
MATERIAL SAFETY DATA SHEET

SECTION 1. COMPANY IDENTIFICATION

COMPANY IDENTIFICATION

MANUFACTURER'S NAME: Shin-Etsu Chemical Co., Ltd.

ADDRESS: 6-1, 2-Chome, Ohtemachi, Chiyodaku, Tokyo, JAPAN

EMERGENCY TELEPHONE NUMBER:

036-5326380 (Shin-Etsu Silicones Europe B.V., THE NETHERLANDS)

TELEPHONE NUMBER FOR INFORMATION:

03-3246-5121 (Tokyo, JAPAN)

036-5326380 (Shin-Etsu Silicones Europe B.V., THE NETHERLANDS)

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BASE NO 1

PRODUCT NAME :

X-23-7762

PRODUCT CLASSIFICATION:

Silicone Fluid Compound

SECTION 2. COMPOSITION

SINGLE OR MIXTURE:

Mixture

CHEMICAL IDENTIFICATION:

Organopolysiloxane mixture

HAZARDOUS COMPONENT(S):

CAS No.	EINECS ELINCS No.	/	COMPONENT(S)	Wt %	CLASSIFICATION
1314-13-2	215-222-5		Zinc oxide	ca. 20	N;R51/53

SECTION 3. HAZARDS IDENTIFICATION

PRINCIPAL HAZARD:

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

SECTION 4. FIRST AID MEASURES

SKIN contact ; Remove product from skin with dry cloth or
towel, and wash exposed area with detergent.EYES contact ; Immediately flush with water for at least
15 minutes.

INGESTION ; Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Call a physician immediately.

SECTION 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:

Foam, dry chemical, carbon dioxide or fine water spray

SPECIAL FIRE FIGHTING PROCEDURE:

None

UNUSUAL FIRE AND EXPLOSION HAZARD:

Emits toxic fumes under fire conditions.

SECTION 6. ACCIDENTAL RELEASE MEASURES

STEP TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Contain the spill or leak.

Scrape up with cardboard or rag and place in container.

SECTION 7. HANDLING AND STORAGE

PRECAUTION TO BE TAKEN IN HANDLING AND STORING:

Keep container closed when not in use.

Store in a cool place.

Keep away from heat and flame.

Do not lay the container on its side.

Avoid contact with eyes and prolonged or repeated skin contact.

Keep out of reach of children.

* * * * * Information about the emptied container * * * * *

Do not re-use this container.

Keep away from heat, sparks and flame.

Do not puncture or cut this container, and do not weld on or near this container.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES:

ACGIH TLV-TWA : Not established,

OSHA PEL : Not established

RESPIRATORY PROTECTION(specify type):

Not required

VENTILATION:

LOCAL EXHAUST: Not required

MECHANICAL(general): Not required

SPECIAL: Not required

OTHER: Not required

PROTECTIVE GLOVES:

Plastic film or rubber gloves

EYE PROTECTION:

Safety glasses

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Eyewash equipment

WORK/HYGIENIC PRACTICES:

Wash hands after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT:

Not applicable

FLASH POINT(method used):

122 degrees C (Open cup)

>94 degrees C (Closed cup)

FLAMMABLE LIMITS:

LOWER: Not measured UPPER: Not measured

VAPOR PRESSURE:

Negligible (25 degrees C)

VAPOR DENSITY(air=1):

Not applicable

SPECIFIC GRAVITY:

2.4 (25 degrees C)

Viscosity:

Not applicable

MELTING POINT:

Not applicable

EVAPORATION RATE:

Negligible (Butyl Acetate=1)

Partition coefficient(Log n-Octanol/Water):

Not applicable

SOLUBILITY IN WATER:

Not soluble

APPEARANCE(color):

Gray

APPEARANCE(form):

Paste

ODOR:

Odorless

SECTION 10. STABILITY AND REACTIVITY

STABILITY:

Stable

CONDITION TO AVOID:

None

INCOMPATIBILITY(material to avoid):

None

HAZARDOUS DECOMPOSITION OR BY-PRODUCT:

None

HAZARDOUS POLYMERIZATION:

Will not occur

CONDITION TO AVOID:

None

SECTION 11. TOXICOLOGICAL INFORMATION

SKIN IRRITATION:

No information is available.

EYE IRRITATION:

No information is available.

ACUTE TOXICITY(LD50):

No information is available.

ACUTE TOXICITY(LC50):

Not applicable

CHRONIC TOXICITY:

No information is available.

CARCINOGENICITY:

NTP:Not listed, IARC:Not listed, OSHA REGULATED:Not listed

OTHER INFORMATION:

None

SECTION 12. ECOLOGICAL INFORMATION

BIODEGRADATION:

Not applicable

BIOACCUMULATION:

No information is available.

AQUATIC TOXICITY:

No information is available.

OTHER INFORMATION:

No ozone depleting materials(CFCs,HALONs and HCFCs) are present and used in manufacturing.

SECTION 13. DISPOSAL CONSIDERATIONS

Can be burned in a chemical incinerator equipped with an afterburner and scrubber.

Do not dispose the emptied container unlawfully.

Observe all federal, state, and local laws.

SECTION 14. TRANSPORT INFORMATION



UN No.:

None

IMO CLASSIFICATION AND CLASS:

None

PACKAGING GROUP:

None

PROPER SHIPPING NAME:

None

TECHNICAL SHIPPING NAME:

None

MARINE POLLUTANT:

None

DOT REPORTABLE QUANTITY(49CFR 172.101, APP.) :

HAZARD SUBSTANCE(S) NAME / (CAS No.), CONTENTS AND RQ

Not applicable

SECTION 15. REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT(TSCA) STATUS:

Not listed on the TSCA Inventory.

**This product should be used in compliance with Low Volume Exemption under TSCA.

EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES

(EINECS) STATUS:

Listed on the EINECS and the ELINCS.

This product should be used in accordance with ELINCS and reduced notification requirements(Annex 7C).

LABELING ACCORDING TO EC-REGULATIONS REQUIRED:

SYMBOL : N

R-PHRASE : (R-51/53) Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-PHRASE : (S-60) This material and/or its container must be disposed of as hazardous waste.

(S-61) Avoid release to the environment.Refer to special instructions/Safety data sheets.

CONTAINS : Zinc oxide ca.20 %

WGK CLASSIFICATION (Water Resources Act in Germany):

WGK=2

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986(SARA)

TITLE III SECTION 313 SUPPLIER NOTIFICATION:

This regulation requires submission of annual reports of toxic chemical(s) that appear in section 313 of the emergency planning and community Right-To-Know Act of 1986 and 40 CFR 372.

This information must be included in all MSDS's that are copied



and distributed for the material.

The toxic chemical(s) contained in this product are:

CHEMICAL NAME/(CAS No.) AND CONTENTS

Zinc oxide/(1314-13-2) : ca.20 %

CALIFORNIA PROPOSITION 65:

This regulation requires a warning for California

Proposition 65 Chemical(s) under the statute.

The California Proposition 65 Chemical(s) contained in this

product are:

CHEMICAL NAME/(CAS No.) AND CONTENTS

** None **

SECTION 16. OTHER INFORMATION

For Industrial Use Only

This materials safety data sheet is offered solely for your information, consideration and investigation.

The data described in this MSDS consist of data on literature, our acquisitional data and analogical inference by data of similar chemical substance or product.

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