



SAFETY DATA SHEET
4030 INTERCOAT CLEAR
9/30/15

MANUFACTURER OR DISTRIBUTOR: **Auto Air Colors**
14 Airport Park Road
East Granby, Connecticut 06026 U.S.A.

INFORMATION TELEPHONE NUMBER: **800-243-2712**

EMERGENCY TELEPHONE NUMBER: **800-243-2712**

SECTION I – PRODUCT IDENTIFICATION

PRODUCT NAME: **4030 Intercoat Clear**

PRODUCT NUMBER: **4030**

PRODUCT SIZES: **4 OZ, 8 OZ, 16 OZ, & 32 OZ**

BRAND NAME: **Auto Air Colors Intercoat Clear**

PRODUCT CLASS: **Resin**

SECTION II – POTENTIAL HEALTH EFFECTS

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE,
ACCORDING TO REGULATION (EC) NO. 1272 / 2008:

Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335

CLASSIFICATION ACCORDING TO DIRECTIVE
67 / 548/EEC / 1999 / 45 / EEC:

Xi; R36 / 37 / 38

LABEL ELEMENTS:

Hazard Pictogram:



GHS07

SIGNAL WORD:

Warning

HAZARDOUS COMPONENT(S) TO BE INDICATED ON LABEL:

triethylamine

H-STATEMENTS:

H315: Causes skin irritation.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.

P-STATEMENTS:

P312: Call POISON CENTER or doctor / physician if you feel unwell.
P337+P313: If eye irritation persists: Get medical advice / attention

FURTHER INFORMATION:

EUH208: Contains 1,2-benzisothiazol – 3(2H)- one. May produce an allergic reaction.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.



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SECTION III - HAZARDOUS INGREDIENTS

Ingredient	CAS #	Classification (EEC) 67/548 (EC) 1272/2008	Concentration
Triethylamine	121-44-8	F; R11 C; R35 Xn: R20 / 21 / 22	1.0 – 1.5 % by weight
1,2-benzisothiazol-3(2H)-one	2634-33-5	Xn; R22 R43 Xi; R38-41 N; R50	< 0.03 % by weight

SECTION IV - FIRST AID

FIRST AID MEASURES:	In case of accident or un-wellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
IF INHALED:	Inhaling of droplets in the air or aerosols may lead to irritations of the respiratory tract. If experiencing respiratory symptoms: Immediately call a doctor.
IN CASE OF SKIN CONTACT:	Wash with plenty of water / soap. In case of skin reactions, consult a physician.
IN CASE OF EYE CONTACT:	In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.
IF SWALLOWED:	Get medical advice / attention.
SYMPTOMS:	May cause sensitization by skin contact. Irritation to respiratory tract. Irritation to eyes. Skin corrosion / irritation.
MEDICAL ATTENTION:	First aid, decontamination, treatment of symptoms.

SECTION V - FIRE FIGHTING MEASURES

FLASH POINT (METHOD):	Not Applicable
AUTOIGNITION TEMPERATURE:	Not Applicable
EXPLOSION LIMITS IN AIR (% BY VOLUME):	Not Explosive
EXTINGUISHING MEDIA:	No special media required.
REQUIRED FIRE FIGHTING PROCEDURES:	No special firefighting procedures required.
UNUSUAL FIRE & EXPLOSION HAZARDS:	Not Combustible

SECTION VI - SPILL AND LEAK PROCEDURES

PERSONAL PRECAUTIONS:	Do not get in eyes, on skin or on clothing. Avoid breathing dust / fume / gas / mist / vapors / spray. Use personal protection equipment.
ENVIRONMENTAL PRECAUTIONS:	Do not allow to enter into surface water or drains.
STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED:	Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid – or universal binding agents).
REFERENCE TO OTHER SECTIONS:	Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13



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SECTION VII - HANDLING AND STORAGE

SAFE HANDLING: Do not eat or drink while using product.
Provide good ventilation.
Avoid: Generation / formation of aerosols.
Avoid contact with skin and eyes.
Remove contaminated clothing and wash it before reuse.

ADVICE ON PROTECTION AGAINST FIRE AND EXPLOSION: No special measures are necessary.

STORAGE SPECIFICATIONS: Protect against: Frost
Keep container tightly closed.

TRGS 510 12 – Non-combustible liquids.

SECTION VIII - EXPOSURE CONTROLS

CONTROL PARAMETERS:

Triethylamine
Europe

Long-term exposure value / mg / m³: 8.4
Long-term exposure value / ppm: 2
Short term exposure value / mg / m³: 12.6
Short term exposure value / ppm: 3
Note: Skin
Issuing date: 2000 / 39
Source 24 (Directive 2009 / 161 / EU)

USA

Not classifiable as a Human Carcinogen Danger of cutaneous absorption
Short term exposure limit: 3 ppm
Long term exposure value: 1 ppm
Basis: Irritation, vision
Source 27 (ACGIH Threshold Limit Values for Chemical Substances 2008)

DNEL

Value: 8.4 mg / m³
Target group: Worker – Inhalative, long term – Systemic
Source 100 (supplier / own data / liberator)

PNEC

Value	Target Group – Source 100
0.064 mg/l	PNEC aquatic, freshwater
0.0064 mg/l	PNEC aquatic, marine water
0.1992 mg/kg	PNEC sediment, freshwater
2.361 mg/kg	PNEC soil
100 mg/l	PNEC sewage treatment plant (STP)
0.064 mg/l	PNEC aquatic, intermittent release
Source 100 (supplier / own data / liberator)	

RESPIRATORY PROTECTION: Triethylamine is released when the substance is applied and dried.
Provide adequate ventilation.
In case of inadequate ventilation wear protection.
Filter type: A, K



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HAND PROTECTION	Wear suitable gloves.
Suitable material:	NBR (Nitrile rubber)
Material thickness:	> = 0, 4 mm
Break through time:	> 480 min
Suitable material:	FKM (fluoro rubber)
Material thickness:	>= 0, 7 mm
Break through time:	> 480 min.
EYE PROTECTION:	Wear closed protection glasses.
SKIN AND BODY PROTECTION:	Wear suitable protective clothing.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid
Color:	Whitish
Odor:	Characteristic
Odor threshold:	Not determined
State (PH)	7,5 – 8,5
Measuring Method	DIN ISO 976
Melting point / Freezing point	ca. 0° C
Boiling Point	100° C
Flash Point	not applicable
Evaporation rate [kg/(s*m2)]	not determined
Flammability (solid, gas)	not applicable
Explosion limits [Vol-%]	
Lower limit:	not determined
Upper limit:	not determined
Vapor pressure [kPa]	2.3
Temperature:	20° C
Vapor density	not determined
Density [g / cm3]	ca. 1,05
Temperature:	20° C
Measuring methods:	DIN 53217
Relative density	not determined
Water solubility [g/l]	completely miscible
Partition coefficient n-octanol / water (log P O/W)	not determined
Auto ignition temperature [°C]	not applicable
Decomposition temperature [°C]	not determined
Viscosity, dynamic	20-200
Unit:	mPas
Measuring method:	ISO 1652, Brookfield RVT



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Risk of explosion	not explosive
Oxidizing properties	not applicable
Ignition temperature [°C]	not determined
Solid content	34-36
Measuring method:	DIN EN ISO 3251

SECTION X – STABILITY AND REACTIVITY

REACTIVITY:	No hazardous reaction when handled and stored according to provisions.
STABILITY:	Triethylamine is released when the substance is applied and dried.
HAZARDOUS REACTIONS:	No information available.
CONDITIONS TO AVOID:	No information available.
MATERIAL TO AVOID:	No information available.
HAZARDOUS DECOMPOSITION PRODUCTS:	No information available.

SECTION XI – TOXICOLOGICAL INFORMATION

ACUTE EFFECTS ASSOCIATED WITH USE OF THIS MATERIAL

Triethylamine:

Oral toxicity [mg/kg]	730
Test criteria	LD50
Test species	Rat
Source	100
Dermal toxicity [mg/kg]	580
Test criteria	LD50
Test species	Rabbit
Source	100
LC50 Inhalation 4h for vapors (mg/l)	7,1
Test criteria	LC50
Test species	Rat
Source	100
Specific target organ toxicity (mg/kg)	
Special effects	Irritation to respiratory tract
Source	100

1,2 – Benzisothiazolin – 3 – one:

Oral toxicity [mg/kg]	1193
Test criteria	LD50
Test species	Rat
Source	100
Dermal toxicity [mg/kg]	4115
Test criteria	LD50
Test species	Rat

Source 100 – supplier / own data / liberator

SUBACUTE, SUBCHRONIC, CHRONIC TOXICITY: No data available

IRRITANT EFFECT ON SKIN: Irritant



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IRRITANT EFFECT ON EYES:	Irritant
IRRITANT EFFECT ON THE RESPIRATORY TRACT:	Irritant
SENSITIZATION:	May cause sensitization by skin contact.
CARCINOGENIC EFFECTS:	Under certain conditions, triethylamine may form nitrosamines when exposed to nitrating agents (e.g. nitrites, nitrogen oxides). Nitrosamines have proven to be carcinogens' in experiments with animals.
MUTAGENICITY:	No data available.
REPRODUCTION TOXICITY:	No data available.
CAUSTIC EFFECT:	Irritating to eyes, respiratory system and skin.
DERMAL ABSORPTION:	Triethylamine: The product is skin resorbtive.
EXPERIENCE IN PRACTICE:	Triethylamine causes damage to the liver and kidneys of experimental animals.

SECTION XII – ECOLOGICAL INFORMATION

HAZARDOUS INGREDIENTS

Triethylamine:

Toxicity to fish [mg/l]	36
Test criteria	LC50
Test species	Oncorhynchus mykiss (Rainbow trout)
Measuring method	
Exposure duration	96h
Source	100
Toxicity to daphnia [mg/l]	17
Test criteria	LC50
Test species	Ceriodaphnia spec
Measuring method	Semi-static
Exposure duration	48h
Source	100
NOEC (fish) (mg/l)	3.2
Test criteria	NOEC
Test species	Oncorhynchus mykiss (Rainbow trout)
Measuring method	Semi-static
Exposure duration	60d
Source	100
NOEC (daphnia) (mg/l)	7.2
Test criteria	NOEC
Test species	Ceriodaphnia spec
Measuring method	Semi-static
Exposure duration	7d
Source	100
Toxicity to bacteria (mg/l)	95
Test criteria	EC50
Test species	Pseudomonas putida
Measuring method	DIN 38412 / part 8
Remarks	aerobic.
Exposure duration	17h
Source	100



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1,2 – Benzisothiazolin – 3 – one:	
Toxicity to fish [mg/l]	2.18
Test criteria	LC50
Test species	Oncorhynchus mykiss (Rainbow trout)
Exposure duration	96h
Source	100
Toxicity to daphnia [mg/l]	2.94
Test criteria	EC50
Test species	Daphnia magna
Exposure duration	48h
Source	100
Toxicity to algae [mg/l]	0.11
Test criteria	EC50
Test species	Pseudokirchneriella subcapitata
Exposure duration	72h
Source	100

BIODEGRADABILITY:	No data in the mixture is available. Triethylamine is slightly biodegradable (according to OECD criteria).
BIOACCUMULATION:	No data available.
MOBILITY IN SOIL:	No data available.
PBT and vPvB ASSESSMENT:	The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.
ENVIRONMENTAL HAZARDS:	No data available.

SECTION XIII - DISPOSAL CONSIDERATIONS

DISPOSAL CONSIDERATIONS:	Do not dispose of with household waste. Do not allow to enter drains. Dispose of waste according to applicable legislation.
UNCLEANED EMPTY PACKAGING:	Handle contaminated packages in the same way as the substance itself.
SUITABLE CLEANING AGENTS:	Water (with cleaning agent).

Retain contaminated washing water and dispose of it.

SECTION XIV - TRANSPORTATION INFORMATION

SUITABLE CLEANING AGENTS:	
14.1 UN-No:	
Land transport ADR / RID	Not applicable
Marine transport IMDG	Not applicable
Air transport ICAO / IATA	Not applicable
14.2 UN-proper shipping name:	
Land transport ADR / RID	Non dangerous goods
Marine transport IMDG	Non dangerous goods
Air transport ICAO / IATA	Non dangerous goods
14.3 UN-transport hazard class(es):	
Land transport ADR / RID	Not applicable
Marine transport IMDG	Not applicable
Air transport ICAO / IATA	Not applicable



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14.4 UN-packaging group:	
Land transport ADR / RID	Not applicable
Marine transport IMDG	Not applicable
Air transport ICAO / IATA	Not applicable
14.5 UN-environmental hazards:	
Land transport ADR / RID	Not applicable
Marine transport IMDG	Not applicable
Air transport ICAO / IATA	Not applicable

PRECAUTIONS: Not applicable

TRANSPORT IN BULK ACCORDING to
ANNEX II of MARPOL 73 / 78 and the IBC Code: Not applicable

SECTION XV - REGULATORY INFORMATION

SAFETY ASSESSMENT: Not applicable

SECTION XVI - OTHER INFORMATION

This information is provided in accordance with the current status of our knowledge and experience. The Safety Data Sheet describes products with a view to relevant safety requirements. This information does not constitute a warranty of properties, features or qualities.