

# SAFETY DATA SHEET

#### SECTION 1 — IDENTIFICATION

**Product identifier:** Expert Silicone Concentrate

**Product Number:** 1749 & 1752

Manufacturer's name and address: Refer to supplier

**Supplier name and address:** 

718-392-6272

### ALBATROSS USA INC./EXPERT WORLDWIDE

818-543-5850

36-41 36<sup>th</sup> Street 5439 San Fernando Road West Long Island City, New York Los Angeles, California United States United States 11106 90039

Emergency Telephone #: Chemtrec (Day or Night) 800-424-9300

(For Chemical Emergency: Spill, Leak, Fire, Exposure or Accident)

This Material Safety Data Sheet contains environmental, health and toxicology information for your employees. Please make sure this information is given to them. It also contains information to help you meet Community Right To know laws. If you resell this product, this MSDS must be given to the buyer or the information incorporated in Your MSDS.

This MSDS complies with 29 CFR 1910.1200 (The Hazard Communication Standard)

Note: NFPA = National Fire Protection Association

### SECTION 2 — HAZARDS IDENTIFICATION

#### **GHS** Classification

Not a hazardous substance or mixture.

#### **GHS** Label element

Not a hazardous substance or mixture.

#### Other hazards

None known.

### SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture: Substance

Substance name: Dimethyl siloxane, trimethylsiloxy-terminated

CAS-No.: 63148-62-9 Chemical nature: Silicone

## Hazardous ingredients

No hazardous ingredients

### SECTION 4 — FIRST AID MEASURES

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If inhaled : If inhaled, remove to fresh air.

Get medical attention if symptoms occur.

In case of skin contact : Wash with water and soap as a precaution.

Get medical attention if symptoms occur.

In case of eye contact : Flush eyes with water as a precaution.

Get medical attention if irritation develops and persists.

If swallowed : If swallowed, DO NOT induce vomiting. Get

medical attention if symptoms occur. Rinse

mouth thoroughly with water.

Most important symptoms

And effects, both acute and

Delayed

: None known

Protection of first-aiders : No special precautions are necessary for first aid responders.

Notes to physician : Treat symptomatically and supportively.

## **SECTION 5 — FIRE FIGHTING MEASURES**

Suitable extinguishing media : Water spray

Alcohol-resistant

Foam Dry chemical

Carbon dioxide (CO2)

Unsuitable extinguishing media : None known.

Specific hazards during fire

fighting

: Exposure to combustion products may be a hazard to health.

Specific extinguishing methods : Use extinguishing measures that are appropriate to

localcircumstances and the surrounding environment. Use

water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so.

Evacuate area

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Special protective equipment

For fire-fighters

: Wear self-contained breathing apparatus for firefighting if necessary

### SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal precautions, protective : Follow safe handling advice and personal protective equipment equipment

and emergency recommendation

procedures

Environmental precautions : Discharge into the environment must be avoided.

Prevent further leakage or spillage if safe to do so.

Prevent spreading over a wide area (e.g. by containment or oil barriers).

Retain and dispose of contaminated wash water.

Local authorities should be advised if significant spillages cannot be

contained.

Methods and materials for containment and cleaning up

: Soak up with inert absorbent material.

For large spills, provide diking or other appropriate

containment to keep material from spreading. If diked material

can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with

suitable absorbent.

Local or national regulations may apply to releases and disposal of this material, as well as those materials and items

employed in the cleanup of releases. You will need to

determine which regulations are applicable. Sections 13 and 15

of this SDS provide information regarding certain local or

national requirements.

### SECTION 7 — HANDLING AND STORAGE

Technical measures : See Engineering measures under EXPOSURE

CONTROLS/PERSONAL PROTECTION section.

Local/Total ventilation : Use only with adequate ventilation

Advice on safe handling : Handle in accordance with good industrial hygiene and safety practice.

Take care to prevent spills, waste and minimize release to the

environment.

Conditions for safe storage : Keep in properly labeled containers.

Store in accordance with the particular national regulations.

Materials to avoid

Strong oxidizing agents

: Do not store with the following product types:

### SECTION 8 — EXPOSURE CONTROLS/PERSONAL PROTECTION

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#### **Ingredients with workplace control parameters**

Contains no substances with occupational exposure limit values.

**Engineering measures** : Processing may form hazardous compounds (see section

Ensure adequate ventilation, especially in confined areas.

Minimize workplace exposure concentrations

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally

required.

**Hand Protection** 

Remarks : Wash hands before breaks and at the end of workday.

: Wear the following personal protective equipment: Safety glasses Eye protection

Skin and body protection : Skin should be washed after contact.

Hygiene measures : Ensure that eye flushing systems and safety showers are located close to the

> working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use. These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may re-quire

added precautions. For further information regarding the use of

silicones/organic oils in consumer aerosol applications, please refer to the guidance document regarding the use of these type of materials in consumer aerosol applications that has been developed by the silicone industry (www.SEHSC.com) or contact the Dow Corning customer service group.

#### **SECTION 9-**PHYSICAL AND CHEMICAL PROPERTIES

: liquid Appearance

Color : colorless

Odor : characteristic

Odor Threshold : No data available

: No data available pН

Melting point/freezing point : No data available

Initial boiling point and boiling range

 $:> 120 \, {}^{\circ}\text{C}$ 

 $:>35 \,{}^{\circ}\text{C}$ 

Flash point

Method: closed cup

Evaporation rate : No data available Expert Silicone Concentrate Page 5 of 12

Flammability (solid, gas) : Not applicable

Upper explosion limit : No data available

Lower explosion limit : No data available

Vapor pressure : No data available

Relative vapor density : No data available

Relative density : 0.97

Solubility (ies)

Water solubility : No data available

Partition coefficient: noctanol/water : No data available

Auto ignition temperature : No data available

Decomposition temperature : No data available

Viscosity

Viscosity, kinematic : 350 cSt

Explosive properties : Not explosive

Oxidizing properties : The substance or mixture is not classified as oxidizing.

Molecular weight : No data available

## SECTION 10 — STABILITY AND REACTIVITY

Reactivity : Not classified as a reactivity hazard.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : Can react with strong oxidizing agents.

When heated to temperatures above 150 °C (300 °F) in the presence of

air, trace quantities of formaldehyde may be released.

Adequate ventilation is required.

See OSHA formaldehyde standard, 29 CFR 1910.1048 Hazardous decomposition products will be formed at elevated temperatures.

Conditions to avoid : None known.

Incompatible materials : Oxidizing agents

Hazardous decomposition products

Thermal decomposition : Formaldehyde

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### SECTION 11 — TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

Inhalation Skin contact Ingestion Eye contact

#### **Acute toxicity**

Not classified based on available information.

**Product:** 

Acute oral toxicity : LD50 (Rat): > 15,400 mg/kg

Assessment: The substance or mixture has no acute oral toxicity

Remarks: Based on data from similar materials

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg

Assessment: The substance or mixture has no acute dermal toxicity

Remarks: Based on data from similar materials

#### Skin corrosion/irritation

Not classified based on available information.

**Product:** 

Species: Rabbit

Result: No skin irritation

Remarks: Based on data from similar materials

### Serious eye damage/eye irritation

Not classified based on available information.

**Product:** 

Species: Rabbit

Result: No eye irritation

Remarks: Based on data from similar materials

#### Respiratory or skin sensitization

Skin sensitization: Not classified based on available information. Respiratory sensitization: Not classified based on available information.

**Product:** 

Assessment: Does not cause skin sensitization.

Test Type: Maximization Test (GPMT)

Species: Guinea pig

Remarks: Based on test data

#### Germ cell mutagenicity

Not classified based on available information.

### **Product:**

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Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES) Result: negative

Remarks: Based on data from similar materials

### Carcinogenicity

Not classified based on available information.

Product:
Species: Rat

**Application Route: Ingestion** 

Result: negative

Remarks: Based on data from similar materials

Carcinogenicity – Assessment : Animal testing did not show any carcinogenic effects.

**IARC** No ingredient of this product present at levels greater than or equal to

0.1% is identified as probable, possible or confirmed human carcinogen

by IARC.

**OSHA**No ingredient of this product present at levels greater than or equal to

0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**NTP** No ingredient of this product present at levels greater than or equal to

0.1% is identified as a known or anticipated carcinogen by NTP.

### Reproductive toxicity

Not classified based on available information

**Product:** 

Effects on fertility : Species: Rabbit, male

Application Route: Ingestion Symptoms: No effects on fertility.

Remarks: Based on data from similar materials

Effects on fatal development : Test Type: Prenatal development toxicity study (teratogenicity)

Species: Rabbit, female

Application Route: Skin contact

Symptoms: No effects on fatal development.

Remarks: Based on test data

Reproductive toxicity – Assessment : No evidence of adverse effects on sexual function and fertility, or on

development, based on animal experiments

#### **STOT-single exposure**

Not classified based on available information.

### STOT-repeated exposure

Not classified based on available information.

#### **Product:**

Routes of exposure: Ingestion

Assessment: No significant health effects observed in animals at concentrations of 100 mg/kg bw or less.

Routes of exposure: Skin contact

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Assessment: No significant health effects observed in animals at concentrations of 200 mg/kg bw or less.

### Repeated dose toxicity

**Product:** 

Species: Rat

Application Route: Ingestion Remarks: Based on test data

Species: Rabbit

Application Route: Skin contact Remarks: Based on test data

#### **Aspiration toxicity**

Not classified based on available information.

### **SECTION 12 — ECOLOGICAL INFORMATION**

#### **Ecotoxicity**

#### **Product:**

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 200 mg/l Exposure

time: 48 h

### Persistence and degradability

No data available

#### Bio accumulative potential

No data available

#### Mobility in soil

No data available

### Other adverse effects

No data available

### SECTION 13 — DISPOSAL CONSIDERATIONS

### **Disposal methods**

Resource Conservation and Recovery Act (RCRA) : This product has been evaluated for RCRA characteristics and

does not meet the criteria of hazardous waste if discarded in

its purchased form.

Waste from residues : Dispose of in accordance with local regulations.

Contaminated packaging : Dispose of as unused product.

Empty containers should be taken to an approved waste

handling site for recycling or disposal.

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### SECTION 14— TRANSPORT INFORMATION

#### **International Regulation**

#### **UNRTDG**

Not regulated as a dangerous good

#### **IATA-DGR**

Not regulated as a dangerous good

#### **IMDG-Code**

Not regulated as a dangerous good

#### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

### **Domestic regulation**

#### **49 CFR**

Not regulated as a dangerous good

### SECTION 15 — REGULATORY INFORMATION

#### **EPCRA - Emergency Planning and Community Right-to-Know**

### **CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

#### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : No SARA Hazards

SARA 302 : No chemicals in this material are subject to the reporting

requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with

known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**US State Regulations** 

Pennsylvania Right to Know

Dimethyl siloxane, trimethylsiloxy-terminated 63148-62-9 90 - 100 %

**New Jersey Right to Know** 

Dimethyl siloxane, trimethylsiloxy-terminated 63148-62-9 90 - 100 %

California Prop 65 This product does not contain any chemicals known to the

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State of California to cause cancer, birth, or any other reproductive defects.

### The ingredients of this product are reported in the following inventories:

KECI : All ingredients listed, exempt or notified.

REACH : All ingredients (pre)registered or exempt.

TSCA : All chemical substances in this material are included on or

exempted from listing on the TSCA Inventory of Chemical

Substances.

AICS : All ingredients listed or exempt.

IECSC : All ingredients listed or exempt.

ENCS/ISHL : All components are listed on ENCS/ISHL or exempted from

inventory listing.

PICCS : All ingredients listed or exempt.

DSL : All chemical substances in this product comply with the CEPA

1999 and NSNR and are on or exempt from listing on the

Canadian Domestic Substances List (DSL).

NZIOC : All ingredients listed or exempt.

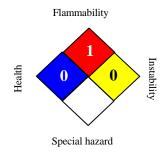
#### **Inventories**

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), NECSI (Taiwan), TSCA (USA)

### SECTION 16 — OTHER INFORMATION

#### **Further information**

#### NFPA:



### **HMIS III:**

HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight, 2 = Moderate, 3 = High Expert Silicone Concentrate Page 11 of 12

4 = Extreme, \* = Chronic

Sources of key data used to compile the Material Safety Data Sheet

: Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, http://echa.europa.eu/

Revision Date : 05/13/2015

The information provided in this Safety Data Sheet is correct to the best of our knowledge, in-formation and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information pro- vided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, un-less specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

US / Z8