact with skin, wash immediately with plenty of soap and water.
S-46	If swallowed seek medical advice immediately and show this container label.
S-51	Use only in well ventilated areas.

16 OTHER INFORMATION

USER NOTES: DISCLAIMER: The information given in this document has been compiled on the basis of the best available knowledge. It does not imply that the information is complete or accurate in all cases. It is the users responsibility to satisfy themselves as to the application of the information and/or recommendations given for their own particular use. This Safety Data Sheet has been prepared in accordance with the EEC Directive 91/155/EEC. N/A = Not applicable. N/D = Not determined.

ISSUED BY: CM

REVISION DATE: 27/01/03

REVISION No. /REPLACES SDS ISSUED: REV. No.: 1 REPL. SDS GEN.: 07/01/03 No.: 11324

SDS No.: 11324

R-PHRASES (Full Text): R-34 Causes burns.
Not classified.

R-50 Very toxic to aquatic organisms.

SAFETY DATA SHEET STATUS: Approved.