

Material Safety Data Sheet

Date last revised _____

RECEIVED
 APR 1 1993

P/N 55075 & 58195

Silastic Foam, Low Density

Silastic Foam, High Density

MSDS # 71378-D

 24 Hour Chemical Emergency
 CMB 1-800-457-4280


I. General Information

Chemical Name & Synonyms	Trade Name & Synonyms
Chemical Family	A-101 Silicone Elastomer
Proper DOT Shipping Name	Formula
Manufacturer	DOT Hazard Classification
FACTOR II, INC.	Manufacturer's Phone Number
Manufacturer's Address	(602) 537-8387
P.O. BOX 1339, Lakeside, Az 85929	Chemtrec Phone Number

II. Ingredients

Principal Hazardous Components	Percent	Threshold Limit Value (units)
Tetra-n-propoxysilicate		
LD 50 oral rat	2-10%	7 500 mg/kg
LD 50 dermal rabbit		7 200 mg/kg

III. Physical Data

Boiling Point (°F) (greater than) 300°F	Specific Gravity (H ₂ O = 1) 1.13
Vapor Pressure (mm Hg.) @ 77°F less than 5mm	Percent Volatile By Volume (%) Less than 5%
Vapor Density (Air = 1) N/A	Evaporation Rate (____ = 1) Ether=1 less than 1
Solubility in Water Insoluble	pH
Appearance & Odor Thick white liquid slight alcohol smell	

IV. Fire & Explosion Hazard Data

Flash Point (Test Method) COC 275°F	Auto Ignition Temperature Not determined
Flammable Limits	LEL N/A UEL N/A
Extinguishing Media Foam dry chemical, CO ₂ water spray	
Special Fire Fighting Procedures Self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals	
usual Fire & Explosion Hazards none known	

V. Health Hazard Data

OSHA Permissible Exposure Limit

ACGIH Threshold Limit Value

Carcinogen - NTP Program

Carcinogen - IARC Program

NO

Symptoms of Exposure

Direct contact with eyes may cause mild temporary irritation

Medical Conditions Aggravated By Exposure

None known, but unnecessary exposure to any chemical should be avoided

Primary Route(s) of Entry

Eyes - flush with water

Emergency First Aid

If contacted with eyes flush with water for 15 mins.

Skin - wash with soap and water

VI. Reactivity Data

Stability	XX	Unstable Stable	Conditions To Avoid N/A
Incompatibility			Materials To Avoid Oxidizing material can cause a reaction
Hazardous		May Occur	Conditions To Avoid
Polymerization	XX	Will Not Occur	N/A
Hazardous Decomposition Products Silicone Dioxide (SiO_2), Carbon Dioxide, Hydrocarbons			

VII. Environmental Protection Procedures

Spill Response

Spills should be contained. Large spills removed by vacuum. Smaller spills soaked up by absorbent.

Waste Disposal Method

Dispose of in accordance with all local, state and federal regulations.

VIII. Special Protection Information

Eye Protection Safety goggles	Skin Protection Washing at mealtime and shift end
Respiratory Protection (Specific Type) None required	Ventilation Recommended N/A
Other Protection Eyewash recommended in work area	

IX. Special Precautions

Hygienic Practices In Handling & Storage

Store below 90°F, precautions common to good manufacturing procedures should be followed.

Precautions For Repair & Maintenance Of Contaminated Equipment

N/A

Other Precautions

Traces of formaldehyde and other thermal decomposition products may occur at elevated temperatures above 150°C. Provide adequate ventilation at elevated temperatures.

Stability Unstable ☐ Conditions
Stable ☒ to AvoidAvoid elevated temperatures, open flames, oxygen, H₂OIncompatibility
(Materials to Avoid)

Water, acid, base, oxidizers, galvanized steel

Hazardous

Decomposition Products Organotin, tin oxides

Hazardous

May Occur ☐

Conditions

Polymerization

Will Not Occur ☒

to Avoid

SECTION 6 - HEALTH HAZARDS

1. Acute

2. Chronic

Irritating to eyes and skin, toxic by ingestion

Signs and

Symptoms of Exposure Overexposure via inhalation or skin absorption may cause

headache and nausea

Medical Conditions Generally

Aggravated by Exposure Not known

Chemical Listed as Carcinogen
or Potential CarcinogenNational Toxicology
ProgramYes ☐
No ☒I.A.R.C.
MonographsYes ☐
No ☒OSHA Yes ☐
No ☒Emergency and
First Aid Procedures

Remove to fresh air, wash exposed skin, flush eyes for 15.

minutes with clear water.

ROUTES
OF
ENTRY

1. Inhalation

Low volatility-unlikely to be inhaled

2. Eyes

Wash with water for 15 minutes. Seek medical assistance

3. Skin

Wash with soap and water. Seek medical assistance if irritation or

4. Ingestion

Seek medical assistance

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken
in Handling and Storage

Store in air tight containers in cool dry area remote from

strong oxidants. Avoid contact with eyes and skin. Do not eat, drink

Other or smoke in the work area.

Precautions

Keep containers tightly closed.

Steps to be Taken in Case

Material is Released or Spilled

Cover spill with absorbant material. Transfer to a suitable

container for disposal.

Waste Disposal

Methods (Consult federal, state, and local regulations)

Dispose of in accordance with all local, state and

federal regulations.

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection
(Specify Type)

Use NIOSH/MSHA approved respirator

Ventilation

Local
ExhaustMechanical
(General)

Special

Other

recommended

required

Protective
Gloves

Use chemical resistant gloves

Eye
Protection

Use chemical goggles

Other Protective
Clothing or Equipment

Eye wash & safety gloves

Work/Hygiene Practices

Normal good manufacturing practices.

IMPORTANT

Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate

Material Safety Data Sheet

6382 Catalyst

QUICK IDENTIFIER

Common Name: (used on label and list)

May be used to comply with OSHA's Hazard Communication Standard,
29CFR 1910.1200. Standard must be consulted for specific requirements

SECTION 1 -

Manufacturer's

Name

FACTOR II INC.

Address

P.O. BOX 1339

City, State, and ZIP

LAKESIDE, AZ 85929

Emergency
Telephone No.

(602) 537-8387

Other
Information
Calls

(800) 332-8688

(602) 537-8387

Signature of Person
Responsible for Preparation (Optional)Date
Prepared

January 11, 1988

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))

OSHA
PELACGIH
TLVOther Exposure
Limits%
(optional)CAS
NO.Organic Tin Salt (stannous Octoate) 0.1 mg/m³

75-90

LD (oral rat) 2800 mg/kg

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling
Point

NA

Specific
Gravity (H₂O=1)

1.25

Vapor
Pressure (mm Hg)

unknown

Vapor
Density (Air = 1)

unknown

Solubility
in Water

insoluble

Reactivity in
Water

unknown

Appearance
and Odor

Clear yellow liquid characteristic odor -40F

SECTION 4 - FIRE & EXPLOSION DATA

Flash
Point

217 C.

Method
Used

COC

Flammable Limits
in Air % by VolumeLEL
Lower

NA

UEL
Upper

NA

Auto-ignition
Temperature

unknown

Extinguisher
Mediafoam, CO₂, dry chemical

Special Fire

Fighting Procedures Fire fighters should be equipped with self contained breathing

apparatus

Unusual Fire and
Explosion Hazards

Irritating fumes may develop when heated.

V. Health Hazard Data

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Safety goggles

Respiratory Protection (Specific Type)

None required

Other Protection

Eyewash recommended in work area

Skin Protection

Washing at mealtime and shift end

Ventilation Recommended

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