

Material Safety Data Sheet

24 Hour Assistance:**1-847-367-7700****Rust-Oleum Industrial Flooring****www.toughandeasyfloors.com**

1. Identification

Product Name: Z901947 Clear Coat Plus Activator**Revision Date:** 6/7/2012**Identification Number:** B631944ACT**Product Use/Class:** Clear Coat/Activator**Supplier:** Rust-Oleum Industrial Flooring
11 Hawthorn Parkway
Vernon Hills, IL 60061
USA**Manufacturer:** Rust-Oleum Industrial Flooring
11 Hawthorn Parkway
Vernon Hills, IL 60061
USA**Preparer:** Regulatory Department

2. Hazard Identification

EMERGENCY OVERVIEW: May cause allergic respiratory reaction. Causes skin irritation. Harmful if inhaled. Causes eye irritation.**EFFECTS OF OVEREXPOSURE - EYE CONTACT:** Causes eye irritation.**EFFECTS OF OVEREXPOSURE - SKIN CONTACT:** Causes skin irritation. Allergic reactions are possible. May cause skin sensitization, an allergic reaction, which becomes evident on re-exposure to this material.

EFFECTS OF OVEREXPOSURE - INHALATION: Diisocyanate or polyisocyanate vapors or mist at concentrations above the exposure limits or guideline can irritate the mucous membranes in the respiratory tract. With symptoms of runny nose, sore throat, shortness of breath and reduced lung function. Persons with a preexisting nonspecific bronchial hyper reactivity. As a result of previous repeated overexposures or a single large dose, certain individuals may develop sensitization to diisocyanates, or polyisocyanates that may cause them to react to a later exposure to diisocyanates, or polyisocyanates at levels well below the exposure limits or guidelines. The symptoms which can include chest tightness, wheezing, cough, shortness of breath or asthmatic attack could be delayed up to several hours after exposure. Extreme asthmatic reactions could be life threatening. Sensitization can be permanent. Chronic overexposure to diisocyanates has also been reported to cause lung damage that may be permanent. Prolonged or excessive inhalation may cause respiratory tract irritation. High gas, vapor, mist or dust concentrations may be harmful if inhaled.

EFFECTS OF OVEREXPOSURE - INGESTION: Substance may be harmful if swallowed.**EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS:** Effects of overexposure may include irritation of the nose and throat, irritation of the digestive tract and signs of nervous system depression (e.g., headache, drowsiness, loss of coordination and fatigue). Prolonged or repeated overexposure may cause lung damage.**PRIMARY ROUTE(S) OF ENTRY:** Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

3. Composition/Information On Ingredients

Chemical Name	CAS-No.	Weight % Less Than	ACGIH TLV- TWA	ACGIH TLV- STEL	OSHA PEL-TWA	OSHA PEL- CEILING
Hexamethylene-1,6-diisocyanate homopolymer	28182-81-2	100.0	0.005 ppm	N.E.	N.E.	N.E.

4. First-aid Measures

FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed. If exposed to fumes or vapors, flush eyes with plenty of water for at least 15 minutes. Get medical attention.

FIRST AID - SKIN CONTACT: Remove contaminated clothing. Wash skin with soap and water. Get medical attention. Wash contaminated clothing and decontaminate footwear before reuse.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation.

FIRST AID - INGESTION: If swallowed, do not induce vomiting. If victim is conscious and alert, give 2 to 4 cupfuls of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Treat symptomatically and supportively.

5. Fire-fighting Measures

Flash Point, °F >200 (Setaflash)

EXTINGUISHING MEDIA: Alcohol Foam, Carbon Dioxide, Dry Chemical, Water Fog

UNUSUAL FIRE AND EXPLOSION HAZARDS: No Information

SPECIAL FIREFIGHTING PROCEDURES: Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion. Evacuate area and fight fire from a safe distance.

6. Accidental Release Measures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers.

7. Handling and Storage

HANDLING: Wash thoroughly after handling. Use only in a well-ventilated area. Avoid contact with eyes, skin and clothing.

STORAGE: Keep container closed when not in use.

8. Exposure Controls/Personal Protection

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

SKIN PROTECTION: Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids.

OTHER PROTECTIVE EQUIPMENT: Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application.

HYGIENIC PRACTICES: Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

9. Physical and Chemical Properties

Vapor Density Heavier than Air

Appearance: Liquid

Solubility in Water: None

Specific Gravity: 1.160

Physical State: Liquid

Odor: Slight Amine

Evaporation Rate: Slower than Ether

Freeze Point: N.D.

pH: N.A.

(See section 16 for abbreviation legend)

10. Stability and Reactivity

CONDITIONS TO AVOID: Avoid temperatures above 120 ° F.

INCOMPATIBILITY: No Information

HAZARDOUS DECOMPOSITION: When heated to decomposition, it emits acrid smoke and irritating fumes.

HAZARDOUS POLYMERIZATION: No Information

STABILITY: No Information

11. Toxicological Information**Chemical Name****LD50****LC50**

Hexamethylene-1,6-diisocyanate homopolymer >5000 mg/kg (Rat, Oral)

2.18 mg/L (4Hr)

12. Ecological Information

ECOLOGICAL INFORMATION: No Information

13. Disposal Information

DISPOSAL INFORMATION: Dispose of material in accordance to local, state and federal regulations and ordinances. Do not allow to enter storm drains or sewer systems.

14. Transport Information

	Domestic (USDOT)	International (IMDG)	Air (IATA)
Proper Shipping Name:	Other Regulated Substance, Liquid	Other Regulated Substance, Liquid	Other Regulated Substance, Liquid
Hazard Class:	9	9	9
UN Number:	UN3082	UN3082	UN3082
Packing Group:	III	III	III
Limited Quantity:	No	No	No

15. Regulatory Information**U.S. Federal Regulations:****CERCLA - SARA Hazard Category**

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Reactive Hazard, Acute Health Hazard, Chronic Health Hazard

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No SARA 313 components exist in this product.

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA 12(b) components exist in this product.

International Regulations:**CANADIAN WHMIS:**

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

Canadian WHMIS Class: D2A

16. Other Information**HMIS Ratings:**

Health: 2* Flammability: 1 Physical Hazard: 1 Personal Protection: X

NFPA Ratings:

Health: 2 Flammability: 1 Instability: 1

VOLATILE ORGANIC COMPOUNDS, g/L: 0

REASON FOR REVISION: No Information

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

Rust-Oleum Industrial Flooring believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this material safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. Rust-Oleum Industrial Flooring makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.