



BY ZOLATONE

MSDS

Material Safety
Data Sheet

PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: FLEX Finish Coat by Zolatone

PRODUCT DESCRIPTION: Flex has the classic look and performance of Zolatone with an easy rollable application.

MANUFACTURED BY:



Master Coating Technologies
2777 Eagandale Boulevard
Eagan, MN 55121

Information Phone: 1.800.765.6699

Emergency Phone: 1.800.535.5053

Date of Preparation - 4/30/13

COMPOSITION / INFORMATION OF INGREDIENTS

ALL ingredients in this product are listed in the T.S.C.A. Inventory. (No hazardous ingredients known at this time.)
Does not contain any hazardous ingredients above the limits established in 29 CFR 1910.1200.

HAZARDS IDENTIFICATION

HMIS CODES:

Health	1
Flammability	0
Reactivity	0
Personal Protection	E

0 = INSIGNIFICANT	3 = HIGH
1 = SLIGHT	4 = EXTREME
2 = MODERATE	

PERSONAL PROTECTION PROTECTIVE EQUIPMENT:

HMIS Personal Protection Equipment Letter -- E

Respiratory Protection: Use NIOSH/MSHA approved respirator if vapor mist exceeds TLV. Ventilation: Mechanical ventilation may be necessary during and after application. Protective Gloves: Not usually required. Eye Protection: Safety glasses or goggles. Other Protective Equipment: None

ROUTES OF EXPOSURE:

INHALATION of vapor or spray mist.
EYE or SKIN contact with the product, vapor or spray mist.

EFFECTS OF OVEREXPOSURE:

INHALATION: Vapors are primarily water.
EYES: Irritation.
SKIN: Prolonged or repeated exposure may cause irritation.
SWALLOWED: May be harmful irritant.

FIRST AID MEASURES

EYES: Flush immediately with water for 15 minutes. If irritant evident, see physician. SKIN: Wash affected area with soap and water. INHALATION: If affected, remove from exposure. Restore breathing. SWALLOWED: Do not induce vomiting. If prolonged discomfort, see physician.

FIRE FIGHTING MEASURES

Flammability Class: N/A | Flash Point: N/A | LEL: N/A | UEL: N/A

EXTINGUISHING MEDIA: Liquid materials should not burn. Dried material will support combustion.

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: Containers may explode when exposed to extreme heat. Water may be used to cool un-ruptured containers

ACCIDENTAL RELEASE MEASURES

Steps to be taken in case Material is Released or Spilled: Clean up with approved material. Wash area with water.

Waste Disposal Method: Disposal should be done in accordance with prevailing regulations.

HANDLING AND STORAGE

STORAGE CATEGORY: N/A

Do not allow material to freeze. (Temperature below 32°F / 0°C)

Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling.

Do not take internally. Keep out of the reach of children.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection: Use NIOSH/MSHA approved respirator if vapor mist exceeds TLV. Ventilation: Mechanical ventilation may be necessary during and after application. Protective Gloves: Not usually required.

Eye Protection: Safety glasses or goggles. Other Protective Equipment: None

PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE: 212°F / 100°C

EVAPORATION RATE: 0.11 x nbutyl

ACETATE VAPOR DENSITY: Heavier than air

LIQUID DENSITY: Heavier than water

WATER VOLATILES BY VOLUME: 73.55%

VOLATILES BY WEIGHT: 65.87%

WEIGHT PER GALLON: 9.85 lbs

SPEC. GRAVITY: 1.139

APPEARANCE: Pigmented

VOC CONTENT: Less than 50 g/L (0.50 lb/gal)

STABILITY AND REACTIVITY

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

INCOMPATIBILITY: No hazardous reactions are expected to occur, except strong oxidizers and materials which react with water.

CONDITIONS TO AVOID: Do not permit water reactive materials to mix with this product.

HAZARDOUS DECOMPOSITION TO AVOID: Incomplete combustion may release carbon monoxide.

TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDS: IARC Monograph No. 93 reports there is sufficient evidence of carcinogenicity in experimental rats exposed to titanium dioxide but inadequate evidence for carcinogenicity in humans and has assigned a Group 2B rating. In addition, the IARC summary concludes, "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium is bound to other materials, such as paint."

ECOLOGICAL INFORMATION

No data available.

DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

TRANSPORTATION INFORMATION

US Ground (DOT): Not Regulated | Canada (TDG): Not Regulated | IMO: Not Regulated

REGULATORY INFORMATION

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION: This product does not contain any toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372. CALIFORNIA PROPOSITION 65: No ingredients in this product are subject Prop 65. TSCA CERTIFICATION: All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR. The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.



Zolatone Interior Finishes
2777 Eagandale Boulevard
Eagan, MN 55121

WEB: www.zolatone.com
TOLL FREE: 1.800.765.6699
INTERNATIONAL: 1.651.332.5350





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PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: FLEX Base Coat by Zolatone

PRODUCT DESCRIPTION: Flex Base Coat is an acrylic-based undercoat, specifically designed for Flex Zolatone finishes.

MANUFACTURED BY:



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2777 Eagandale Boulevard
Eagan, MN 55121

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COMPOSITION / INFORMATION OF INGREDIENTS

INGREDIENTS	CAS#	WEIGHT %	EXPOSURE LIMITS		VP
Oxygenated Hydrocarbon	25265-77-4	.44	ACGIN/TLV N/A	OSHA/PEL N/A	Mm Hg N/A

ALL ingredients in this product are listed in the T.S.C.A. Inventory.

HAZARDS IDENTIFICATION

HMIS CODES:

Health	1
Flammability	0
Reactivity	0
Personal Protection	E

0 = INSIGNIFICANT	3 = HIGH
1 = SLIGHT	4 = EXTREME
2 = MODERATE	

PERSONAL PROTECTION PROTECTIVE EQUIPMENT:

HMIS Personal Protection Equipment Letter -- E

Respiratory Protection: Use NIOSH/MSHA approved respirator if vapor mist exceeds TLV. Ventilation: Mechanical ventilation may be necessary during and after application. Protective Gloves: Not usually required. Eye Protection: Safety glasses or goggles. Other Protective Equipment: None

ROUTES OF EXPOSURE:

INHALATION of vapor or spray mist.
EYE or SKIN contact with the product, vapor or spray mist.

EFFECTS OF OVEREXPOSURE:

INHALATION: Vapors may irritate respiratory tract, cause headache or dizziness.
EYES: Irritation.
SKIN: Prolonged or repeated exposure may cause irritation.
SWALLOWED: May cause nausea.

FIRST AID MEASURES

EYES: Flush immediately with water for 15 minutes. If irritant evident, see physician. SKIN: Wash affected area with soap and water. INHALATION: If affected, remove from exposure. Restore breathing. SWALLOWED: Do not induce vomiting. If prolonged discomfort, see physician.

FIRE FIGHTING MEASURES

Flammability Class: N/A | Flash Point: N/A | LEL: N/A | UEL: N/A

EXTINGUISHING MEDIA: Carbon dioxide, foam, dry chemical, water fog. Not a primary life hazard due to water.
SPECIAL FIRE FIGHTING PROCEDURES: Use water fog to cool containers. Use self-contained breathing apparatus (SCRA). Not a primary fire source due to water content. Avoid spreading burning liquid with water used for cooling.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapor is heavier than air. Vapors can be irritating to both eyes and skin. This product should not burn but may spatter if temperature exceeds the boiling point. Closed containers may rupture when exposed to extreme heat. Do not expose these containers to heat, sparks or flame.

ACCIDENTAL RELEASE MEASURES

Steps to be taken in case Material is Released or Spilled: Clean up with approved material. Wash area with water.
Waste Disposal Method: Disposal should be done in accordance with prevailing regulations.

HANDLING AND STORAGE

STORAGE CATEGORY: N/A
Do not allow material to freeze. (Temperature below 32°F / 0°C)
Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling.
Do not take internally. Keep out of the reach of children.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection: Maintain good ventilation. Use NIOSH/MSHA approved respirator if vapor mist exceeds TLV.
Ventilation: Mechanical ventilation may be necessary during and after application. Protective Gloves: Not usually required.
Eye Protection: Safety glasses or goggles. Other Protective Equipment: None

PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE: 212°F / 100°C	VOLATILES BY WEIGHT: 46%
EVAPORATION RATE: Slower than n-Butyl Acetate	WEIGHT PER GALLON: 12.85 lbs
ACETATE VAPOR DENSITY: Heavier than Air	SPEC. GRAVITY: 1.40
LIQUID DENSITY: Heavier than Water	APPEARANCE: Opaque Liquid, Slight Odor
WATER VOLATILES BY VOLUME: 66%	VOC CONTENT: Less than 50 g/L (0.55 lb/gal)

STABILITY AND REACTIVITY

STABILITY: Stable HAZARDOUS POLYMERIZATION: Will not occur
INCOMPATIBILITY: Peroxides and/or strong oxidizing agents.
CONDITIONS TO AVOID: Do not permit water reactive materials to mix with this product.
HAZARDOUS DECOMPOSITION TO AVOID: Incomplete combustion may release carbon monoxide.

TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDS: IARC Monograph No. 93 reports there is sufficient evidence of carcinogenicity in experimental rats exposed to titanium dioxide but inadequate evidence for carcinogenicity in humans and has assigned a Group 2B rating. In addition, the IARC summary concludes, "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium is bound to other materials, such as paint."

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DISPOSAL CONSIDERATIONS

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