

STRIP CAULKING

This product appears in the following stock number(s):

7003

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Tradename: STRIP CAULKING

General use:

Chemical family: Inorganic mineral paste

MANUFACTURER

ITW Philadelphia Resins
130 Commerce Dr.
Montgomeryville, PA 18936

EMERGENCY INFORMATION

Emergency telephone number
(CHEMTREC): (800) 424-9300
Other Calls: (215) 855-8450

2. COMPOSITION/INFORMATION ON INGREDIENTS**HAZARDOUS CONSTITUENTS****Exposure limits**

Constituent	Abbr.	CAS No.	Weight percent	ACGIH TLV	OSHA PEL	Other Limits
Calcium Aluminum Silicate		12252334	1-5	n/e	n/e	n/e
Bentonite clay		1302789	1-5	n/e	n/e	n/e
Calcium Oxide		1305788	10-20	2mg/m3	5mg/m3	n/e
Magnesium Oxide		1309484	1-5	10mg/m3	15mg/m3	n/e
Aluminum Silicate		1327362	1-10	n/e	n/e	n/e
Kaolin clay		1332587	20-40	2 mg/m3	15ppm	10 ppm (Canada)
Carbon black		1333864	1-5	3.5 mg/m ³	3.5 mg/m ³	n/e
Aluminum oxide		1344281	1-5	10 mg/m3 (E)	15 mg/m3	10 mg/m3 (Canada)
Aluminum stearate		637127	1-5	n/e	2mg/m3	n/e
Amorphous silica		7631869	10-20	10 mg/m3	6 mg/m3	n/e
Polybutylene		9003296	10-20	n/e	n/e	n/e

"TLV" means the Threshold Limit Value exposure (eight-hour, time-weighted average, unless otherwise noted) established by the American Conference of Governmental Industrial Hygienists. "STEL" indicates a short-term exposure limit. "PEL" indicates the OSHA Permissible Exposure Limit. "n/e" indicates that no exposure limit has been established. An asterisk (*) indicates a substance whose identity is a trade secret of our supplier and unknown to us.

3. HAZARDS IDENTIFICATION

Emergency Overview

Appearance, form, odor: Black soft putty with little odor.

CAUTION! Eye and skin irritant. May be harmful if swallowed.

Potential health effects

Primary routes of exposure: Skin contact Skin absorption Eye contact Inhalation Ingestion

Symptoms of acute overexposure:

Skin: May cause mild irritation (redness, swelling, itching).

Eyes: Mild irritation (redness, swelling, pain, tearing)

Inhalation:

Mild nasal irritation from dust when cutting, grinding, sanding, or machining.

Ingestion:

Irritation of gastrointestinal tissues (pain, vomiting, abdominal tenderness, nausea, blood in vomitus, blood in feces).

Effects of chronic overexposure:

Frequently repeated exposure may cause defatting of skin.

Carcinogenicity -- OSHA regulated: No

ACGIH: No

National Toxicology Program: No

International Agency for Research on Cancer: Yes

Cancer-suspect constituent(s) : Respirable carbon black

Medical conditions which may be aggravated by exposure:

Eye and skin disorders or allergies.

Other effects:

See Section 11.

4. FIRST AID MEASURES

First aid for eyes:

Flush with plenty of water for at least 15 minutes; call a physician.

First aid for skin:

Remove contaminated clothing; wash affected skin with soap and water. Launder clothing before wearing again.

First aid for inhalation:

Move to fresh air; get medical attention if symptoms persist.

First aid for ingestion:

Do NOT induce vomiting. Give two glasses of water to dilute if patient is conscious. Get medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing media:

Water

Carbon dioxide

Dry chemical

Foam

Alcohol foam

Flash Point (°F): > 200

Method: COC

Explosive limits in air (percent) -- Lower: n/d

Upper: n/d

Special firefighting procedures:

Severe fire may require self-contained breathing apparatus and protective clothing.

Unusual fire and explosion hazards:

None known.

Hazardous products of combustion:

Carbon monoxide, carbon dioxide. Other unknown organic compounds.

6. ACCIDENTAL RELEASE MEASURES**Spill control:**

Avoid personal contact. Eliminate ignition sources. Ventilate area.

Containment:

Dike, contain and absorb with clay, sand or other suitable material.

Cleanup:

Sweep up and put in proper container. Soak up residue with an absorbent such as clay, sand, or other suitable material and dispose of properly. Flush area with water to remove trace residue.

Special procedures:

Prevent spill from entering drainage/sewer systems, waterways, and surface waters.

7. HANDLING AND STORAGE**Handling precautions:**

Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after using and particularly before eating, drinking, smoking, applying cosmetics, or using toilet facilities.

Laundry contaminated clothing and protective gear before reuse. Provide appropriate ventilation/respiratory protection against decomposition products (see Section 10) during welding/flame cutting operations and to protect against nuisance dust during sanding/grinding of cured product.

Storage:

Store at 60-80 F.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Engineering controls****Ventilation :**

General mechanical ventilation in enclosed areas.

Other engineering controls :

Have emergency shower and eye wash available.

Personal protective equipment**Eye and face protection:**

Safety glasses with side shields.

Skin protection:

Rubber gloves and rubber or plastic apron as required.

Respiratory protection:

Where ventilation is inadequate, use NIOSH approved respirator for organic mists and vapors. With good ventilation, none required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Specific gravity:	1.92	Boiling point (°F):	n/a
Melting point (°F):	n/d	Vapor density (air = 1):	n/d
Vapor pressure (mmHg):	<<1 at 68 °F	Evaporation rate (butyl acetate = 1):	<<1
VOC (grams/liter):	0	Solubility in water:	very slight
Percent volatile by volume:	0	pH (5% solution or slurry in water):	n/d
Percent solids by weight:	100		

10. STABILITY AND REACTIVITY

This material is chemically stable. Hazardous polymerization will not occur.

Conditions to avoid :

Heat, heated surfaces, static electricity, sparks, flames

Incompatible materials:

Strong oxidizing agents, bleaching agents, acids

Hazardous products of decomposition:

Carbon monoxide, carbon dioxide. Other unknown organic compounds.

Conditions under which hazardous polymerization may occur:

None

11. TOXICOLOGICAL INFORMATION

Acute oral effects: LD50 (rat): Not available.

Acute dermal effects: LD50 (rabbit): Not available.

Acute inhalation effects: LC50 (rat): Not available.

Carbon black (1 hr, rat) LC50 = 27,000 mg/m³

Exposure: 0 hours.

Eye irritation:

Not available.

Subchronic effects:

None known.

Carcinogenicity, teratogenicity, and mutagenicity:

Carbon black has been shown to have In Vivo mutagenic effects on rat lung cells.

Other chronic effects:

None known.

Toxicological information on hazardous chemical constituents of this product:

Constituent	Oral LD50 (rat)	Dermal LD50 (rabbit)	Inhalation LC50 4hr, (rat)
Calcium Aluminum Silicate	n/d	n/d	n/d
Bentonite clay	n/d	n/d	n/d
Calcium Oxide	n/d	n/d	n/d
Magnesium Oxide	n/d	n/d	n/d
Aluminum Silicate	n/d	n/d	n/d
Kaolin clay	n/d	n/d	n/d
Carbon black	n/d	n/d	6750 mg/m3
Aluminum oxide	n/d	n/d	n/d
Aluminum stearate	n/d	n/d	n/d
Amorphous silica	n/d	n/d	n/d
Polybutylene	n/d	n/d	n/d

'n/d' = 'not determined'

12 ECOLOGICAL INFORMATION

Ecotoxicity:

No data available.

Mobility and persistence:

No data available.

Environmental fate:

No data available.

13. DISPOSAL CONSIDERATIONS

Please see also Section 15, Regulatory Information.

Waste management recommendations:

If this material becomes a waste, it would not be a hazardous waste by RCRA criteria (40CFR 261). Dispose of according to applicable federal, state, and local regulations.

14. TRANSPORT INFORMATION

Proper shipping name: Non-regulated
Technical name : N/A
Hazard class : N/A
UN number: N/A
Packing group: N/A
Emergency Response Guide no.: N/A
IMDG page number: N/A
Other: N/A

15. REGULATORY INFORMATION**U.S. Federal Regulations****TSCA**

All ingredients of this product are listed, or are exempt from listing, on the TSCA inventory.

The following RCRA code(s) applies to this material if it becomes waste:

None

Regulatory status of hazardous chemical constituents of this product:

Constituent	Extremely Hazardous*	Toxic Chemical**	CERCLA RQ (lbs)	TSCA 12B Export Notification
Calcium Aluminum Silicate	No	No	0.0	Not required
Bentonite clay	No	No	0.0	Not required
Calcium Oxide	No	No	0.0	Not required
Magnesium Oxide	No	No	0.0	Not required
Aluminum Silicate	No	No	0.0	Not required
Kaolin clay	No	No	0.0	Not required
Carbon black	No	No	0.0	Not required
Aluminum oxide	No	Yes	0.0	Not required
Aluminum stearate	No	No	0.0	Not required
Amorphous silica	No	No	0.0	Not required

Constituent	Extremely Hazardous*	Toxic Chemical**	CERCLA RQ (lbs)	TSCA 12B Export Notification
Polybutylene	No	No	0.0	Not required

*Consult the appropriate regulations for emergency planning and release reporting requirements for substances on the SARA Section 301 Extremely Hazardous Substance list.

**Substances for which the "Toxic Chemical" column is marked "Yes" are on the SARA Section 313 list of Toxic Chemicals, for which release reporting may be required. For specific requirements, consult the appropriate regulations.

For purposes of SARA Section 312 hazardous materials inventory reporting, the following hazard classes apply to this material: - Immediate health hazard -

Canadian regulations

WHMIS hazard class(es) : D2B

16. OTHER INFORMATION

Hazardous Materials Identification System (HMIS) ratings:	Health	Flammability	Reactivity
	1	0	0

The information and recommendations in this document are based on the best information available to us at the time of preparation, but we make no other warranty, express or implied, as to its correctness or completeness, or as to the results of reliance on this document.