



Safety Data Sheet

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Instacoat Roofing Granules
MANUFACTURER: Instacoat

ADDRESS: 5920 N. Huron Ave
 Oscoda, MI 48750

EMERGENCY PHONE: 1-877-552-6724

Issue Date: 01/01/2017
Revision Date: 03/01/22

Product Use:

Intended Use: Granules for covering roofing shingles.

SECTION 2: INGREDIENTS

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>% by Wt</u>
Meta-rhyolite (composition varies naturally, typically contains feldspars, pyroxene, biotite, magnetite, ilmenite, hematite and calcite)	Mixture	60 - 70
Quartz	14808-60-7	25 - 35
Sodium Based Glass	Trade Secret	0.5 - 4.5
Inorganic Pigments	Mixture	< 0.9
Carbon Black	1333-86-4	< 0.5
Chromium (III) Pigment	1308-38-9	< 0.5
Naphthenic Oil	64742-52-5	< 0.5

SECTION 3: HAZARDS IDENTIFICATION

3.1 EMERGENCY OVERVIEW

Specific Physical Form: Granules

Odor, Color, Grade: Various colors, slightly oily odor, typical particle size 0.84-2.0 mm

General Physical Form: Solid

Immediate health, physical, and environmental hazards: Contains a chemical or chemicals which can cause cancer.

3.2 POTENTIAL HEALTH EFFECTS

Eye Contact:

Mechanical eye irritation: Signs/symptoms may include pain, redness, tearing and corneal abrasion.

Skin Contact:

Mechanical Skin irritation: Signs/symptoms may include abrasion, redness, pain, and itching.

Inhalation:

Upper Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Prolonged or repeated exposure, above recommended guidelines, may cause:

Silicosis: Signs/symptoms may include breathlessness, weakness, chest pain, persistent cough, increased amounts of sputum, and heart disease.

Pneumoconiosis: Sign/symptoms may include persistent cough, breathlessness, chest pain, increased amounts of sputum, and changes in lung function tests.

Ingestion:

No health effects are expected.

Carcinogenicity:

Contains a chemical or chemicals which can cause cancer.

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>Class Description</u>	<u>Regulation</u>
Carbon Black	1333-86-4	Group 2B	International Agency for Research on Cancer
CARBON BLACK EXTRACTS	NONE	Group 2B	International Agency for Research on Cancer
Quartz	14808-60-7	Group 1	International Agency for Research on Cancer
Quartz	14808-60-7	Known human carcinogen	National Toxicology Program Carcinogens
SILICA, CRYSTALLINE (AIRBORNE PARTICLES OF RESPIRABLE SIZE)	NONE	Group 1	International Agency for Research on Cancer
SILICA, CRYSTALLINE (AIRBORNE PARTICLES OF RESPIRABLE SIZE)	NONE	Known human carcinogen	National Toxicology Program Carcinogens

SECTION 4: FIRST AID MEASURES

4.1 FIRST AID PROCEDURES

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

Eye Contact: Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

Skin Contact: Wash affected area with soap and water. If signs/symptoms develop, get medical attention.

Inhalation: Remove person to fresh air. If signs/symptoms develop, get medical attention.

If Swallowed: No need for first aid is anticipated.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Suitable extinguishing media

Non-combustible. Use a fire fighting agent suitable for surrounding fire.

5.2 Special hazards arising from the substance or mixture

Non inherent in this products.

5.3 PROTECTION OF FIRE FIGHTERS

No special protective actions for fire-fighters are anticipated.

Note: See STABILITY AND REACTIVITY (SECTION 10) for hazardous combustion and thermal decomposition information.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Accidental Release Measures: Observe precautions from other sections. Call Instacoat hotline (1-877-552-6724) for more information on handling and managing the spill. Reclaim undamaged product. Collect as much of the spilled material as possible. Clean up residue with detergent and water. Place in a closed container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible.

In the event of a release of this material, the user should determine if the release qualifies as reportable according to local, state, and federal regulations.

SECTION 7: HANDLING AND STORAGE

7.1 HANDLING

For industrial or professional use only. For indoor use: Use general dilution ventilation and/or local exhaust ventilation to control airborne exposure to below Occupational Exposure Limits. If ventilation is not adequate, use respiratory protection equipment.

7.2 STORAGE

No special storage requirements.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 ENGINEERING CONTROLS

For indoor use: Use with appropriate local exhaust ventilation. Provide local exhaust ventilation at transfer points.

8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)

8.2.1 Eye/Face Protection

Avoid eye contact.

The following eye protection(s) are recommended: Safety Glasses with side shields.

8.2.2 Skin Protection

Gloves not normally required. Avoid prolonged or repeated skin contact.

8.2.3 Respiratory Protection

Outdoor: none required.

Indoor: Use general dilution ventilation and/or local general exhaust ventilation to control airborne exposure.

8.2.4 Prevention of Swallowing

Wash hands after handling and before eating.

8.3 EXPOSURE GUIDELINES

<u>Ingredient</u>	<u>Authority</u>	<u>Type</u>	<u>Limit</u>	<u>Additional Information</u>
Carbon Black	ACGIH	TWA	3.5 mg/m ³	Table A4
Carbon Black	CMRG	TWA	0.5 mg/m ³	
Carbon Black	OSHA	TWA	3.5 mg/m ³	Table Z-1
CHROMIUM (III) COMPOUNDS	ACGIH	TWA - specific form	0.5 mg/m ³	as Cr; Table A4
CHROMIUM (III) COMPOUNDS	OSHA	TWA - specific form	0.5 mg/m ³	as Cr; Table Z-1
COPPER COMPOUNDS	ACGIH	TWA - specific form	1 mg/m ³	as Cu dust or mist
COPPER COMPOUNDS	OSHA	TWA - specific form	1 mg/m ³	as dust or mist; Table Z-1A
Naphthenic Oil	CMRG	TWA	5 mg/m ³	
Naphthenic Oil	CMRG	STEL	10 mg/m ³	
Inorganic Pigments	ACGIH	TWA - specific form	5 mg/m ³	as Fe; Table A4
Inorganic Pigments	OSHA	TWA - as fume	10 mg/m ³	Table Z-1A
MANGANESE COMPOUNDS	OSHA	CEIL - specific form	5 mg/m ³	as Mn; Table Z-1A
MANGANESE, INORGANIC COMPOUNDS	ACGIH	TWA - specific form	0.2 mg/m ³	as Mn
Quartz	ACGIH	TWA - respirable	0.05 mg/m ³	Table A2
Quartz	OSHA	TWA - respirable	0.1 mg/m ³	Table Z-1A

SOURCE OF EXPOSURE LIMIT DATA:

ACGIH: American Conference of Governmental Industrial Hygienists

CMRG: Chemical Manufacturer Recommended Guideline

OSHA: Occupational Safety and Health Administration

AIHA: American Industrial Hygiene Association Workplace Environmental Exposure Level (WEEL)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Specific Physical Form:

Granules

Odor, Color, Grade:

Various colors, slightly oily odor, typical particle size 0.84-2.0 mm

General Physical Form:

Solid

Autoignition temperature

No Autoignition Temperature

Flash Point

No Flashpoint

Flammable Limits - LEL	No LEL
Flammable Limits - UEL	No UEL
Specific Gravity	2.6 - 2.7 [Ref Std: WATER=1]
Melting point	No Melting point
Solubility In Water	Not Soluble in Water

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable.

Materials and Conditions to Avoid: None known

Hazardous Polymerization: Hazardous polymerization will not occur.

Hazardous Decomposition or By-Products

<u>Substance</u>	<u>Condition</u>
None known.	

SECTION 11: TOXICOLOGICAL INFORMATION

This information may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by the competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, and ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

Not determined.

CHEMICAL FATE INFORMATION

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Reclaim if feasible. Dispose of waste product in a sanitary landfill. As a disposal alternative, dispose of waste product in a facility permitted to accept chemical waste.

EPA Hazardous Waste Number (RCRA): Not regulated

Since regulations vary, consult applicable regulations or authorities before disposal.

SECTION 14: TRANSPORT INFORMATION

ID Number(s):

98-0111-1216-0, 98-0111-1217-8, 98-0111-1218-6, 98-0111-1219-4, 98-0111-1220-2, 98-0111-1221-0, 98-0111-1222-8, 98-0111-1223-6, 98-0111-1245-9, 98-0111-1246-7, 98-0111-1247-5, 98-0111-1269-9, 98-0111-1288-9, 98-0111-1319-2, 98-0111-

1320-0, 98-0111-1321-8, 98-0111-1322-6, 98-0111-1323-4, 98-0111-1324-2, 98-0111-1325-9, 98-0111-1484-4, 98-0111-1488-5, 98-0111-1545-2, 98-0111-1550-2, 98-0111-1551-0, 98-0111-1781-3

Please contact the emergency numbers listed on the first page of the SDS for Transportation Information for this material.

SECTION 15: REGULATORY INFORMATION

US FEDERAL REGULATIONS

Contact IPP for more information.

311/312 Hazard Categories:

Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No Immediate Hazard - No Delayed Hazard - Yes

STATE REGULATIONS

Contact IPP for more information.

CALIFORNIA PROPOSITION 65

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>Classification</u>
Carbon Black	1333-86-4	**Carcinogen
CARBON BLACK EXTRACTS	NONE	**Carcinogen
SILICA, CRYSTALLINE (AIRBORNE PARTICLES OF RESPIRABLE SIZE)	NONE	**Carcinogen

** WARNING: contains a chemical which can cause cancer.

CHEMICAL INVENTORIES

The components of this product are in compliance with the chemical notification requirements of TSCA.

Contact IPP for more information.

INTERNATIONAL REGULATIONS

Contact IPP for more information.

WHMIS: Hazardous

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 16: OTHER INFORMATION

NFPA Hazard Classification

Health: 1 **Flammability:** 0 **Reactivity:** 0 **Special Hazards:** None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the

inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

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