



ROCK-IT XC™

TECHNICAL DATA SHEET

DESCRIPTION

Rock-It XC is a high quality, urethane, textured coating that provides a durable, chemical and fade resistant, protective finish for truck beds, recreational vehicles, industrial equipment, restoration and more.

FEATURES

- Best-in-class durability, gloss and texture
- Superior fade resistance and UV stability
- 50 state compliant
- T³ True Tint Technology™ – non-yellowing formula
- Produces a variety of textures with **Economy Coating Gun**, HVLP gun, roller, or brush
- Resistant to a variety of strong chemicals
- Durable coating that maintains flexibility
- Excellent for sound dampening
- Outstanding adhesion to most surfaces

SUITABLE SUBSTRATES

PROPERLY PREPPED (SEE PREPARATION SECTION)

- Steel
- Aluminum
- Galvanized
- Existing OEM Paint
- Polyester Fillers
- E-coat
- Fiberglass
- SMC
- GRP
- Plastics
- Wood
- Concrete

TYPICAL PROPERTIES

Part:	Product Name:	Color:	Container:
46644	Rock-It XC Catalyst	Clear	Quart
46646	Rock-It XC Catalyst	Clear	Half Pint
46650	Rock-It XC Kit – Black	Black	Kit
46654	Rock-It XC – Black	Black	Quart (80% full)
46655	Rock-It XC – Black	Black	5 Gallon Pail
46670	Rock-It XC Kit – Tintable	Gray Opaque	Kit
46674	Rock-It XC – Tintable	Gray Opaque	Quart (80% full)
46675	Rock-It XC – Tintable	Gray Opaque	5 Gallon Pail
4665-DR	Rock-It XC – Black	Black	54 Gallon Drum
4667-DR	Rock-It XC – Tintable	Gray Opaque	54 Gallon Drum

Kit Contains:	4 each 80% filled quart bottles containing the liner material
	1 quart Rock-It XC™ Catalyst
	1 each 71102 Economy Coating Gun
Solvent Resistance:	No color transfer with 100+ double rubs (ASTM D 5402)
RTS VOC:	46650, 46670 – 1.63 #/gal maximum (196 g/L)
Pot Life @ 70°F (21°C) and 50% R.H.	30 minutes
Coverage:	150 sq. ft. per gallon (dependent on application method)
Optimum Film Thickness:	10 – 20 mils
Dust Free Time:	45 – 60 minutes
Heat Cure Recommendations:	30 minute flash, 40 minutes at 140°F (60°C)
Delivery Time:	8 hours (air dry), allow 48 hours before light use of truck bed 5 days for full use

Use VOC calculator to determine VOC of mixtures. If applying to a non-automotive substrate, consult local VOC regulations.

Always wear OSHA required (PPE) Personal Protection Equipment as outlined on the SDS and product label to ensure your safety.



PREPARATION:

BARE METAL, ALUMINUM, GALVINIZED, POLYESTER FILLER, AND EXISTING OEM PAINT

1. Pressure wash the surface if needed.
2. Clean with **SEM Solve** or **XXX Universal Surface Cleaner**.
3. Sand the surface with P180 grit sandpaper or use a bed brush. Blow off and tack clean.
4. Prime any bare metal and aluminum areas with **World Class™ DTM Primer** or **Metallock™ DTM Primer**.
5. If after 24 hours, scuff the primer with a red scuff pad. Blow off dust and tack clean.

Note: Do not apply over self-etching primers.

FIBERGLASS, RIGID PLASTIC, FLEXIBLE PLASTIC, AND SMC

1. Clean with **SEM Solve** or **XXX Universal Surface Cleaner**. Surface must be completely dry; avoid saturating panel with cleaner.
2. Sand the surface with P180 grit sandpaper, blow off dust and tack clean.

If applying to flexible plastics:

3. Apply one full wet coat of **XXX Adhesion Promoter** or **Plastic Adhesion Promoter**.
4. Allow to flash 3 – 5 minutes before applying **Rock-It XC**. If topcoat time exceeds 24 hours, scuff, tack, and reapply adhesion promoter.

Note: On fiberglass and SMC any exposed fibers below the gelcoat must be primed with **World Class DTM Primer** or **Metalock DTM Primer**.

IMPORTANT! **Rock-It XC™** will not stick to polyethylene, even with the use of an adhesion promoter.

E-COAT

1. Clean with **SEM Solve** or **XXX Universal Surface Cleaner**.
2. Scuff the surface with a coarse abrasive pad, taking care to not scuff through the e-coat.
3. Blow off dust and tack clean.

WOOD

1. Pressure wash surface first and allow to fully dry.
2. Sand the surface with P80 grit sandpaper, blow off dust and tack clean.

IMPORTANT! Treated wood may interfere with adhesion.

CONCRETE

The following steps do not guarantee adhesion – as some contaminants, such as silicone, are much harder to clean and it may be necessary to clean and prep the concrete several times to achieve adhesion. Always test a small inconspicuous area before coating an entire floor to ensure proper adhesion.

1. Degrease concrete using a commercial degreaser. For heavy oil contamination, heavier caustic cleaners will be needed. Refer to the manufacturer's instructions for exact process.
2. Acid etch the surface using a 1:1 muriatic acid and water combination. It is recommended to perform this step on all concrete to remove any mineral deposits, but is especially important when dealing with any treated, smooth, or polished concrete surfaces, even those that are new. Neutralize and rinse with water thoroughly. Allow to dry completely before coating with **Rock-It XC**.

Note: On new concrete, it is necessary to wait a month or longer until the concrete is fully dry. Application over concrete that is not fully dry will result in failure. It is recommended to perform both the degreasing and acid etch steps even on new concrete to ensure proper adhesion.

Note: If fixing imperfections in concrete prior to application, do not use any silicone based products.

Disclaimer:

If there is moisture present under the concrete, and a vapor barrier is not present, lifting of product may still occur no matter how thorough the prep process.

IMPORTANT! Due to the variety of substrates that **Rock-It XC** can be applied to, it is recommended to test a small area for adhesion before applying the product. Full adhesion may take up to 48 hours.

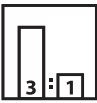


MIXING:

Rock-It XC is a shake and shoot system

1. Refer to the below chart for appropriate mix ratios. Note that reduction is not needed when applying with an **Economy Coating Gun** or roller.
2. Shake each bottle individually for two minutes just before applying that bottle. Mix only one bottle at a time. If reducing, use a high quality reducer.

Note: If using a standard Schutz type applicator, ensure that the pick-up tube reaches the bottom of the **Rock-It XC** bottle.



ROCK-IT XC

Add 8 oz. of **Rock-It XC Catalyst** per bottle of **Rock-It XC**. Shake each bottle individually for two minutes just before applying that bottle. Do not over-catalyze.

	Coating (A)	Tint	Catalyst (B)	Reducer (optional)
Rock-It XC – Black				
Shake-And-Shoot	1 bottle	n/a	8 oz	Up to 15%
Mix by ratio	3 parts	n/a	1 part	Up to 15%
Mix by weight (makes 1000 g)	758 g	n/a	242 g	Up to 15%
Rock-It XC – Tintable				
Shake-And-Shoot	1 bottle	3 oz	8 oz	Up to 15%
Mix by ratio	7 parts	1 part	3:1 after tint	Up to 15%

Note: Tint with premium solvent-based automotive paint. Omit any binders, balancers or reducers called for in the formula; use pigmented toners only. Do not use water-based or lacquer-based colorants. Tint and mix prior to adding activator.



APPLICATION:

Note: Applicator guns may need to be cleaned between coats, especially in hot and/or humid conditions.

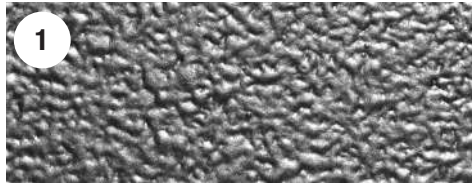
ECONOMY COATING GUN

Coats:	2 – 3 light coats
Flash Time between Coats:	15 – 20 minutes @ 70°F (21°C)
Air Pressure:	30 – 65 psi

Note: Always spray a test panel to ensure desired texture. **Variations in temperature, air pressure, distance from substrate and applicator used will affect texture.**

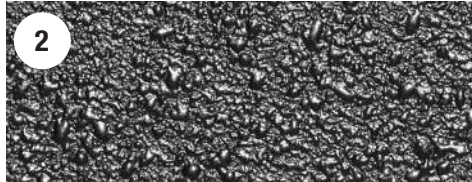
HEAVY SMOOTH TEXTURE

- 65 psi
- 36" from panel
- Heavy wet coats to coverage
- See panel 1



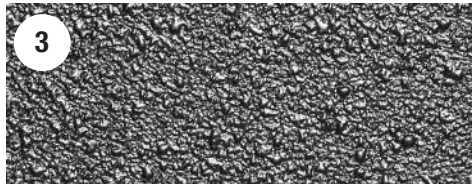
HEAVY COARSE TEXTURE

- 30 psi
- 36" from panel
- Light coats to coverage
- See panel 2



MEDIUM COARSE TEXTURE

- 65 psi
- 36" from panel
- Light coats to coverage
- See panel 3

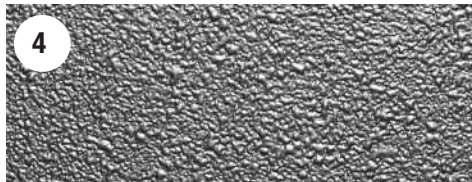


HVLP GUN

Coats:	2 – 3 light coats
Flash Time between Coats:	15 – 20 minutes @ 70°F (21°C)
Air Pressure:	10 – 14 psi

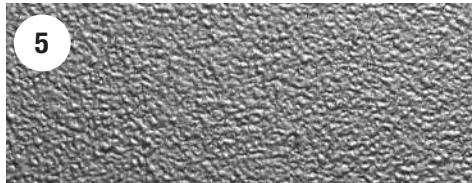
MEDIUM-LIGHT COARSE TEXTURE

- 1.8 mm fluid tip
- 10 psi
- 18" from panel
- Light coats to coverage
- See panel 4



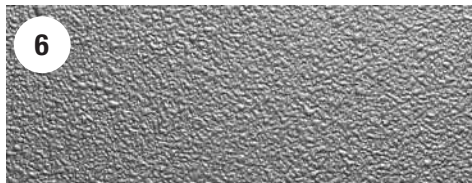
MEDIUM SMOOTH TEXTURE

- 1.8 mm fluid tip
- 14 psi
- 18" from panel
- Wet coats to coverage
- See panel 5



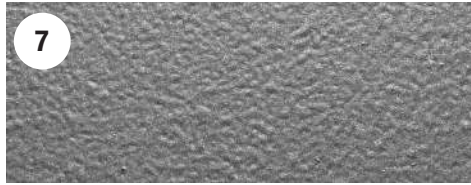
LIGHT COARSE TEXTURE

- 2.5 mm fluid tip
- 10 psi
- 18" from panel
- Light coats to coverage
- See panel 6



LIGHT SMOOTH TEXTURE

- 2.5 mm fluid tip
- 14 psi
- 18" from panel
- Wet coats to coverage
- See panel 7



ROLL

Coats:

1 medium wet coat

1. Cut in hard to reach areas with a brush prior to rolling.
2. Using the **Heavy Texture Roller**, slowly apply product in one medium wet coat using medium pressure.
3. Texture can be increased with additional rolling after product starts to set up.

Note: For uniform appearance, complete all rolling while product is still wet. To avoid trapping solvent do not over apply. Any pooled or over applied areas should be brushed or rolled out. Do not apply more than one coat.

IMPORTANT! To achieve desired results, SEM only recommends the use of **Heavy Texture Roller**, # 71140. Should any other roller be used, proper results cannot be assured.

IMPORTANT! In hot and/or humid conditions, you must apply lighter coats and allow longer flash times between coats. The first coat should not achieve full coverage and subsequent coats should be applied in the same manner.



TOPCOATING:

Rock-It XC™ can be painted over with most paint systems.

1. If topcoating, let **Rock-It XC** dry for 24 hours.
2. Scuff with fine abrasive pad.
3. Blow off dust and tack clean.
4. Follow paint manufacturer's instructions for paint application.



CLEAN UP:

Remove all masking tape while final coat is still wet. Use appropriate cleaning materials compliant with VOC regulations in your area.



STORAGE:

Rock-It XC should be stored between 60 – 80°F (16 – 27°C). The shelf life for **Rock-It XC** and **Rock-It XC Catalyst** is 3 years when stored under ideal conditions.

RELATED PRODUCTS

Part:	Product:	Size:
38371	SEM Solve	Gallon
38373	SEM Solve	20 oz. Aerosol
38374	SEM Solve	Quart
38375	SEM Solve	5 Gallon
39861	Plastic Adhesion Promoter	Gallon
39863	Plastic Adhesion Promoter	20 oz. Aerosol
39864	Plastic Adhesion Promoter	Cone Quart
50121	World Class™ DTM Primer	Gallon
50124	World Class DTM Primer	Quart
50134	World Class DTM Primer Activator	Cone Quart
50136	World Class DTM Primer Activator	Half Pint
71102	Economy Coating Gun	1 Each
71140	Heavy Texture Roller	1 Each
77721	XXX Adhesion Promoter	Gallon
77723	XXX Adhesion Promoter	16 oz. Aerosol
77724	XXX Adhesion Promoter	Cone Quart
77771	XXX Universal Surface Cleaner	Gallon
77774	XXX Universal Surface Cleaner	Quart
ML010	Metallock™ DTM High Build Primer Kit	5 Quart Kit
ML014	Metallock DTM High Build Primer	Quart
MLH16	Metallock Hardener	Half Pint

1 Identification

- **Product identifier**
- **Trade name:** 46644, 46646 *Rock-It XC Catalyst*
- **Article number:** 46644, 46646
- **Application of the substance / the mixture** *Coating*
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
SEM Products Inc.

2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS08 *Health hazard*

Resp. Sens. 1 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

STOT SE 2 H371 May cause damage to organs.



GHS07

Acute Tox. 4 H302 Harmful if swallowed.

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2A H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

- **Label elements**

· **GHS label elements** *The product is classified and labeled according to the Globally Harmonized System (GHS).*

- **Hazard pictograms**



GHS07



GHS08

- **Signal word** *Danger*

- **Hazard-determining components of labeling:**

HDI Prepolymer

hexamethylene-di-isocyanate

- **Hazard statements**

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.



Trade name: 46644, 46646 Rock-It XC Catalyst

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317 May cause an allergic skin reaction.

H371 May cause damage to organs.

· **Precautionary statements**

P260 Do not breathe dust/fume/gas/mist/vapors/spray.

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P272 Contaminated work clothing must not be allowed out of the workplace.

P280 Wear protective gloves / eye protection / face protection.

P284 [In case of inadequate ventilation] wear respiratory protection.

P301+P312 If swallowed: Call a poison center/doctor if you feel unwell.

P330 Rinse mouth.

P302+P352 If on skin: Wash with plenty of water.

P304+P341 If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308+P311 IF exposed or concerned: Call a poison center/doctor.

P362+P364 Take off contaminated clothing and wash it before reuse.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P321 Specific treatment (see on this label).

P337+P313 If eye irritation persists: Get medical advice/attention.

P342+P311 If experiencing respiratory symptoms: Call a poison center/doctor.

P363 Wash contaminated clothing before reuse.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



Health = 2

Fire = 1

Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**



Health = *2

Fire = 1

Reactivity = 0

· **Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

* **3 Composition/information on ingredients**

· **Chemical characterization: Mixtures**

· **Description:**

Mixture: consisting of the following components.

Weight percentages



Trade name: 46644, 46646 Rock-It XC Catalyst

· Dangerous components:

28182-81-2	HDI Prepolymer	70-100%
822-06-0	hexamethylene-di-isocyanate	≥0.1-<0.5%

4 First-aid measures

· Description of first aid measures

· General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

· After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

· After skin contact: Immediately wash with water and soap and rinse thoroughly.

· After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· After swallowing: Immediately call a doctor.

· Information for doctor:

· Most important symptoms and effects, both acute and delayed No further relevant information available.

· Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Fire-fighting measures

· Extinguishing media

· Suitable extinguishing agents: Use fire fighting measures that suit the environment.

· Special hazards arising from the substance or mixture No further relevant information available.

· Advice for firefighters

· Protective equipment: No special measures required.

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures Not required.

· Environmental precautions: No special measures required.

· Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

· Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

· Protective Action Criteria for Chemicals

· PAC-1:

28182-81-2	HDI Prepolymer	7.8 mg/m ³
822-06-0	hexamethylene-di-isocyanate	0.018 ppm

· PAC-2:

28182-81-2	HDI Prepolymer	86 mg/m ³
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Trade name: 46644, 46646 Rock-It XC Catalyst

822-06-0	hexamethylene-di-isocyanate	0.2 ppm
· PAC-3:		
28182-81-2	HDI Prepolymer	510 mg/m ³
822-06-0	hexamethylene-di-isocyanate	3 ppm

7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
No special measures required.
Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**
The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.
At this time, the remaining constituent has no known exposure limits.

822-06-0 hexamethylene-di-isocyanate

REL	Long-term value: 0.035 mg/m ³ , 0.005 ppm Ceiling limit value: 0.14* mg/m ³ , 0.02* ppm *10-min
TLV	Long-term value: 0.034 mg/m ³ , 0.005 ppm BEI

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
- **Breathing equipment:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- **Protection of hands:**
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Trade name: 46644, 46646 Rock-It XC Catalyst

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**



Tightly sealed goggles

9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

· Form:	Liquid
· Color:	Yellow
· Odor:	Characteristic
· Odor threshold:	Not determined.

· **pH-value:** Not determined.

· **Change in condition**

· Melting point/Melting range:	Undetermined.
· Boiling point/Boiling range:	Undetermined.

· **Flash point:** 166 °C

· **Flammability (solid, gaseous):** Not applicable.

· **Decomposition temperature:** Not determined.

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.
In use, may form flammable/explosive vapour-air mixture.

· **Explosion limits:**

· Lower:	Not determined.
· Upper:	Not determined.

· **Vapor pressure:** Not determined.

· Density at 20 °C:	1.1399 g/cm ³
· Relative density	Not determined.
· Vapor density	Not determined.



Trade name: 46644, 46646 Rock-It XC Catalyst

· Evaporation rate	Not determined.
· Solubility in / Miscibility with Water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
VOC content:	0.00 % 0.0 g/l / 0.00 lb/gl
Solids content:	99.9 %
· Other information	No further relevant information available.

* **10 Stability and reactivity**

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

* **11 Toxicological information**

- **Information on toxicological effects**
- **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

28182-81-2 HDI Prepolymer

Oral	LD50	1,000 mg/kg (rat)
Dermal	LD50	5,000 mg/kg (rabbit)
Inhalative	LC50/4 h	137-1,150 mg/l (rat)

- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitization:**
- Sensitization possible through inhalation.
- Sensitization possible through skin contact.
- **Additional toxicological information:**
- The product shows the following dangers according to internally approved calculation methods for preparations:
- Harmful
- Irritant



Trade name: 46644, 46646 Rock-It XC Catalyst

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information

· **Toxicity**

· **Aquatic toxicity:** No further relevant information available.

· **Persistence and degradability** No further relevant information available.

· **Behavior in environmental systems:**

· **Bioaccumulative potential** No further relevant information available.

· **Mobility in soil** No further relevant information available.

· **Additional ecological information:**

· **General notes:** Generally not hazardous for water

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **Other adverse effects** No further relevant information available.

13 Disposal considerations

· **Waste treatment methods**

· **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packagings:**

· **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

· **UN-Number**

· **DOT, ADR, ADN, IATA**

· **IMDG**

Void

UN3082

· **UN proper shipping name**

· **DOT, ADR, ADN, IATA**

· **IMDG**

Void

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S. (HDI Prepolymer)



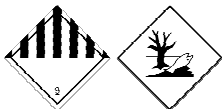
Trade name: 46644, 46646 Rock-It XC Catalyst

· **Transport hazard class(es)**

· **DOT, ADR, ADN, IATA**

· **Class** Void

· **IMDG**



· **Class** 9 Miscellaneous dangerous substances and articles

· **Label** 9

· **Packing group**

· **DOT, ADR, IATA** Void

· **IMDG** III

· **Environmental hazards:** Product contains environmentally hazardous substances: HDI Prepolymer

· **Marine pollutant:** Yes
Symbol (fish and tree)

· **Special precautions for user** Not applicable.

· **EMS Number:** F-A,S-F

· **Stowage Category** A

· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

· **Transport/Additional information:**

· **DOT**

· **Remarks** ORM-D 49CFR 173-150,156,306

· **IMDG**

· **Limited quantities (LQ)** 5L

· **Excepted quantities (EQ)** Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

· **UN "Model Regulation":** Void

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

· **Section 313 (Specific toxic chemical listings):**

822-06-0 | hexamethylene-di-isocyanate

· **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

Trade name: 46644, 46646 Rock-It XC Catalyst

· **Proposition 65**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **Carcinogenity categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms**



GHS07 GHS08

· **Signal word** Danger

· **Hazard-determining components of labeling:**

HDI Prepolymer

hexamethylene-di-isocyanate

· **Hazard statements**

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317 May cause an allergic skin reaction.

H371 May cause damage to organs.

· **Precautionary statements**

P260 Do not breathe dust/fume/gas/mist/vapors/spray.

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P272 Contaminated work clothing must not be allowed out of the workplace.

P280 Wear protective gloves / eye protection / face protection.

P284 [In case of inadequate ventilation] wear respiratory protection.

P301+P312 If swallowed: Call a poison center/doctor if you feel unwell.

P330 Rinse mouth.

P302+P352 If on skin: Wash with plenty of water.

P304+P341 If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing.



Trade name: 46644, 46646 Rock-It XC Catalyst

- P305+P351+P338 *If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.*
- P308+P311 *IF exposed or concerned: Call a poison center/doctor.*
- P362+P364 *Take off contaminated clothing and wash it before reuse.*
- P333+P313 *If skin irritation or rash occurs: Get medical advice/attention.*
- P321 *Specific treatment (see on this label).*
- P337+P313 *If eye irritation persists: Get medical advice/attention.*
- P342+P311 *If experiencing respiratory symptoms: Call a poison center/doctor.*
- P363 *Wash contaminated clothing before reuse.*
- P405 *Store locked up.*
- P501 *Dispose of contents/container in accordance with local/regional/national/international regulations.*
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing SDS:** Environment protection department.

- **Abbreviations and acronyms:**

RID: Regulations Concerning the International Transport of Dangerous Goods by Rail

ICAO: International Civil Aviation Organisation

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

Resp. Sens. 1: Respiratory sensitisation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

STOT SE 2: Specific target organ toxicity (single exposure) – Category 2

- *** Data compared to the previous version altered.**