

MATERIAL SAFETY DATA SHEET SPECIAL PLASTIC GREASE

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME SPECIAL PLASTIC GREASE
PRODUCT NO. SPG-b
ESPG35SL
ESPG900G
ESPG10K
ESPG20K
ESPG25K
ESPG52K
ESPG200L
ZE
APPLICATION Grease
SUPPLIER H K WENTWORTH PTY
LIMITED
P.O. BOX 339
BROOKVALE, NSW 2100
AUSTRALIA
TEL: 02 9938 1566
FAX: 02 9938 1467
GENERAL MANAGER
EMERGENCY TELEPHONE Tel: 029938 1566 between 8.30am and 5.00pm EST

2 HAZARDS IDENTIFICATION

RISK PHRASES

NC Not classified.

SAFETY PHRASES

P14 Contains N,N-bis(2-ethylhexyl)
-4-methyl-1H-benzotriazole-1methylamine. May produce an allergic
reaction.

The above phrases are the risks associated with the product

ENVIRONMENT

Dispose of waste and residues in accordance with local authority requirements.

STATEMENT OF HAZARDOUS NATURE

NON-HAZARDOUS SUBSTANCE (According to criteria of NOHSC). NON-DANGEROUS GOODS (According to ADG Code).

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content %	Classification (67/548)
Benzamine, N phenyl, reaction product with 2,4,4 trimethylpentene	270-128-1	68411-46-1	< 1%	N;R51/53.
N,N-bis(2-ethylhexyl)-4-methyl-1H-benzotriazole-1methylamine	279-503-4	80584-90-3	<0.5%	Xi;R38. N;R51/53. R43.
Thiodiethylene bis(3-(3,5-diterti-butyl-4-hydroxyphenyl)propionate	255-392-8	41484-35-9	<0.5%	N;R51/53.

The Full Text for all R-Phrases is Displayed in Section 16

COMPOSITION COMMENTS

Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels Ingredients are registered on AICS

4 FIRST-AID MEASURES

SPECIAL PLASTIC GREASE

NOTES TO THE PHYSICIAN

Treat symptomatically

INHALATION

Not relevant.

INGESTION

Rinse mouth thoroughly. Drink plenty of water. Get medical attention.

SKIN CONTACT

Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

EYE CONTACT

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. Use tepid water for rinsing

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS

Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING MEASURES

All handling to take place in well-ventilated area.

HAND PROTECTION

Use suitable protective gloves if risk of skin contact. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION

If risk of splashing, wear safety goggles or face shield.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Grease
COLOUR	Light (or pale) Brown
SOLUBILITY	Insoluble in water
RELATIVE DENSITY	0.900
VISCOSITY	@ °c
FLASH POINT (°C)	243 (469.4 F) CC (Closed cup).
AUTO IGNITION TEMPERATURE (°C)	> 355 (671 F)

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

SPECIAL PLASTIC GREASE

CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

11 TOXICOLOGICAL INFORMATION

INGESTION

Liquid irritates mucous membranes and may cause abdominal pain if swallowed. Nausea, vomiting.

HEALTH WARNINGS

No specific health warnings noted. No specific acute or chronic health impact noted, but this chemical may still have adverse impact on human health, either in general or on certain individuals with pre-existing or latent health problems.

OTHER HEALTH EFFECTS

This substance has no evidence of carcinogenic properties.

Name	Benzamine, N phenyl, reaction product with 2,4,4 trimethylpentene
Toxic Dose 1 - LD 50	>2000 mg/kg (oral rat)

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Not regarded as dangerous for the environment.

Name	Benzamine, N phenyl, reaction product with 2,4,4 trimethylpentene
LC 50, 96 Hrs, Fish mg/l	>71
EC 50, 48 Hrs, Daphnia, mg/l	1.1
Name	N,N-bis(2-ethylhexyl)-4-methyl-1H-benzotriazole-1methylamine
LC 50, 96 Hrs, Fish mg/l	1.3
EC 50, 48 Hrs, Daphnia, mg/l	1.4
IC 50, 72 Hrs, Algae, mg/l	69

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

No transport warning sign required.

SEA TRANSPORT NOTES

Not classified.

AIR TRANSPORT NOTES

Not classified.

ADG CLASS

Not classified for transportation

ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT

No.

15 REGULATORY INFORMATION

RISK PHRASES

NC

Not classified.

SAFETY PHRASES

P14

Contains N,N-bis(2-ethylhexyl)-4-methyl-1H-benzotriazole-1methylamine. May produce an allergic reaction.

POISONS SCHEDULE NUMBER

NONE

NATIONAL REGULATIONS AND REFERENCES

National Model Regulations for the Control of Workplace Hazardous Substances.

National Code of Practice for the Control of Workplace Hazardous Substances.

National Code of Practice for the Labelling of Workplace Substances.

National Code of Practice for the Preparation of Material Safety Data Sheets.

SPECIAL PLASTIC GREASE

Approved Criteria for Classifying Hazardous Substances.
Exposure Standards for Atmospheric Contaminants in the Occupational Environment.
Australian Dangerous Goods Code. The Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

16 OTHER INFORMATION

ISSUED BY

Helen O'Reilly

REVISION DATE

NOVEMBER 2010

REV. NO./REPL. SDS

5

GENERATED**SDS NO.**

10579

RISK PHRASES IN FULL

R38

Irritating to skin.

R43

May cause sensitisation by skin contact.

R51/53

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.