

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 06/03/2015 Revision

Revision date: 01/11/2016

Version: 4.1

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Product name : Black ISO
Product code : US1040744XX

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Polyester resin coating with specific properties for manufacturing diverse parts.

1.3. Details of the supplier of the safety data sheet

A. Schulman Inc 3637 Rdgewood Road Fairlawn, OH 44333

Customer service phone: 1-800-54-RESIN

Regulatory Information Contact: ea@us.aschulman.com

1.4. Emergency telephone number

Emergency number : For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Day or Night

Within USA and Canada: 1-800-424-9300 CCN707712

Outside USA and Canada: +1 703-741-5970 (collect calls accepted)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US dassification

Flam, Liq. 3 Skin Irrit. 2

Eye Irrit. 2A

Skin Sens. 1 Repr. 2

STOT SE 3

STOT RE 1

2.2. Label elements

GHS-US labelling

Hazard pictograms (GHS-US)







Signal word (GHS-US) : Danger

Hazard statements (GHS-US) Flammable liquid and vapour

Causes skin irritation

May cause an allergic skin reaction Causes serious eye irritation May cause respiratory irritation

Suspected of damaging fertility or the unborn child

Causes damage to organs through prolonged or repeated exposure Keep away from heat/sparks/open flames/hot surfaces. - No smoking

Keep cool

Do not breathe dust/fume/gas/mist/vapours/spray

Wash ... thoroughly after handling Avoid release to the environment

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Precautionary statements (GHS-US)



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Wear protective gloves/protective clothing/eye protection/face protection

Immediately call a poison center/doctor/...

In case of fire: Use media other than water to extinguish Store in a well-ventilated place. Keep container tightly closed

Dispose of contents/container to ...

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	
styrene	(CAS No.) 100-42-5	>= 25	
Talc (Mg3H2(SiO3)4)	(CAS No.) 14807-96-6	10 - 25	
Methyl methacrylate	(CAS No.) 80-62-6	1 - 5	

The specific chemical identity and/or exact percentage (concentration) of the composition has been withheld as a trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Move the affected person aw

: Move the affected person away from the contaminated area. Immediately consult a doctor/medical service. If possible, show him this sheet. Failing this, show him the packaging or

label. Do not leave affected person unattended.

First-aid measures after inhalation : Call a physician immediately. If unconscious place in recovery position and seek medical

advice.

First-aid measures after skin contact : After contact with skin, take off immediately all contaminated clothing, and wash immediately

with plenty of water. Rinse immediately with plenty of water for 15 minutes. If symptoms persist,

call a physician.

First-aid measures after eye contact : Remove contact lenses, if present and easy to do. Continue rinsing. Rinse immediately and

thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). If eye irritation

persists, consult a specialist.

First-aid measures after ingestion : In all cases of doubt, or when symptoms persist, seek medical advice. IF SWALLOWED: rinse

mouth. Do NOT induce vomiting. Do not give milk.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation : May cause respiratory irritation.

Symptoms/injuries after skin contact : Skin irritation, dermatitis and sensitisation. May cause sensitisation of susceptible persons by

skin contact.

Symptoms/injuries after eye contact : Causes serious eye irritation.

Symptoms/injuries after ingestion : May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

4.3. Indication of any immediate medical attention and special treatment needed

If you feel unwell, seek medical advice.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Alcohol resistant foam. dry chemical powder. Carbon dioxide.

Unsuitable extinguishing media : high volume water jet.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Do not allow run-off from fire fighting to enter drains or water courses

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Reactivity : Stable under normal conditions.

Advice for firefighters

Firefighting instructions : Comply with local regulations for disposal.

Protection during firefighting In case of fire: Wear self-contained breathing apparatus.

Use water spray/stream to protect personnel and to cool endangered containers. Collect Other information contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

61.1. For non-emergency personnel

Protective equipment : Wear suitable protective clothing.

Emergency procedures Remove all sources of ignition. Ensure adequate ventilation. Evacuate personnel to a safe

area. Special attention should be given to low areas/pits where flammable vapours can

accumulate.

For emergency responders

No additional information available

6.2. **Environmental precautions**

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Methods and material for containment and cleaning up

For containment : Collect the residue by means of a non-combustible absorbent material. Collect all waste in

suitable and labelled containers and dispose according to local legislation.

Collect spillage. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or Methods for cleaning up

universal binding agents). Store in a well-ventilated place. Keep container tightly closed.

Reference to other sections

See Heading 8.

SECTION 7: Handling and storage

Precautions for safe handling

Additional hazards when processed : Use isolated drainage to prevent discharge to soil. Take precautionary measures against static

discharge. The product may charge electrostatically: use earthing wires when transferring from one container to another. In order to rule out potential electrostatic discharge production, the

system must be adequately grounded.

Precautions for safe handling Do not exceed the occupational exposure limits (OEL). Avoid contact with skin and eyes.

Provide sufficient air exchange and/or exhaust. Provide good ventilation in process area to prevent formation of vapour.

Hygiene measures : Do no eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage conditions Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.

Containers which are opened should be properly resealed and kept upright to prevent leakage.

Storage temperature

Heat and ignition sources This material can be ignited by heat, sparks, flames, or other sources of ignition (e.g., static

electricity, pilot lights, mechanical/electrical equipment, and electronic devices such as cell phones, computers, calculators, and pagers which have not been. Explosion-proof electrical equipment and lighting with earth. Electrical equipment should be protected to the appropriate

standard.

Specific end use(s)

(Read the technical data sheet).

SECTION 8: Exposure controls/personal protection

Control parameters

Black ISO	
ACGIH	Not applicable

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Black ISO			
OSHA	Not applicable		
Talc (Mg3H2(SiO3)	4) (14807-96-6)		
ACGIH	ACGIH TWA (mg/m³)	2 mg/m³	
IDLH	US IDLH (mg/m³)	1000 mg/m³	
NIOSH	NIOSH REL (TWA) (mg/m³)	2 mg/m³	
OSHA	OSHA PEL (TWA) (ppm)	20 mppcf	
Methyl methacryla	te (80-62-6)		
ACGIH	ACGIH TWA (mg/m³)	205 mg/m³	
ACGIH	ACGIH TWA (ppm)	50 ppm	
ACGIH	ACGIH STEL (mg/m³)	410 mg/m³	
ACGIH	ACGIH STEL (ppm)	100 ppm	
IDLH	US IDLH (ppm)	1000 ppm	
NIOSH	NIOSH REL (TWA) (mg/m³)	410 mg/m³	
NIOSH	NIOSH REL (TWA) (ppm)	100 ppm	
OSHA	OSHA PEL (TWA) (mg/m³)	410 mg/m³	
OSHA	OSHA PEL (TWA) (ppm)	100 ppm	
styrene (100-42-5)			
ACGIH	ACGIH TWA (mg/m³)	85 mg/m³	
ACGIH	ACGIH TWA (ppm)	20 ppm	
ACGIH	ACGIH STEL (mg/m³)	170 mg/m³	
ACGIH	ACGIH STEL (ppm)	40 ppm	
IDLH	US IDLH (ppm)	700 ppm	
NIOSH	NIOSH REL (TWA) (mg/m³)	215 mg/m³	
NIOSH	NIOSH REL (TWA) (ppm)	50 ppm	
NIOSH	NIOSH REL (STEL) (mg/m³)	425 mg/m³	
NIOSH	NIOSH REL (STEL) (ppm)	100 ppm	
OSHA	OSHA PEL (TWA) (mg/m³)	420 mg/m³	
OSHA	OSHA PEL (TWA) (ppm)	100 ppm	
OSHA	OSHA PEL (Ceiling) (ppm)	200 ppm	
		74 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

8.2. **Exposure controls**

Materials for protective clothing

: Chemical resistant safety shoes. Overall.

Hand protection

Remark (OSHA)

: Wear suitable gloves. PVC gloves. A waterproof cream can protect exposed skin parts. Do not use if contact has already taken place. In case of reutilization, clean gloves before taking off and store in well-aired place. Before removing gloves clean them with soap and water. Protective gloves have to be replaced at the first sign of deterioration.

in any 3 hrs.)

(Acceptable maximum peak above the acceptable

ceiling concentration for an 8-hr shift: 600 ppm 5 mins.

Eye protection

OSHA

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Safety glasses with side shields. Do not wear contact lenses.

Skin and body protection

Wear anti-static footwear and clothing. Tight protective clothing required. Only wear fitting, comfortable and clean protective clothing. Wash clothing before re-using. Avoid contact with skin. May cause sensitisation of susceptible persons by skin contact.



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Respiratory protection

: In case of insufficient ventilation, wear suitable respiratory equipment. If excessive exposure exists, use only approved air-purifying or supplied air respirator operated in a positive pressure

mode. Consult supplier for specific recommendations.

: Do not empty into drains. Environmental exposure controls

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid : BLACK Colour : Pungent Odour

Odour threshold No data available No data available pΗ : No data available Melting point Freezing point : No data available

100 °C **Boiling point** Flash point 28.33 °C

Relative evaporation rate (butylacetate=1) : No data available Flammability (solid, gas) : No data available No data available **Explosive limits Explosive properties** No data available Oxidising properties : No data available Vapour pressure No data available Relative density No data available

Relative vapour density at 20 °C

Solubility Water: Negligible Log Pow : No data available Log Kow No data available No data available Self ignition temperature Decomposition temperature No data available No data available Viscosity Viscosity, kinematic > 20,5 mm²/s : No data available Viscosity, dynamic

Other information

No additional information available

SECTION 10: Stability and reactivity

Reactivity

Stable under normal conditions.

10.2. **Chemical stability**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Possibility of hazardous reactions

Vapours may form explosive mixture with air.

Conditions to avoid 10.4.

No additional information available

Incompatible materials

Strong acids. Strong bases. Oxidizing agents. Peroxides.

10.6. Hazardous decomposition products

Stable under normal conditions.



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SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity : Not classified

Talc (Mg3H2(SiO3)4) (14807-96-6)	
ATE US (dust,mist)	1,500 mg/l/4h
styrene (100-42-5)	
ATE US (vapours)	11,000 mg/l/4h
Skin corrosion/irritation	; Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Talc (Mg3H2(SiO3)4) (14807-96-6)	
IARC group	3 - Not classifiable

Talc (Mg3H2(SiO3)4) (14807-96-6)			
IARC group	3 - Not classifiable		
National Toxicology Program (NTP) Status	1 - Evidence of Carcinogenicity, 5 - Twelfth Report - Items under consideration		
Methyl methacrylate (80-62-6)			
IARC group	3 - Not classifiable		
styrene (100-42-5)			
IARC group 2B - Possibly carcinogenic to humans			
National Toxicology Program (NTP) Status	3 - Reasonably anticipated to be Human Carcinogen		
In OSHA Hazard Communication Carcinogen list	Yes		

Reproductive toxicity : Suspected of damaging fertility or the unborn child.

Specific target organ toxicity (single exposure) : May cause respiratory irritation.

Aspiration hazard : Not classified

Symptoms/injuries after inhalation : May cause respiratory irritation.

Symptoms/injuries after skin contact Skin irritation, dermatitis and sensitisation. May cause sensitisation of susceptible persons by

Causes damage to organs through prolonged or repeated exposure.

skin contact.

Symptoms/injuries after eye contact : Causes serious eye irritation.

Symptoms/injuries after ingestion : May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

SECTION 12: Ecological information

Specific target organ toxicity (repeated

12.1. **Toxicity**

exposure)

styrene (100-42-5)		
LC50 fish 1	10 mg/l	
EC50 Daphnia 1	4,7 mg/l	
ErC50 (algae)	4,9 mg/l	
NOEC chronic crustacea	1,01 mg/l	

12.2. Persistence and degradability

Black ISO	
Persistence and degradability	No data available.



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Bioaccumulative potential

Black ISO		
Bioaccumulative potential No data available.		_
styrene (100-42-5)		
Log Pow	3	

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Other adverse effects No data available.

Effect on the global warming : No known ecological damage caused by this product.

SECTION 13: Disposal considerations

Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations. Hazardous waste. Solvent.

Sewage disposal recommendations Do not allow to enter into surface water or drains.

: Dispose of this material and its container to hazardous or special waste collection point. Handle Waste disposal recommendations

contaminated packaging in the same way as the product itself.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Transport document description : UN1866 Resin solution (flammable), 3, III

UN-No.(DOT) : UN1866

Proper Shipping Name (DOT) : Resin solution

Transport hazard class(es) (DOT) : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120

Hazard labels (DOT) : 3 - Flammable liquid



Packing group (DOT)

DOT Packaging Non Bulk (49 CFR 173.xxx)

DOT Packaging Bulk (49 CFR 173.xxx)

DOT Special Provisions (49 CFR 172.102)

: III - Minor Danger

: 173 : 242

: B1 - If the material has a flash point at or above 38 C (100 F) and below 93 C (200 F), then the bulk packaging requirements of 173.241 of this subchapter are applicable. If the material has a flash point of less than 38 C (100 F), then the bulk packaging requirements of 173.242 of this subchapter are applicable.

B52 - Notwithstanding the provisions of 173.24b of this subchapter, non-reclosing pressure relief devices are authorized on DOT 57 portable tanks.

IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).

T2 - 1.5 178.274(d)(2) Normal 178.275(d)(3)

TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = 97 / (1 + a (tr - tf)) Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.



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DOT Packaging Exceptions (49 CFR 173.xxx) DOT Quantity Limitations Passenger aircraft/rail : 60 L (49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49 : 220 L

CFR 175.75)

DOT Vessel Stowage Location

: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a

passenger vessel.

Additional information

Other information : No supplementary information available.

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory except for:

Chlorite-group minerals	CAS No 1318-59-8	0,1 - 1
Non hazardous material	CAS No 999999	>= 25
Synthetic amorphous silica, fumed	CAS No 112945-52-5	1 - 5

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Methyl methacrylate	CAS No 80-62-6	1 - 5
styrene	CAS No 100-42-5	>= 25
methanol	CAS No 67-56-1	< 0,1

methanor	O/10 110 07-30-1	~ U, I
Methyl methacrylate (80-62-6) Subject to reporting requirements of United States SARA Section 313		
SARA Section 313 - Emission Reporting	1,0 %	

styrene (100-42-5)	
Subject to reporting requirements of United S	tates SARA Section 313
SARA Section 313 - Emission Reporting	0.1 %

15.2. International regulations

CANADA

Talc (Mg3H2(SiO3)4) (14807-96-6)	
Listed on the Canadian DSL (Domes	tic Substances List)
WHMIS Classification	Class D Division 2 Subdivision A - Very toxic material causing other toxic effects
Methyl methacrylate (80-62-6)	
Listed on the Canadian DSL (Domes	tic Substances List)
WHMIS Classification	Class B Division 2 - Flammable Liquid Class D Division 2 Subdivision B - Toxic material causing other toxic effects
styrene (100-42-5)	
Listed on the Canadian DSL (Domes	tic Substances List)
WHMIS Classification	Class B Division 2 - Flammable Liquid Class D Division 2 Subdivision A - Very toxic material causing other toxic effects

National regulations

EN (English)

Our definition of success is helping you achieve yours.



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Talc (Mg3H2(SiO3)4) (14807-96-6)

Listed on the AICS (the Australian Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the Korean ECL (Existing Chemicals List)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on INSQ (Mexican national Inventory of Chemical Substances)

Listed on CICR (Turkish Inventory and Control of Chemicals)

Methyl methacrylate (80-62-6)

Listed on the AICS (the Australian Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the Korean ECL (Existing Chemicals List)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Japanese Pollutant Release and Transfer Register Law (PRTR Law)

Listed on the Canadian IDL (Ingredient Disclosure List)

Listed on INSQ (Mexican national Inventory of Chemical Substances)

Listed on CICR (Turkish Inventory and Control of Chemicals)

styrene (100-42-5)

Listed on the AICS (the Australian Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the Korean ECL (Existing Chemicals List)

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Japanese Pollutant Release and Transfer Register Law (PRTR Law)

Listed on the Canadian IDL (Ingredient Disclosure List)

Listed on INSQ (Mexican national Inventory of Chemical Substances)

Listed on CICR (Turkish Inventory and Control of Chemicals)

15.3. US State regulations

California Proposition 65 - This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer, developmental and/or reproductive harm

Talc (Mg3H2(SiO3)4) (14807-96-6)

U.S. - Massachusetts - Right To Know List

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - New Jersey - Special Health Hazards Substances List

U.S. - Pennsylvania - RTK (Right to Know) List



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Methyl methacrylate (80-62-6)

- U.S. California Toxic Air Contaminant List (AB 1807, AB 2728)
- U.S. Illinois Toxic Air Contaminants
- U.S. Massachusetts Allowable Ambient Limits (AALs)
- U.S. Massachusetts Allowable Threshold Concentrations (ATCs)
- U.S. Massachusetts Oil & Hazardous Material List Groundwater Reportable Concentration Reporting Category 1
- U.S. Massachusetts Oil & Hazardous Material List Groundwater Reportable Concentration Reporting Category 2
- U.S. Massachusetts Oil & Hazardous Material List Reportable Quantity
- U.S. Massachusetts Oil & Hazardous Material List Soil Reportable Concentration Reporting Category 1
- U.S. Massachusetts Oil & Hazardous Material List Soil Reportable Concentration Reporting Category 2
- U.S. Massachusetts Right To Know List
- U.S. Massachusetts Threshold Effects Exposure Limits (TELs)
- U.S. Massachusetts Toxics Use Reduction Act
- U.S. New Jersey Discharge Prevention List of Hazardous Substances
- U.S. New Jersey Environmental Hazardous Substances List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. New Jersey Special Health Hazards Substances List
- U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List
- U.S. Pennsylvania RTK (Right to Know) List

styrene (100-42-5)

- U.S. California SCAQMD Toxic Air Contaminants Non-Cancer Acute
- U.S. California SCAQMD Toxic Air Contaminants Non-Cancer Chronic
- U.S. California Toxic Air Contaminant List (AB 1807, AB 2728)
- U.S. Illinois Toxic Air Contaminant Carcinogens U.S. Illinois Toxic Air Contaminants
- U.S. Massachusetts Allowable Ambient Limits (AALs)
- U.S. Massachusetts Allowable Threshold Concentrations (ATCs)
- U.S. Massachusetts Drinking Water Maximum Contaminant Levels (MCLs)
- U.S. Massachusetts Oil & Hazardous Material List Groundwater Reportable Concentration Reporting Category 1
- U.S. Massachusetts Oil & Hazardous Material List Groundwater Reportable Concentration Reporting Category 2
- U.S. Massachusetts Oil & Hazardous Material List Reportable Quantity
- U.S. Massachusetts Oil & Hazardous Material List Soil Reportable Concentration Reporting Category 1
- U.S. Massachusetts Oil & Hazardous Material List Soil Reportable Concentration Reporting Category 2
- U.S. Massachusetts Right To Know List
- U.S. Massachusetts Threshold Effects Exposure Limits (TELs) U.S. Massachusetts Toxics Use Reduction Act
- U.S. New Jersey Discharge Prevention List of Hazardous Substances
- U.S. New Jersey Environmental Hazardous Substances List
- U.S. New Jersey Primary Drinking Water Standards Maximum Contaminant Levels MCLs
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. New Jersey Special Health Hazards Substances List
- U.S. New Jersey Water Quality Ground Water Quality Criteria
- U.S. New Jersey Water Quality Practical Quantitation Levels (PQLs)
- U.S. California Safer Consumer Products Initial List of Candidate Chemicals and Chemical Groups
- U.S. Pennsylvania Drinking Water Maximum Contaminant Levels (MCLs)
- U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List
- U.S. Pennsylvania RTK (Right to Know) List

SECTION 16: Other information

Revision date : 11/01/2016 00:00:00

Version : 4.1 SDS Major/Minor : None



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