



The Kindt-Collins Company LLC

12651 Elmwood Ave
Cleveland, Ohio 44111

12 Red Extrusion Wax

DATE PREPARED: 1/9/2002

LAST REVISION: 1/3/2007

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER: Kindt-Collins Company LLC
12651 Elmwood Ave
Cleveland, OH 44111

INFORMATION PHONE: (216) 252-4122

EMERGENCY PHONE: (800) 424-9300
(Chemtrec)

PRODUCT NAME: 12 Red Extrusion Wax

PRODUCT NUMBER:

UPC NUMBER:

SYNONYMS:

PREPARED BY Kathy Louney-Bilski

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	Ingredient %	OSHA PEL	ACGIH TLV
A BLEND OF WAX AND RESIN		100		

This Product is completely colophony free with no detectable trace elements.

3. HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW:

POTENTIAL HEALTH EFFECTS

EYE CONTACT: Fumes from molten product may cause irritation. Contact with molten product may cause severe thermal burns.

INHALATION: Product dust may cause respiratory tract irritation. Molten wax may cause irritation to the respiratory tract

INGESTION: Low order of acute systematic toxicity

SKIN CONTACT: Contact with molten wax may cause severe thermal burns.

SIGNS AND SYMPTOMS OF EXPOSURE:

4. FIRST AID MEASURES

EYE CONTACT: Ambient wax - flush wax particles with tepid water. Hot wax - seek medical attention

INHALATION: When fume or mist occurs remove to fresh air. If person is not breathing provide oxygen or artificial respiration. Seek medical attention.

INGESTION: Small quantities - permit to pass through system. Large quantities - seek medical attention

SKIN CONTACT: Ambient wax - wash with soap and water. Molten wax - cool wax immediately - do not remove wax from skin. Seek medical attention.

AGGRAVATED MEDICAL CONDITIONS:

SUPPLEMENTAL HEALTH INFORMATION:

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASH POINT: >200°C

FLASH POINT METHOD USED: COC, ASTM D-92

AUTOIGNITION: Not Determined

LEL: N/A

UEL: N/A

EXTINGUISHING MEDIA:

Use water fog, alcohol-type foam, dry chemical, or CO2. Do not use direct stream of water.

SPECIAL FIRE FIGHTING PROCEDURES:

Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece in positive pressure mode. Move containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

As with most solid or particulate organic material, extremely high dust concentration in air may result in a potential fire hazard. Good housekeeping practices will prevent any significant accumulations.

COMBUSTION PRODUCTS:

N/A

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED:

Sweep up material and place in appropriate disposal container. If molten wax-contain spill as much as possible and let molten wax cool. Once solid, place material in appropriate disposal container.

7. HANLDING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Follow all MSDS/label precautions even after container is emptied because they may retain product residues.

OTHER PRECAUTIONS:

N/A

8. EXPOSURE CONTROL/PERSONAL PROTECTION

RESPIRATORY PROTECTION:

Normally none required. For mist and fumes ussed approved NIOSH/MSHA organic respirator.

VENTILATION: Provide exhaust ventilation sufficient to keep the airborne concentration of this product below its exposure limits. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination

PROTECTIVE GLOVES: Ambient wax- cotton gloves /Molten wax- Impervious heat protectivegloves

EYE PROTECTION: Safety glasses with side shields (or goggles) and a face shield.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N/A

WORK / HYGENIC PRACTICES:

Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the restroom facilities.

ENGINEERING CONTROLS: Good ventilation should be sufficient to control airborne levels. Do not let molten product stand unused in melt tanks and injection machines. Stir molten product at all times.

EXPOSURE GUIDELINES:

9. PHYSICAL AND CHEMICAL PROPERTIES

SOLUABILITY IN WATER: Insoluable

APPEARANCE AND ODOR: Waxy Solid, little or no odor.

BOILING POINT: 660-730° F

FREEZING POINT: N/A

VAPOR PRESSURE: N/A

PERCENT VOLATILE: N/A

EVAPORATION: N/A

PH: N/A

POUNDS PER GALLON: N/A

MOLECULAR WEIGHT: N/A

SPECIFIC GRAVITY: ~.930

VAPOR DENSITY: N/A

MELTING POINT: 144+/-6 °F

OTHER PROPERTIES:

10. STABILITY AND REACTIVITY

STABLE: Stable

INCOMPATIBILITY: Strong oxidizing materials.

HAZARDOUS DECOMPOSITION OR BY PRODUCTS: Carbon dioxide (Carbon monoxide with incomplete combustion)

HAZARDOUS POLYMERIZATION: Will Not Occur

11. TOXICOLOGY INFORMATION

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

Any disposal practice must be in compliance with federal, state, and local regulations. Do not dump into sewers, ground, or any body of water.

14. TRANSPORTATION INFORMATION

DOT CLASS: Non-Hazardous

HAZARD CLASS: Non-Hazard

UN NUMBER: Non-Hazard

PACKING: Non-Hazard

GUIDE NUMBER: N/A

PROPER SHIPPING NAME: Non-Hazardous

15. REGULATORY INFORMATION

EC Classification: No hazardous ingredients as defined by OSHA 29 CFR 1910.1200

SARA Title III
per 40 CFR 372.45(f) toxic chemicals if so listed here in the mixture do not exceed the specified upper bound concentration value listed as Wt%

Section 302 : Extremely Hazardous (If Section is blank - then it is N/A (not applicable))

Chemical Name	CAS number	Wt. %
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Section 311-312: Hazardous Catergorization (If Section is blank - then it is N/A (not applicable))

Chemical Name	CAS number	Wt. %
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Section 313: Toxic Chemical (If Section is blank - then it is N/A (not applicable))

Chemical Name	CAS number	Wt. %
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WHIMIS (If Section is blank - then it is N/A (not applicable))

Chemical name	CAS number	Wt. %
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Proposition 65 (If Section is blank - then it is N/A (not applicable))

Chemical name	CAS number	Wt. %
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16. OTHER INFORMATON

HMIS INFORMATION: HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0 PROTECTIVE:

DISCLAIMER

The information contained herein is based on the data available to The Kindt-Collins LLC and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. We assume no responsibilities for injury from the use of this product desribed herein.

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