

IMPAX 5020 FLOOR RESURFACER DECK GRAY AGGREGATE

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

4030A

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**Tradename:** IMPAX 5020 FLOOR RESURFACER DECK GRAY AGGREGATE**General use:** This information applies to the aggregate mixture sold with resin and hardener. After mixing, handle uncured material as for the hardener; after curing, this product is not hazardous.**Chemical family:** Silica-silicate mixture**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
Crystalline silica		14808607	> 98	0.05 mg/m ³	10/(%Q+2) mg/m ³	0.10 mg/m ³ (Canada)

"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: Deck gray sand with no odor.

CAUTION! Respiratory irritant. Silica Quartz is a suspected human carcinogen based on animal studies. May cause silicosis.

Potential health effects
Primary routes of exposure: Skin contact Skin absorption Eye contact Inhalation Ingestion
Symptoms of acute overexposure:**Skin:** Abrasive, but not otherwise hazardous on skin contact.**Eyes:** Mechanical irritant**Inhalation:**

Irritant. (Inhalation is unlikely, since the aggregate is slightly wetted with a coupling agent which inhibits dusting.)

Ingestion:

No data

Effects of chronic overexposure:

IARC lists respirable crystalline silica as suspect human carcinogens based on animal testing.

Carcinogenicity -- OSHA regulated: No**ACGIH: No****National Toxicology Program: Yes****International Agency for Research on Cancer: Yes****Cancer-suspect constituent(s) :** Respirable Crystalline Silica**Medical conditions which may be aggravated by exposure:**

None reported

Other effects:

See section 11.

4. FIRST AID MEASURES**First aid for eyes:**

Avoid rubbing particles into the eyes. Flush with a gentle flow of clean water. Contact a physician if irritation persists.

First aid for skin:

No first aid needed for simple skin contact. If particles are driven into skin, wash thoroughly and bandage if needed.

First aid for inhalation:

Remove patient to fresh air. Administer oxygen if breathing is difficult. Get medical attention if symptoms are serious or persistent.

First aid for ingestion:

Consult a physician.

5. FIRE FIGHTING MEASURES**Extinguishing media:** Water Carbon dioxide Dry chemical Foam Alcohol foam**Flash Point (°F):** None**Method:** not applicable**Explosive limits in air (percent) -- Lower:** none **Upper:** none**Special firefighting procedures:**

Does not support combustion with oxygen.

Unusual fire and explosion hazards:

None

Hazardous products of combustion:

None

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

Avoid inhalation of dusts if any are raised.

Containment:

N/A

Cleanup:

Shovel or sweep up for re-use or disposal.

Special procedures:

N/A

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

Avoid creating and inhaling dusts of this product.

Storage:

Store in closed containers.

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

Mechanical ventilation as required to keep dust concentration below the TLV.

Other engineering controls :

Have emergency shower and eye wash available.

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

Safety glasses with side shields.

Skin protection:

Long-sleeved clothing.

Respiratory protection:

Should dust be raised in handling (unlikely), wear NIOSH-approved dust respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Specific gravity:	2.57	Boiling point (°F):	4226
Melting point (°F):	3110	Vapor density (air = 1):	No vapor
Vapor pressure (mmHg):	Nil at 78 °F	Evaporation rate (butyl acetate = 1):	Nil
VOC (grams/liter):	0	Solubility in water:	Nil
Percent volatile by volume:	0	pH (5% solution or slurry in water):	Neutral
Percent solids by weight:	100		

10. STABILITY AND REACTIVITY

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

Conditions to avoid :

None

Incompatible materials:

Extremely powerful oxidizers (e.g. fluorine, oxygen difluoride, manganese trioxide, chlorine trifluoride)

Hazardous products of decomposition:

None

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.

Exposure: 0 hours.

Eye irritation:

Not available.

Subchronic effects:

Not available.

Carcinogenicity, teratogenicity, and mutagenicity:

Not available.

Other chronic effects:

Respirable crystalline quartz may cause chronic lung injury (silicosis). Acute or rapid silicosis may occur in a short period of time in heavy exposure in certain occupations such as sandblasters. Silicosis is a form of disabling pulmonary fibrosis which can be progressive and may lead to death. Pulmonary function may be reduced by inhalation of respirable crystalline silica. It may produce lung scarring which may lead to a progressive massive fibrosis, increasing susceptibility to pulmonary tuberculosis. Progressive massive fibrosis may be accompanied by right heart enlargement, heart failure, and pulmonary failure. Smoking aggravates the effects of exposure.

Toxicological information on hazardous chemical constituents of this product:

Constituent	Oral LD50 (rat)	Dermal LD50 (rabbit)	Inhalation LC50 4hr, (rat)
Crystalline silica	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:

The aggregate may be discarded in landfills as nonhazardous waste.

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
Crystalline silica	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: - Delayed health hazard -

Canadian regulations**WHMIS hazard class(es) :** D2B; D2A

All components of this product are on the Domestic Substances List.

California regulations:

For purposes of the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Prop. 65), this product contains a chemical or chemicals known to the State of California to cause cancer.

16. OTHER INFORMATION

**Hazardous Materials
Identification System (HMIS)
ratings:**

Health**1*****Flammability****0****Reactivity****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.