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SAFETY DATA SHEET according to EC Directive 2001/58/EC

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

Identification of the preparation **LIQUID METAL FILLER 3.5OZ TB**

Item No: **25909**

Recommended use **Sealant**

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Weight Percent	EC Number	Risk Phrases	Exposure limits
BARIUM SULFATE 7727-43-7	45-55	231-784-4	None	10 mg/m ³ (total dust) ACGIH
KAOLIN 1332-58-7	15-25	Not determined	None	2 mg/m ³ (dust) ACGIH
ACETONE 67-64-1	10-20	200-662-2	F;R11, Xi;R36, R66, R67	500 ppm; 1188 mg/m ³ TWA ACGIH
VINYL RESIN 9005-09-8	1-10	Not determined	None	Not listed
ISOBUTYL ACETATE 110-19-0	1-10	203-745-1	F;R11, R66	8h: 150 ppm; 720 mg/m ³ 15min: 200 ppm, 960 mg/m ³
CARBON BLACK 1333-86-4	0.1-1.0	215-609-9	None	3.5 mg/m ³ TWA

3. HAZARDS IDENTIFICATION

Classification

F - Highly flammable, Xi - Irritant

Most Important Hazards:

Highly flammable. Causes eye irritation.. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. Prolonged or repeated contact may cause dry skin.

4. FIRST-AID MEASURES

General advice:

If you feel unwell, seek medical advice (show the label where possible)

Inhalation:

Move to fresh air in case of accidental inhalation of vapors. Oxygen or artificial respiration if needed. Obtain medical attention.

Skin Contact:

Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

Eye Contact:

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Ingestion:

If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.

Protection of first-aiders

Use personal protective equipment.

Notes to Physician:

Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

water spray, carbon dioxide (CO₂), Dry chemical, foam.

Extinguishing media which must not be used for safety reasons

None reasonably foreseeable

Special instructions for protection and hygiene

Flammable. Keep away from heat and sources of ignition.

Special protective equipment for firefighters

Use personal protective equipment. Avoid contact with eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:

For additional information on processing see sections 7, 8 and 11 of this safety data sheet.

Environmental Precautions:

Do not flush into surface water or sanitary sewer system.

Cleanup:

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Ensure adequate ventilation.

7. HANDLING AND STORAGE

Handling precautions:

Keep away from sources of ignition - No smoking. Avoid breathing vapors or mists. Avoid contact with the skin and the eyes. Wash hands before breaks and immediately after handling the product.

Storage

Keep away from heat and sources of ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation: Provide adequate ventilation
Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.
Skin: Rubber or plastic gloves.
Eyes: Safety glasses.
Hygiene Measures: When using, do not eat, drink or smoke

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Black
Odor: SOLVENT
pH: Does not apply
Boiling point/range 55C. to 120C.
Melting point: Not determined
Flash point: <0 C.
risk of explosion Flammable. Heating can release vapors which can be ignited.
vapor pressure 181 mm Hg
Density: 1.8
Solubility in water: Negligible
Partition coefficient (n-octanol/water) not determined
vapor density >1 (Air = 1)
Evaporation Rate: Not determined
VOC Content(%) 7.6%

10. STABILITY/REACTIVITY

Stability Stable at normal conditions
Conditions to Avoid: Heat
Materials to Avoid: Strong oxidizers., acids, Reducing agents., alkaline
Hazardous decomposition products carbon oxides, hydrogen chloride

11. TOXICOLOGICAL INFORMATION

Ingredient	Weight Percent	LD50:	LC 50 (mg/l)
ACETONE 67-64-1	10-20	oral rat; 5800 mg/kg	Inhal rat; 50100 mg/m ³ /8h
CARBON BLACK 1333-86-4	0.1-1.0	oral rat >15400 mg/kg; Dermal rabbit >3 g/kg	

Local Effects

Skin Irritation: May cause skin irritation and/or dermatitis.
Eye Irritation: Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.
Inhalation Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.
Ingestion: Irritating to mouth, throat and stomach.
Sensitization: none under normal use
Chronic Toxicity: None reasonably foreseeable

Specific Effects

Carcinogenic effects: None reasonably foreseeable
Mutagenic effects None reasonably foreseeable
Reproductive toxicity None reasonably foreseeable
Target Organ Effects: Eyes, Skin, Respiratory System

12 ECOLOGICAL INFORMATION

Ecotoxicity: No information available

13. DISPOSAL CONSIDERATIONS

Waste from Residues: According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

14. TRANSPORT INFORMATION

IATA

Proper Shipping Name: Consumer Commodity (Not more than 1 liter)
Hazard Class Class 9
UN/ID No ID 8000

IMDG

Proper shipping name Adhesives, Limited Quantity
Hazard Class Class 3, PG II
UN/ID No UN 1133
Marine Pollutant: None

ADR/RID

Proper Shipping Name: Adhesives, containing flammable liquid
Hazard Class Class 3, PG II
UN/ID No UN 1133
ADR/RID Information: Limited Quantity; LQ06

15. REGULATORY INFORMATION

The product is classified in accordance with Annex VI to Directive 67/548/EEC.

Indication of Danger:

F - Highly flammable Xi - Irritant , acetone

R -phrase(s)

- R11 - Highly flammable
- R36 - Irritating to eyes
- R66 - Repeated exposure may cause skin dryness or cracking
- R67 - vapors may cause drowsiness and dizziness

S -phrase(s)

- S 2 - Keep out of the reach of children
- S16 - Keep away from sources of ignition - No smoking
- S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S51 - Use only in well ventilated areas

16. OTHER INFORMATION

Text of R phrases mentioned in Section 2

R11 - Highly flammable
R36 - Irritating to eyes
R66 - Repeated exposure may cause skin dryness or cracking
R67 - vapors may cause drowsiness and dizziness

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