MSDS Name: DEVCON® Stainless Steel Putty (ST)
Manufacturer Name: ITW Devcon
Stock Number: 10270

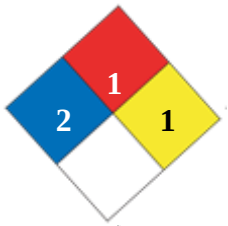
Components:
STAINLESS STEEL PUTTY (ST) RESIN
STAINLESS STEEL PUTTY (ST) HARDENER
ITW Performance Polymers (Finished Goods) Product Code: 10270

View Section : 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION 10270

Product Name:	**STAINLESS STEEL PUTTY (ST) RESIN**
Stock No.:	10270
Manufacturer Name:	ITW Devcon
Address:	30 Endicott St.
	Danvers MA 01923
Product Description:	The following data pertain to the hardener only; properly mixed and cured epoxies are not hazardous.
Business Phone:	(978) 777-1100
Emergency Phone:	(800) 424-9300

NFPA



HMIS

HEALTH	2*
FIRE	1
REACTIVITY	1
PPE	X

*** Chronic Health Effects**

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SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTS 10270

Ingredient Name	CAS#	Ingredient Percent
12-hydroxy-octadecanoic acid glyceride	555-43-1	0.1-1 by Weight
Bisphenol A diglycidyl ether resin	25068-38-6	10-30 by Weight
Chromium	7440-47-3	10-30 by Weight

Iron	7439-89-6	30-60 by Weight
Manganese	7439-96-5	1-5 by Weight
Nickel powder	7440-02-0	5-10 by Weight

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SECTION 3 : HAZARDS IDENTIFICATION 10270

Emergency Overview: WARNING! Potential Sensitizer. Irritant.

Applies to hazardous ingredients :

Route of Exposure: Eyes. Skin. Inhalation. Ingestion

Potential Health Effects:

Eye Contact: Can cause moderate irritation, burning sensation, tearing, redness, and swelling. Overexposure may cause lacrimation, conjunctivitis, corneal damage and permanent injury.

Skin Contact: Can cause skin irritation; itching, redness, rashes, hives, burning, and swelling. Allergic reactions are possible.
May cause skin sensitization, an allergic reaction, which becomes evident on reexposure to this material.

Inhalation: Respiratory tract irritant. High concentration may cause dizziness, headache, and anaesthetic effects. May cause respiratory sensitization with asthma-like symptoms in susceptible individuals.

Ingestion: Causes irritation, a burning sensation of the mouth, throat and gastrointestinal tract and abdominal pain.

Chronic Skin Contact: Prolonged skin contact may lead to burning associated with severe reddening, swelling, and possible tissue destruction.

Target Organs: Eyes. Skin. Respiratory system. Digestive system. Kidney. Liver. Central Nervous System. Reproductive System.

Signs/Symptoms: Overexposure can cause headaches, dizziness, nausea, and vomiting.

Aggravation of Pre-Existing Conditions: Individuals with pre-existing skin disorders, asthma, allergies or known sensitization may be more susceptible to the effects of this product.

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SECTION 4 : FIRST AID MEASURES 10270

Eye Contact: Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Get immediate medical attention.

Skin Contact: Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

Ingestion: If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

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SECTION 5 : FIRE FIGHTING MEASURES 10270

Flash Point: >400 °F (204.4°C)

Flash Point Method: Pensky-Martens Closed Cup

Upper Flammable or Explosive Limit: Not determined.

Lower Flammable or Explosive Limit: Not determined.

Auto Ignition Temperature: Not determined.

Extinguishing Media: Use carbon dioxide (CO2) or dry chemical when fighting fires involving this material.

Unsuitable Media: Water or foam may cause frothing.

Fire Fighting Instructions: Evacuate area of unprotected personnel. Use cold water spray to cool fire

exposed containers to minimize risk of rupture. Do not enter confined fire space without full protective gear. If possible, contain fire run-off water.

Protective Equipment:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Unusual Fire Hazards:	Sealed containers at elevated temperatures may rupture explosively and spread fire due to polymerization.. Heating above 300 deg F in the presence of air may cause slow oxidative decomposition and above 500 deg F may cause polymerization.

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SECTION 6 : ACCIDENTAL RELEASE MEASURES 10270

Leak Response:	Avoid personal contact and breathing vapors or mists. Ventilate area. Use proper personal protective equipment as listed in section 8.
Personal Precautions:	Evacuate area and keep unnecessary and unprotected personnel from entering the spill area.
Spill Cleanup Measures:	Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Provide ventilation. Clean up spills immediately observing precautions in the protective equipment section. After removal, flush spill area with soap and water to remove trace residue.
Environmental Precautions:	Avoid runoff into storm sewers, ditches, and waterways.
Large Spill:	Pump or shovel to storage/salvage vessels.

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SECTION 7 : HANDLING and STORAGE 10270

Handling:	Use with adequate ventilation. Avoid breathing vapor, aerosol or mist.
Storage:	Store in a cool, dry, well ventilated area away from sources of heat and incompatible materials. Keep container tightly closed when not in use.
Hygiene Practices:	Wash thoroughly after handling.
Special Handling Procedures:	Provide appropriate ventilation/respiratory protection against decomposition products (see Section 10) during welding/flame cutting operations and to protect against dust during sanding/grinding of cured product.

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SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION 10270

Engineering Controls:	Use appropriate engineering control such as process enclosures, local exhaust ventilation, general dilution ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.
Skin Protection Description:	Wear appropriate protective gloves and other protective apparel to prevent skin contact.
Hand Protection Description:	Wear appropriate protective gloves. Consult glove manufacturer's data for permeability data.
Eye/Face Protection:	Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.
Respiratory Protection:	A NIOSH approved air-purifying respirator with an organic vapor/particulates combination cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.
Other Protective:	Facilities storing or utilizing this material should be equipped with an eyewash and a deluge shower safety station.
	Only established PEL and TLV values for the ingredients are listed below

Ingredient Guidelines

Ingredient: Chromium

Guideline Type:	OSHA PEL-STEL
Guideline Information:	0.1 mg/m3 Ceiling/Peak
Guideline Type:	OSHA PEL-TWA
Guideline Information:	1 mg/m3
Guideline Type:	ACGIH TLV-TWA
Guideline Information:	0.5 mg/m3

Ingredient: Manganese

Guideline Type:	ACGIH TLV-TWA
Guideline Information:	0.2 mg/m3
Guideline Type:	OSHA PEL -STEL
Guideline Information:	5 mg/m3 Ceiling/Peak

Ingredient: Nickel powder

Guideline Type:	OSHA PEL-TWA
Guideline Information:	1 mg/m3
Guideline Type:	ACGIH TLV-TWA
Guideline Information:	1.5 mg/m3

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SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES 10270

Color:	Dark gray.
Odor:	Little.
Physical State:	Paste.
pH:	Neutral.
Vapor Pressure:	0.03 mmHg @171 °F
Vapor Density:	>1 (air = 1)
Boiling Point:	>500 °F (260°C)
Melting Point:	Not determined.
Solubility in Water:	Negligible.
Specific Gravity:	3.1
Evaporation Point:	<<1 (butyl acetate = 1)
Percent Volatile:	0
Volatile Organic Compound Content:	0 g/L
Molecular Formula:	Varies
Molecular Weight:	Varies
Percent Solids by Weight	100

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SECTION 10 : STABILITY and REACTIVITY 10270

Chemical Stability:	Stable under normal temperatures and pressures.
Conditions to Avoid:	Extreme heat, sparks, and open flame. Incompatible materials, oxidizers and oxidizing conditions. Heating resin above 300 F in the presence of air may cause slow oxidative decomposition.
Incompatibilities with Other Materials:	Strong Lewis or mineral acids, strong oxidizing agents, strong mineral and organic bases (especially primary and secondary aliphatic amines).
Hazardous Polymerization:	Not reported.

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SECTION 11 : TOXICOLOGICAL INFORMATION 10270

Bisphenol A diglycidyl ether resin :

Skin Effects:	Skin - rat LD: >2 gm/kg - [Nutritional and Gross Metabolic - other changes] (RTECS)
Ingestion Effects:	Oral - rat LD: >5 gm/kg - [Nutritional and Gross Metabolic - other changes] (RTECS)

Chromium :

Iron :

Ingestion Effects:	Oral - Rodent rat LD50: 30 gm/kg - [Nutritional and Gross Metabolic - weight loss or decreased weight gain] (RTECS)

Manganese :

Eye Effect:	Eye - Rodent rabbit Standard Draize test : 500 mg/24H - [Mild](RTECS)
Skin Effects:	Skin - Rodent rabbit Standard Draize test : 500 mg/24H - [Mild](RTECS)
Ingestion Effects:	Oral - Rodent rat LD50: 9 gm/kg - [Details of toxic effects not reported other than lethal dose value] (RTECS)
Inhalation Effects:	Inhalation - Human man TCLo - Lowest published toxic concentration: 2300

ug/m3 - [Brain and Coverings - other degenerative changes Behavioral - changes in motor activity (specific assay) Behavioral - muscle weakness] (RTECS)

Nickel powder :

Ingestion Effects:	Oral - Rodent mouse LDLo: 500 mg/kg - [Gastrointestinal - other changes] (RTECS)
Carcinogenicity:	IARC: Group 2B: Possibly carcinogenic to humans NTP: Reasonably anticipated to be a human carcinogen

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SECTION 12 : ECOLOGICAL INFORMATION 10270

Ecotoxicity:	No ecotoxicity data was found for the product.
Environmental Fate:	No environmental information found for this product.

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SECTION 13 : DISPOSAL CONSIDERATIONS 10270

Waste Disposal:	Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines.
RCRA Hazard Class:	None

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SECTION 14 : TRANSPORT INFORMATION 10270

DOT Shipping Name:	Non-regulated
DOT UN Number:	N/A
DOT Hazard Class:	N/A
DOT Packing Group:	N/A
NAERG Number:	N/A
Technical Name	N/A

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SECTION 15 : REGULATORY INFORMATION 10270

Applies to All Ingredients :

TSCA 8(b): Inventory Status:	All of the constituents of this product are either TSCA listed or exempt from listing.

Bisphenol A diglycidyl ether resin :

TSCA 8(b): Inventory Status:	Listed
EC Number:	603-074-00-8

Chromium :

TSCA 8(b): Inventory Status:	Listed
Section 304 CERCLA RQ:	5000 (lbs.)
State:	Listed in the State of Massachusetts Hazardous Substance List. Listed in the New Jersey State Right to Know List. Listed in the Pennsylvania State Hazardous Substances List.

Manganese :

TSCA 8(b): Inventory Status:	Listed
State:	Listed in the State of Massachusetts Hazardous Substance List. Listed in the New Jersey State Right to Know List. Listed in the Pennsylvania State Hazardous Substances List.

Nickel powder :

TSCA 8(b): Inventory Status:	Listed
Section 304 CERCLA RQ:	100 (lbs.)
State:	Listed in the State of Massachusetts Hazardous Substance List. Listed in the New Jersey State Right to Know List. Listed in the Pennsylvania State Hazardous Substances List.
EC Number:	028-002-00-7
Comments:	WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.
Canadian Regulations	WHMIS Hazard Class(es): D2B

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

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SECTION 16 : ADDITIONAL INFORMATION 10270

HMIS:

Health Hazard:	2*
Fire Hazard:	1
Reactivity:	1
Personal Protection:	x

NFPA:

Health:	2
Fire Hazard:	1
Reactivity:	1

MSDS Revision Date:	10/10/2006
MSDS Author:	Actio Corporation

Disclaimer:

This Health and Safety Information is correct to the best of our knowledge and belief at the date of its publication but we cannot accept liability for any loss, injury or damage which may result from its use. The information given in the Data Sheet is designed only as a guidance for safe handling, storage and the use of the substance. It is not a specification nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment.

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PRINT EMAIL GLOSSARY

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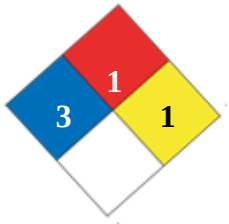
SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION 10270

Product Name:	**STAINLESS STEEL PUTTY (ST) HARDENER**
Stock No.:	10270
Manufacturer Name:	ITW Devcon
Address:	30 Endicott St. Danvers MA 01923
Product Description:	The following data pertain to the hardener only; properly mixed and cured epoxies are not hazardous.
Business Phone:	(978) 777-1100
Emergency Phone:	(800) 424-9300

NFPA



HMIS

HEALTH	3*
FIRE	1
REACTIVITY	1
PPE	X

*** Chronic Health Effects**

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SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTS 10270

Ingredient Name	CAS#	Ingredient Percent
Dimer/TOFA, reaction products with TETA	68082-29-1	30-60 by Weight
Inert material	N/A	5-10 by Weight
Titanium dioxide	13463-67-7	1-5 by Weight
Triethylenetetramine	112-24-3	30-60 by Weight

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SECTION 3 : HAZARDS IDENTIFICATION 10270

Emergency Overview: WARNING! Harmful. Potential Sensitizer. Irritant.

Applies to hazardous ingredients :

Route of Exposure: Eyes. Skin. Inhalation. Ingestion

Potential Health Effects:

- Eye Contact: Can cause severe eye irritation and burns. Eye contact may cause permanent damage or blindness.
- Skin Contact: Causes severe skin irritation. May cause permanent skin damage. Allergic reactions are possible.
  May cause skin sensitization, an allergic reaction, which becomes evident on reexposure to this material.
- Inhalation: Vapor or mist may cause severe respiratory system irritation. May cause respiratory sensitization with asthma-like symptoms in susceptible individuals.
- Ingestion: Causes irritation, a burning sensation of the mouth, throat and gastrointestinal tract and abdominal pain.

Chronic Skin Contact: Prolonged skin contact may lead to burning associated with severe reddening, swelling, and possible tissue destruction

Target Organs: Eyes. Skin. Respiratory system. Digestive system.

Signs/Symptoms: Overexposure may cause eye watering or discomfort, redness and swelling.

Aggravation of Pre-Existing Conditions: Individuals with pre-existing skin disorders, asthma, allergies or known sensitization may be more susceptible to the effects of this product.

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SECTION 4 : FIRST AID MEASURES 10270

Eye Contact: Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Get immediate medical attention.

Skin Contact: Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

Ingestion: If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

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SECTION 5 : FIRE FIGHTING MEASURES 10270

Flash Point: >200 °F (93.3 °C)

Flash Point Method: Tag Closed Cup (TCC)

Upper Flammable or Explosive Limit: Not determined.

Lower Flammable or Explosive Limit: Not determined.

Auto Ignition Temperature: Not determined.

Flammability Class: Class IIIB.

Extinguishing Media:	Use carbon dioxide (CO2) or dry chemical when fighting fires involving this material.
Unsuitable Media:	Water or foam may cause frothing.
Fire Fighting Instructions:	Evacuate area of unprotected personnel. Use cold water spray to cool fire exposed containers to minimize risk of rupture. Do not enter confined fire space without full protective gear. If possible, contain fire run-off water.
Protective Equipment:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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SECTION 6 : ACCIDENTAL RELEASE MEASURES 10270

Leak Response:	Avoid personal contact and breathing vapors or mists. Ventilate area. Use proper personal protective equipment as listed in section 8.
Personal Precautions:	Evacuate area and keep unnecessary and unprotected personnel from entering the spill area.
Spill Cleanup Measures:	Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Provide ventilation. Clean up spills immediately observing precautions in the protective equipment section. After removal, flush spill area with soap and water to remove trace residue.
Environmental Precautions:	Avoid runoff into storm sewers, ditches, and waterways.
Large Spill:	Pump or shovel to storage/salvage vessels.

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SECTION 7 : HANDLING and STORAGE 10270

Handling:	Use with adequate ventilation. Avoid breathing vapor, aerosol or mist.
Storage:	Store in a cool, dry, well ventilated area away from sources of heat and incompatible materials. Keep container tightly closed when not in use. Do not store in reactive metal containers. Keep away from acids, oxidizers.
Hygiene Practices:	Wash thoroughly after handling.
Special Handling Procedures:	Provide appropriate ventilation/respiratory protection against decomposition products (see Section 10) during welding/flame cutting operations and to protect against dust during sanding/grinding of cured product.

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SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION 10270

Engineering Controls:	Use appropriate engineering control such as process enclosures, local exhaust ventilation, general dilution ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.
Skin Protection Description:	Wear appropriate protective gloves and other protective apparel to prevent skin contact.
Hand Protection Description:	Wear appropriate protective gloves. Consult glove manufacturer's data for permeability data.
Eye/Face Protection:	Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.
Respiratory Protection:	A NIOSH approved air-purifying respirator with an organic vapor/particulates combination cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.
Other Protective:	Facilities storing or utilizing this material should be equipped with an eyewash and a deluge shower safety station.
	Only established PEL and TLV values for the ingredients are listed below

Ingredient Guidelines

Ingredient: Titanium dioxide

Guideline Type:	ACGIH TLV-TWA
Guideline Information:	10 mg/m3

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SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES 10270

Color:	White.
Odor:	Mild ammonia like.
Physical State:	Paste.
pH:	10-11 @ 5 Percent Solution
Vapor Pressure:	<0.01 mmHg @68°F
Vapor Density:	>1 (air = 1)
Boiling Point:	>450°F (232.2°C)
Melting Point:	Not determined.
Solubility in Water:	30-60%
Specific Gravity:	1.02
Evaporation Point:	<<1 (butyl acetate = 1)
Percent Volatile:	0
Volatile Organic Compound Content:	0 g/L
Molecular Formula:	Varies
Molecular Weight:	Varies
Percent Solids by Weight	100

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SECTION 10 : STABILITY and REACTIVITY 10270

Chemical Stability:	Stable under normal temperatures and pressures.
Conditions to Avoid:	Extreme heat, sparks, and open flame. Incompatible materials, oxidizers and oxidizing conditions.
Incompatibilities with Other Materials:	Oxidizers, acids, and chlorinated organic compounds. Reactive metals (e.g. sodium, calcium, zinc). Sodium/calcium hypochlorite. Nitrous acid/ oxide, nitrites. Peroxides. Materials reactive with hydroxyl compounds.
Hazardous Polymerization:	Not reported.

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SECTION 11 : TOXICOLOGICAL INFORMATION 10270

Titanium dioxide :

Skin Effects:	Skin - Human Standard Draize test : 300 ug/3D-I - [Mild](RTECS)
Ingestion Effects:	Oral - Rodent rat TDLo - Lowest published toxic dose: 60 gm/kg - [Gastrointestinal - hypermotility, diarrhea Gastrointestinal - other changes] (RTECS)
Inhalation Effects:	Inhalation - Rodent rat TCLo - Lowest published toxic concentration: 1 mg/kg - [Lungs, Thorax, or Respiration - other changes Biochemical - Metabolism (Intermediary) - effect on inflammation or mediation of inflammation] (RTECS)
Carcinogenicity:	IARC: Group 2B: Possibly carcinogenic to humans

Triethylenetetramine :

Eye Effect:	Eye - Rodent rabbit Standard Draize test : 20 mg/24H - [Moderate](RTECS)
Skin Effects:	Skin - Rodent rabbit Standard Draize test : 5 mg/24H - [Severe](RTECS) Skin - Rodent rabbit LD50: 805 mg/kg - [Details of toxic effects not reported other than lethal dose value](RTECS)
Ingestion Effects:	Oral - Rodent rat LD50: 2500 mg/kg - [Details of toxic effects not reported other than lethal dose value] (RTECS) Oral - Rodent mouse LD50: 38.5 mg/kg - [Details of toxic effects not reported other than lethal dose value] (RTECS)

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SECTION 12 : ECOLOGICAL INFORMATION 10270

Ecotoxicity:	No ecotoxicity data was found for the product.
Environmental Fate:	No environmental information found for this product.

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SECTION 13 : DISPOSAL CONSIDERATIONS 10270

Waste Disposal:	Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines.
RCRA Hazard Class:	None

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SECTION 14 : TRANSPORT INFORMATION 10270

DOT Shipping Name:	Non-regulated
DOT UN Number:	N/A
DOT Hazard Class:	N/A
DOT Packing Group:	N/A
NAERG Number:	N/A
Technical Name	N/A

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SECTION 15 : REGULATORY INFORMATION 10270

Applies to All Ingredients :

TSCA 8(b): Inventory Status:	All of the constituents of this product are either TSCA listed or exempt from listing.

Titanium dioxide :

TSCA 8(b): Inventory Status:	Listed
State:	Listed in the State of Massachusetts Hazardous Substance List. Listed in the Pennsylvania State Hazardous Substances List.

Triethylenetetramine :

TSCA 8(b): Inventory Status:	Listed
State:	Listed in the State of Massachusetts Hazardous Substance List. Listed in the Pennsylvania State Hazardous Substances List.
EC Number:	612-059-00-5
Comments:	WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.
Canadian Regulations	WHMIS Hazard Class(es): D2B All components of this product are on the Canadian Domestic Substances List.

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SECTION 16 : ADDITIONAL INFORMATION 10270

HMIS:	
Health Hazard:	3*
Fire Hazard:	1
Reactivity:	1
Personal Protection:	x
NFPA:	
Health:	3
Fire Hazard:	1
Reactivity:	1
MSDS Revision Date:	10/10/2006
MSDS Author:	Actio Corporation

Disclaimer:

This Health and Safety Information is correct to the best of our knowledge and belief at the date of its publication but we cannot accept liability for any loss, injury or damage which may result from its use. The information given in the Data Sheet is designed only as a guidance for safe handling, storage and the use of the substance. It is not a specification nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment.

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