

CRETE SHIELD

Available in 750ml Spray Bottle,
5L Sprayer and 20L Container

CONCRETE RELEASE AGENT



Non toxic concrete release agent.

CRETE-SHIELD is formulated with surfactants and chemicals to prevent concrete and other foreign materials adhering to equipment. **CRETE-SHIELD** is **Non Flammable**, 100% biodegradable, non toxic, non corrosive, non fuming and will not harm paint, metals, glass or other treated surfaces.

CRETE-SHIELD can be used to prevent cement, concrete, mortar, grout and stucco from sticking to treated surfaces. It is especially useful to protect concrete build up on **Ready-mix trucks, Cement Mixers, Vehicles, Forms, Molds, Cement Buggies, Pumps, Trowels, Screeds, Concrete Saws, Augers or any place cement can come into contact with.**

CRETE-SHIELD is easy to use and helps keep your equipment looking new. It even removes the oxidation from paint and returns the paint to original luster.



IMPACT-A



MATERIAL SAFETY DATA SHEET

Chemwatch Independent Material Safety Data Sheet
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Version No:3.1.1.1 CD 2013/2 Page 1 of 7

SECTION 1 – SUPPLIER IDENTIFICATION

PRODUCT NAME SPEEDY - SHIELD / CRETE SHIELD
Chemical Family Polymer Emulsion **Date Prepared** FEB 2010
Proper D.O.T. Shipping Name Compound, Polishing, Liquid **100 % BIODEGRADABLE**
D.O.T. Hazard Classification Not Regulated

SECTION 2 – INGREDIENTS/IDENTITY INFORMATION

% By	Material	PEL	T. L. V.	C. A. S. No.
< 30.0	DIETHYLENE GLYCOL MONOMETHYL ETHER*	NE	NE	111-77-3

ITEMS MARKED * ARE SARA TITLE III SEC 313 REPORTABLES INGREDIENTS
ARE ON TSCA INVENTORY

Balance non-hazardous ingredients

SECTION 3 – PHYSICAL DATA

Boiling Point	212 DEG. F	pH (Conc.)	8.5-9.0
Solubility In Water	COMPLETE	pH (Use Dilution)	8.5-9.0
% Volatility By Weight	> 80	Evaporation Rate	H2O= 1 >1
Specific Gravity	1.030	Physical Form	Liquid
Appearance And Odor	Clear, Milky White, Ammonia Odor		

SECTION 4 – FIRE AND EXPLOSION DATA INGREDIENTS/IDENTITY INFORMATION

Flash Point NONE
Extinguishing Media N/A
Flammable Limits N/A
Special Fire Fighting Procedures N/A
Unusual Fire and Explosion Hazards N/A

SECTION 5 – REACTIVITY DATA

Stability STABLE
Conditions to Avoid NONE KNOWN
Incompatibility ALKALIES AND ACIDS
Hazardous Decomposition Products N/A
Hazardous Polymerization WILL NOT OCCUR

SECTION 6 – HEALTH HAZARD

Routes(s) of Entry	Inhalation? NO	Skin? NO	Ingestion? NO
Health Hazards (Acute and Chronic)	Eye contact can cause irritation and redness. Prolonged or repeated contact may cause irritation or dermatitis.		
Carcinogenicity	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? N/A
Emergency Aid and First Aid Procedures	For eyes: flush with water for 15 minutes. If irritation persists see physician. For skin wash with soap and water. Contact physician. For ingestion: give water do not induce vomiting. Get medical attention immediately.		

SECTION 7 – SPILL OR LEAK PROCEDURES

Spill Response	Use rubber boots & chemical goggles during clean up. Provide adequate ventilation. For small spills. Dilute with water and adjust pH with acid to pH below 9. 0 then flush to sanitary sewer.
Waste Disposal Method	Follow local state & federal laws. Prevent run off to streams or other bodies of water.

SECTION 8 – SPECIAL PROTECTION INFORMATION

Eye Protection	Safety glasses
Skin Protection	Wear neoprene gloves.
Ventilation	Provide mechanical and or local exhaust ventilation to maintain exposure below TLV of components.
Respiratory Protection	None required unless other protective measures do not control exposures below TLV.
Other Protection	Toot wear that keeps feet dry is suggested. Follow good personal hygiene practices.

SECTION 9 – SPECIAL PRECAUTIONS

Precautions in Handling and Storage	Keep Out Of Reach Of Children. Keep Container Closed When Not In Use. Store At Room Temperature.
Other Precautions	This Product Is Not Regulated Under Cercla . Not Reportable Under Sara Title Iii Section 311/312.

PREPARED BY: DAVID BRUNTON, CHEMIST

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CRETE SHIELD

TECHNICAL DATA SHEET



Crete Shield can be used to prevent cement, concrete, mortar, grout and stucco from sticking to treated surfaces. It is especially useful to protect concrete from building up on ***Ready-Mix Trucks, Vehicles, Forms, Molds, Cement Buggies, Pumps, Trowels, Screeds, Concrete Saws, Slip-Form Pavers, Augers, and any place cement can come into contact with.***

Apply **Crete Shield** on surface to be protected with sponge mop, wool applicator, or sprayer. Allow to dry for a minimum of 30 minutes. Surface will turn shiny, with the **Crete Shield** hardening as it dries. After surface dries, it will help retard concrete from bonding to the surface.

Crete Shield can be reapplied over existing protected surfaces once cleaned. To remove **Crete Shield**, wash covered area with a high-alkaline detergent (truck wash, etc). Rinse with high-pressure washer or hose with potable water.

Crete Shield will cover approximately 250 square feet, and the products works best between 50° and 90° F.

DO NOT WET SURFACE before applying **Crete Shield**. Apply to dry surface for best results. Please refer to MSDS (Material Safety Data Sheet) and product labeling instructions provided on this product for other information.

