



MATERIAL SAFETY DATA SHEET

[According to Regulation (EC) No 1907/2006 of the European Parliament]

Section 1: Identification of the preparation and of the company

1.1. Identification of the substance or preparation

Product name
Product code

ACTIVATOR
IC AC 7010

1.2. Use of substance/preparation

Resin curing activator.

1.3. Company/ undertaking identification

Manufacturer:

Silcare® SP. Z O. O. SP. K.
Ul. Kostrzynska 1, 66-400
Gorzow Wlkp. Poland
+48 95 722-75-74
www.silcare.com
technolog03@silcare.com

Telephone:

Website:

e-mail:

1.4. Emergency telephone

112 (emergency number)

Section 2: Hazards Identification

2.1. Classification of the substances or composition

Classification according to WE/1272/2008 (CLP):

Flam Liq. 2	H225	Highly flammable liquid and vapour
Eye Irrit. 2	H319	Causes serious eye irritation
STOT SE 3	H336	May cause drowsiness or dizziness

2.2. Labelling



Signal word: Danger

Hazard statements:

Eye Irrit. 2	H319	Causes serious eye irritation
Flam Liq.2	H225	Highly flammable liquid and vapour
STOT SE 3	H336	May cause drowsiness or dizziness
	EUH066	Repeated exposure May cause skin dryness or cracking

Precautionary statements:

P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P243	Take precautionary measures against static discharge.
P260	Do not breathe vapours.
P262	Do not get in eyes, on skin, or on clothing.

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P271 Use only outdoors or in a well-ventilated area.
P305+P351+P313 IF IN EYES: Rinse cautiously with water for several minutes. Get medical advice.
P403 Store in a well-ventilated place.

2.3. Other hazardous

Not determined

Section 3: Composition/ Information of ingredients**3.2. Composition**

Chemical Identity and concentration range	CAS No.	EINECS No.	GHS/CLP
Ethyl Acetate 50.0-100.0%	141-78-6	205-500-4	Flam. Liq. 2 H225; Eye Irrit. 2 H319; STOT SE 3 H336; EUH066
Dimethyltolylamine 0.1-1.0%	99-97-8	202-805-4	Acute Tox. 3 H301; Acute Tox. 3 H311; Acute Tox. 3 H331; STOT RE 2 H373; Aquatic Chronic 3 H412

Full text of H-phrases is provided in section 16.

Section 4: First aid measures**4.1. Description of first aid measures****First aid for skin:**

Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

First aid for eye:

Bathe the eye with running water for 15 minutes. Consult a doctor.

First aid for ingestion:

Wash out mouth with water. If conscious, give half a liter of water to drink immediately. Consult a doctor.

First aid for inhalation:

Move to fresh air in case of accidental inhalation of vapours. Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed**Skin contact:**

There may be irritation and redness at the site of contact. Prolonged or repeated contact may cause defatting of the skin, which can lead to dermatitis.

Eye contact:

There may be irritation and redness. The eyes may water profusely.

Ingestion:

Headaches or general malaise may result. May cause dizziness. Nausea and stomach pain may occur. Inhalation of fumes from the stomach may cause symptoms similar to direct inhalation.

Inhalation:

There may be irritation of the throat with a feeling of tightness in the chest.

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

No further relevant information available

Section 5: Fire-fighting Measures

5.1. Extinguishing media:

Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture:

Highly flammable. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back. In combustion emits toxic fumes of carbon dioxide/carbon monoxide. In combustion emits toxic fumes of nitrogen oxides.

5.3. Advice for fire-fighters:

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Refer to section 8 of MSDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorized personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

6.2. Environmental precautions

Do not discharge into drains or rivers. Contain the spillage using binding.

6.3. Methods and material for containment and cleaning up

Absorb into dry earth or sand. Transfer to a closable, labeled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

6.4. Reference to other sections

Disposal of the product - Section 13
Personal protection – Section 8

Section 7: Handling and storage

7.1. Precautions for safe handling

Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools.

7.2. Conditions for safe storage, including any incompatibilities

Store in cool, well ventilated area. Keep container tightly closed. Keep away from source of ignition. Prevent the buildup of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition. Do not place in LDPE containers.

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7.3. Specific end use(s)

No data.

Section 8: Exposure controls/ personal protection**8.1. Control parameters**

Chemical Identity/ CAS	NDS [mg/m ³]	NDSch [mg/m ³]	NDSP	DSB
Ethyl Acetate 141-78-6	200	950	-	-

8.2. Exposure controls

Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition. Ensure all engineering measures mentioned in section 7 of MSDS are in place.

8.2.1. Occupational exposure controls***Respiratory protection***

IF occupational exposure limits is likely to be exceeded, respiratory protective equipment will be needed. Self-contained breathing apparatus must be available in case of emergency.

Hand protection

Chemical resistant protective gloves (preferred Butyle Rubber).

Eye protection

Safety glasses.

Ventilation

Sufficient ventilation must be provided to maintain airborne concentrations below Limits as listed in Section 8.

Other protective equipment

Eye bath should be provided.

8.2.2. Environmental exposure controls

Any reject of product in the sewer stream must be avoided.

Section 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Appearance	Non-viscous liquid	
Colour	Colourless	
Odor & Odor Threshold	Sweet-smelling	
Boiling Point	77°C at 1013 hPa (Ethyl Acetate)	
Vapor Pressure (kPa)	~12.5 (25°C)	
Relative Density	0.90	
Flash Point	-3°C	
Flammable Limit (%v/v)	<u>Upper</u>	<u>Lower</u>
Ethyl Acetate	12	2
Solubility In Water (20°C)	Soluble	
Also soluble in	Most organic solvents.	
Evaporation Rate	Fast	
Viscosity	~0.5 cPs	

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9.2. Other information

Non-oxidising (by EC criteria)

Section 10: Stability and reactivity

10.1. Reactivity:

Material is stable under non-emergency conditions.

10.2. Chemical stability:

Stable under normal conditions. Stable at room temperature.

10.3. Possibility of hazardous reactions:

Not known.

10.4. Conditions to avoid:

Heat, hot surfaces, sources of ignition, flames, direct sunlight.

10.5. Incompatible materials:

Strong oxidizing agents. Strong acids.

10.6. Hazardous decomposition products:

In combustion emits toxic fumes of carbon dioxide/carbon monoxide. In combustion emits toxic fumes of nitrogen oxides.

Section 11: Toxicological information

11.1. Information on toxicological effects:

Ingredient	LD50 (Oral, Rat)	LC50 (Inhal, Rat)	LC (Dermal, Rabbit)
Ethyl acetate	11300 mg/kg	1600 ppm (8h)	-

Dimethyltolylamine (intraperitoneal, mouse) LD50 212mg/kg

Routes of exposure refer to section 4 of MSDS for routes of exposure and corresponding symptoms.

Section 12: Ecological Information

12.1. Toxicity

No data.

12.2. Persistence and degradability

Biodegradable

12.3. Bioaccumulative potential

No bioaccumulation potential.

12.4. Mobility in soil

Readily absorbed into soil. Soluble in water. Volatile.

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12.5. Results of PBT assessment

No data.

12.6. Other adverse effects

Negligible ecotoxicity.

Section 13: Disposal considerations**13.1. Waste treatment methods**

Disposal operations: Dispose of as Special Waste in accordance with local and national legislation. R1 Solvent reclamation/regeneration
Disposal of packaging: After draining, leave to vent in a safe place away from sources of ignition and heat. Beware of vapours remaining in empty drums that may ignite.

The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information**14.1. UN number**

UN 1993

14.2. UN proper shipping name

Flammable Liquid, N.O.S. (Ethyl acetate)

14.3. Transport hazard class(es)

3

14.4. Packing group

II

14.5. Environmental hazards

No data.

14.6. Special precautions for user

ADR/RID Classification code: F1; Hazard IN no: 33
IMDG/IMO EmS: F-E, S-E
IATA/ICAO Packing instructions: 305 (P&CA); 307 (CAO)

Section 15: Regulatory information

Clean Air Act: HAP/ODS	This product contains the following hazardous air pollutants (HAP and ODS's), as defined by the U.S. Clean Air Act: This product does not contain any ODS's (Ozone Depleting Substances).
Clean Water Act: Priority Pollutant	This product contains no chemicals listed under the U. S. Clean Water Act Priority Pollutant List.
FDA: Food Packaging Status	This product has not been cleared by the FDA for use in food packaging and / or other applications as an indirect food additive.

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Occupational Safety and Health Act	This product is considered to be a hazardous chemical under the OSHA Hazard Communication Standard. Its hazards are: <ul style="list-style-type: none"> • Immediate (acute) health hazard • Delayed (chronic) health hazard • Reactive hazard
RCRA	This product is not considered to be a hazardous waste under RCRA (40 CFR 261).
SARA Title III: Section 302 (TPQ)	This product contains no chemicals regulated under Sec. 302 as extremely hazardous substances.
SARA Title III: Section 302 (RQ)	This product contains the following chemicals regulated under Section 302 as extremely hazardous chemical for emergency release notification (" CERCLA" List).
SARA Title III: Section 311-312:	This product is considered hazardous under the OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370). Its hazards are: <ul style="list-style-type: none"> • Immediate (acute) health hazard • Delayed (chronic) health hazard • Reactive hazard
SARA Title III: Section 313:	This product contains following chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:
TSCA Section 8(b): Inventory: TSCA Significant New Use Rule:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements. None of the chemicals listed have a SNUR under TSCA.

International Regulations:

EINECS: European Inventory:	<p>The matting product:</p> <p>Hazard statements: H225 Highly flammable liquid and vapour, H319 Causes serious eye irritation; H336 May cause drowsiness or dizziness</p> <p>Precautionary statements: P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking; P243 Take precautionary measures against static discharge; P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Get medical advice/attention.</p>
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Section 16: Other information

Full range of H-Phrases from Section 2 and 3.

Flam. Liq. 2	H225	Highly flammable liquid and vapour
Acute Tox. 3	H301	Toxic if swallowed.
Acute Tox. 3	H311	Toxic in contact with skin.
Eye Irrit. 2	H319	Causes serious eye irritation.
Acute Tox. 3	H331	Toxic if inhaled.
STOT SE 3	H336	May cause drowsiness or dizziness
STOT RE 2	H373	May cause damage to organs through prolonged or repeated exposure
Aquatic Chronic 3	H412	Harmful to aquatic life with long-lasting effects.
	EUH066	Repeated exposure may cause skin dryness or cracking.

P-Phrases

P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
 P243 Take precautionary measures against static discharge.
 P260 Do not breathe vapours.
 P262 Do not get in eyes, on skin, or on clothing.
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Disclaimer

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Silcare® requires all Customers who receive this Security Data Record to study it carefully in order to be informed of any dangers presented by the product. As far as security is concerned, the Customer should:

- Inform his employees, agents and sub-contractors of information contained in this form.
- Supply one copy of this form to each one of his own Customers for this product.
- Ask for these same Customers to inform in turn their own Employees and Customers.

THE ABOVE INFORMATION MAY BE BASED IN PART ON INFORMATION PROVIDED BY COMPONENT SUPPLIERS AND IS BELIEVED TO BE CORRECT AS OF THE DATE HEREOF. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY USE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OF THESE DATA. THE RESULTS TO BE OBTAINED FROM THE USE OF THE MATERIAL, OR THE HAZARDS CONNECTED WITH SUCH USE. SINCE THE INFORMATION CONTAINED HEREIN MAY BE APPLIED UNDER CONDITIONS BEYOND OUR CONTROL AND WITH WHICH WE MAY BE UNFAMILIAR, AND SINCE DATA MADE AVAILABLE SUBSEQUENT TO THE DATE HEREOF MAY SUGGEST MODIFICATION OF THE INFORMATION, WE ASSUME NO RESPONSIBILITY FOR THE RESULT OF ITS USE. THIS INFORMATION AND MATERIAL IS FURNISHED ON THE CONDITION THAT THE PERSON RECEIVING IT SHALL MAKE HIS/HER OWN DETERMINATION AS TO THE SUITABILITY OF THE MATERIAL FOR HIS/HER PARTICULAR PURPOSE AND ON THE CONDITION THAT HE/SHE ASSUME THE RISK OF HIS/HER USE THEREOF.